

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052024\
 Data File : VN082200.D
 Acq On : 20 May 2024 11:02
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :John Carlone 05/21/2024
 Supervised By :Mahesh Dadoda 05/21/2024

Quant Time: May 21 03:43:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 05:21:06 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.224	168	207819	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	349407	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	323641	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	154500	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	156058	47.557	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.120%		
35) Dibromofluoromethane	8.165	113	109312	50.857	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.720%		
50) Toluene-d8	10.565	98	416144	50.499	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	101.000%		
62) 4-Bromofluorobenzene	12.847	95	151599	51.542	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	103.080%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	141151	47.109	ug/l	99
3) Chloromethane	2.359	50	148750	43.806	ug/l	98
4) Vinyl Chloride	2.518	62	145155	45.471	ug/l	100
5) Bromomethane	2.953	94	72902	39.731	ug/l	100
6) Chloroethane	3.124	64	94563	45.367	ug/l	99
7) Trichlorofluoromethane	3.501	101	197766	47.311	ug/l	97
8) Diethyl Ether	3.959	74	71821	48.230	ug/l	69
9) 1,1,2-Trichlorotrifluo...	4.371	101	115779	47.414	ug/l	98
10) Methyl Iodide	4.595	142	114808	46.769	ug/l	99
11) Tert butyl alcohol	5.518	59	114056	216.525	ug/l	99
12) 1,1-Dichloroethene	4.342	96	105090	46.303	ug/l #	72
13) Acrolein	4.177	56	78777	201.813	ug/l	98
14) Allyl chloride	5.024	41	215223	44.291	ug/l #	90
15) Acrylonitrile	5.712	53	318526	233.483	ug/l	99
16) Acetone	4.424	43	284674	211.475	ug/l	91
17) Carbon Disulfide	4.712	76	322592	44.007	ug/l	99
18) Methyl Acetate	5.024	43	150755	44.969	ug/l #	85
19) Methyl tert-butyl Ether	5.794	73	400351	48.258	ug/l	94
20) Methylene Chloride	5.277	84	123907	45.621	ug/l #	78
21) trans-1,2-Dichloroethene	5.789	96	116178	46.972	ug/l #	76
22) Diisopropyl ether	6.671	45	488424	48.136	ug/l #	91
23) Vinyl Acetate	6.600	43	1932992	241.623	ug/l #	89
24) 1,1-Dichloroethane	6.565	63	248813	47.574	ug/l	96
25) 2-Butanone	7.483	43	462854	226.783	ug/l #	82
26) 2,2-Dichloropropane	7.488	77	207590	47.389	ug/l	97
27) cis-1,2-Dichloroethene	7.488	96	139075	47.646	ug/l	81
28) Bromochloromethane	7.812	49	110521	48.558	ug/l #	76
29) Tetrahydrofuran	7.841	42	311388	237.627	ug/l #	81
30) Chloroform	7.965	83	241520	48.359	ug/l	98
31) Cyclohexane	8.259	56	223846	42.710	ug/l	86
32) 1,1,1-Trichloroethane	8.171	97	215135	48.554	ug/l	94
36) 1,1-Dichloropropene	8.371	75	174886	48.514	ug/l	96
37) Ethyl Acetate	7.559	43	196655	48.746	ug/l #	94
38) Carbon Tetrachloride	8.365	117	184114	50.383	ug/l	99
39) Methylcyclohexane	9.600	83	199807	50.566	ug/l #	83
40) Benzene	8.606	78	532584	49.544	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	106914	45.062	ug/l #	86
42) 1,2-Dichloroethane	8.671	62	201374	48.707	ug/l	94
43) Isopropyl Acetate	8.688	43	366911	51.327	ug/l #	87
44) Trichloroethene	9.353	130	117804	48.244	ug/l	93
45) 1,2-Dichloropropane	9.624	63	136460	49.200	ug/l	96
46) Dibromomethane	9.712	93	88740	48.734	ug/l	98
47) Bromodichloromethane	9.888	83	197838	51.465	ug/l #	99
48) Methyl methacrylate	9.682	41	166174	48.785	ug/l #	83
49) 1,4-Dioxane	9.694	88	44463	931.533	ug/l #	75
51) 4-Methyl-2-Pentanone	10.447	43	1016483	250.270	ug/l	89
52) Toluene	10.629	92	330838	51.285	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	206594	51.964	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	213701	50.780	ug/l #	78
55) 1,1,2-Trichloroethane	11.018	97	116888	49.860	ug/l	98
56) Ethyl methacrylate	10.876	69	207461	52.123	ug/l #	73
57) 1,3-Dichloropropane	11.165	76	215618	49.191	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	529051	257.698	ug/l	90
59) 2-Hexanone	11.194	43	744111	250.215	ug/l	89
60) Dibromochloromethane	11.359	129	139466	53.908	ug/l	98
61) 1,2-Dibromoethane	11.471	107	118841	49.354	ug/l	99
64) Tetrachloroethene	11.106	164	121086	50.477	ug/l	99
65) Chlorobenzene	11.894	112	345132	48.272	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	119892	50.908	ug/l	100
67) Ethyl Benzene	11.965	91	639458	49.997	ug/l	97
68) m/p-Xylenes	12.071	106	475489	101.437	ug/l	92
69) o-Xylene	12.400	106	229519	50.547	ug/l	92
70) Styrene	12.412	104	397146	52.657	ug/l	97
71) Bromoform	12.576	173	91859	49.055	ug/l #	99
73) Isopropylbenzene	12.694	105	602907	49.120	ug/l	98
74) N-amyl acetate	12.494	43	314085	46.521	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.941	83	162540	45.939	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	154360m	47.468	ug/l	
77) Bromobenzene	12.982	156	138158	47.232	ug/l	88
78) n-propylbenzene	13.035	91	725270	49.899	ug/l	96
79) 2-Chlorotoluene	13.123	91	433870	47.538	ug/l	93
80) 1,3,5-Trimethylbenzene	13.170	105	507342	51.118	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.735	75	73911	53.162	ug/l #	87
82) 4-Chlorotoluene	13.223	91	437271	49.002	ug/l	94
83) tert-Butylbenzene	13.441	119	426168	49.082	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	506810	49.913	ug/l	97
85) sec-Butylbenzene	13.617	105	610327	50.713	ug/l	98
86) p-Isopropyltoluene	13.729	119	508570	51.997	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	260295	49.118	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	258392	47.773	ug/l	99
89) n-Butylbenzene	14.059	91	446823	50.827	ug/l	98
90) Hexachloroethane	14.335	117	92738	51.175	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	247144	49.269	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	35739	49.163	ug/l	87
93) 1,2,4-Trichlorobenzene	15.394	180	140379	49.925	ug/l	98
94) Hexachlorobutadiene	15.506	225	58023	47.028	ug/l	97
95) Naphthalene	15.641	128	442843	50.256	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	138390	49.165	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

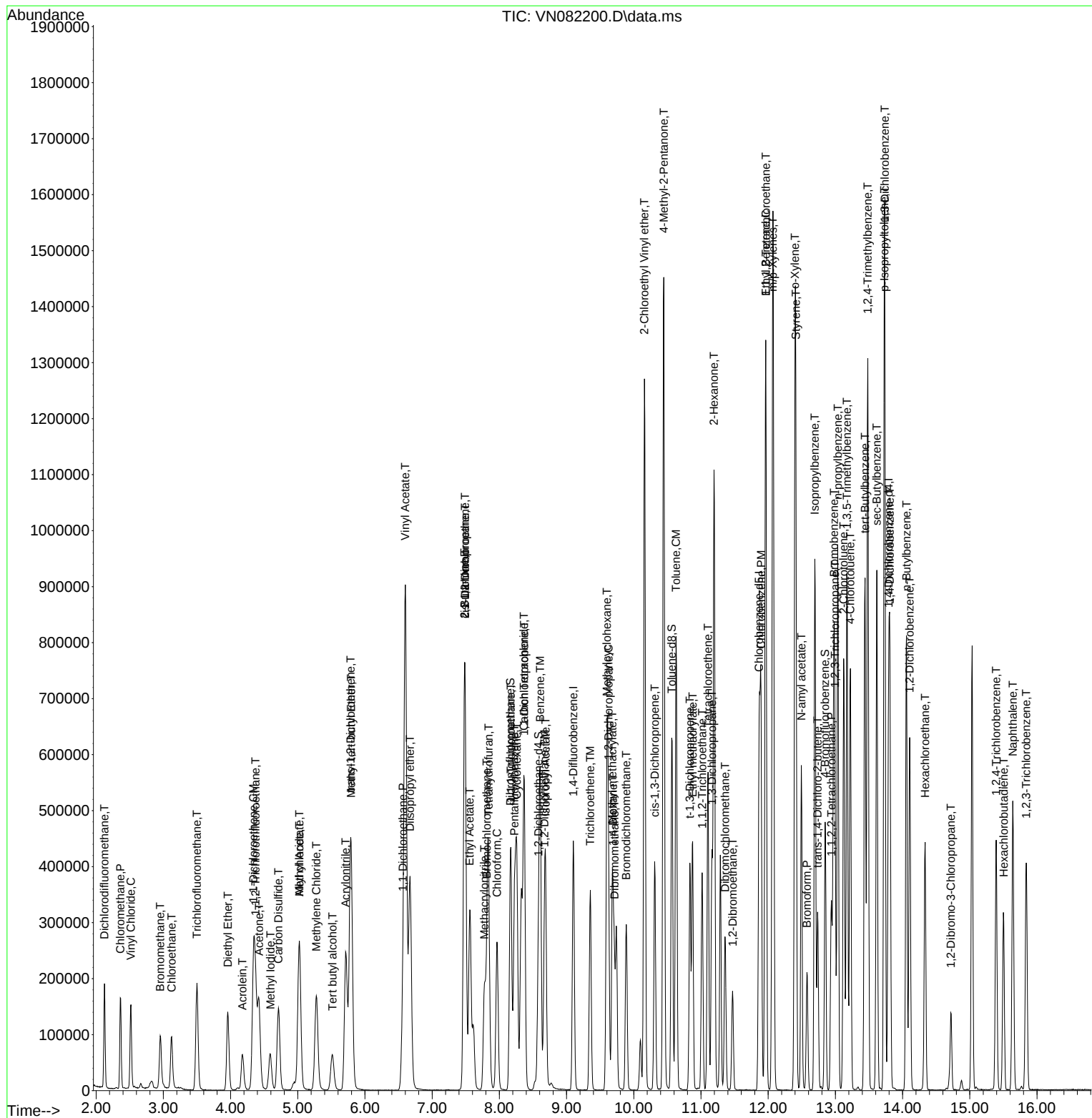
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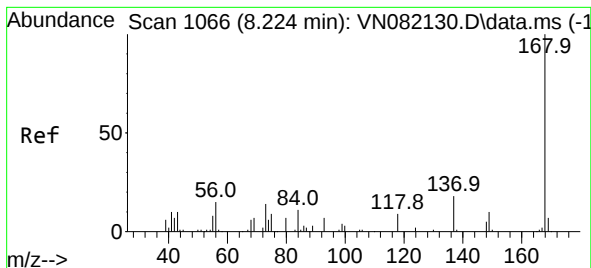
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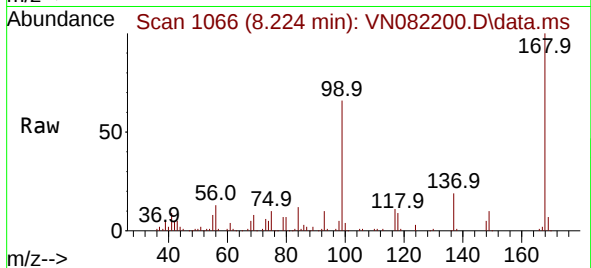
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN082200.D
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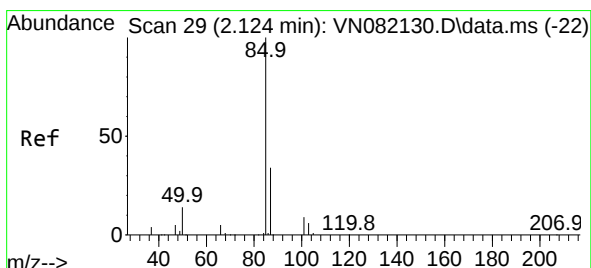
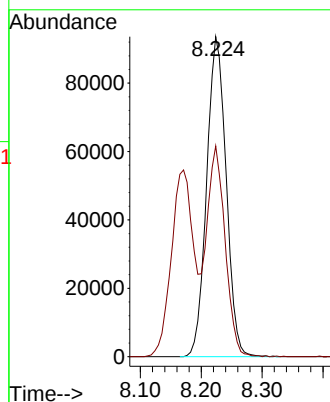
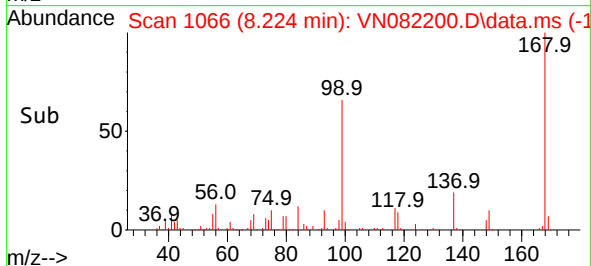
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VSTDCCC050



Tgt Ion:168 Resp: 207819
Ion Ratio Lower Upper
168 100
99 65.8 48.2 72.4

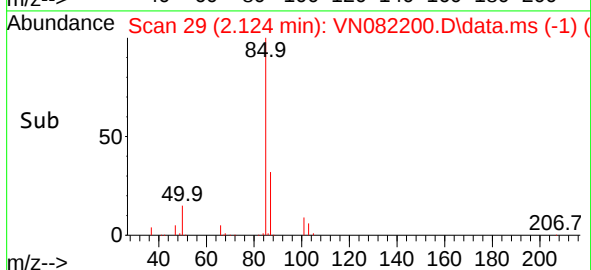
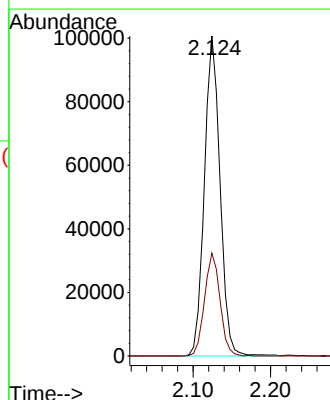
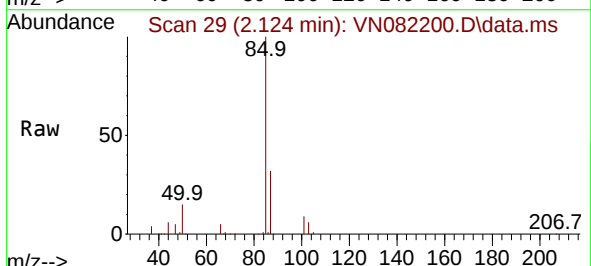
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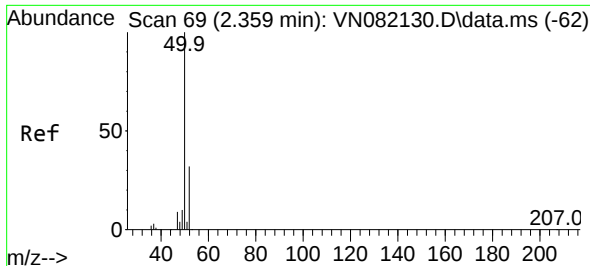
Reviewed By :John Carlone 05/21/2024
Supervised By :Mahesh Dadoda 05/21/2024



#2
Dichlorodifluoromethane
Concen: 47.109 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN082200.D
Acq: 20 May 2024 11:02

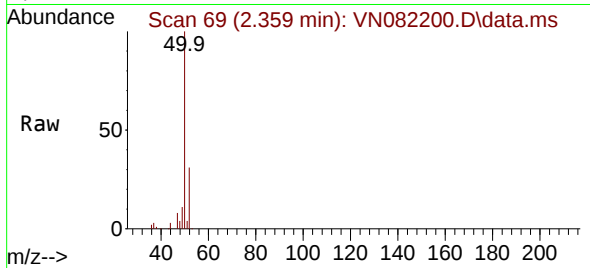
Tgt Ion: 85 Resp: 141151
Ion Ratio Lower Upper
85 100
87 32.1 15.8 47.4





#3
Chloromethane
Concen: 43.806 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN082200.D
Acq: 20 May 2024 11:02

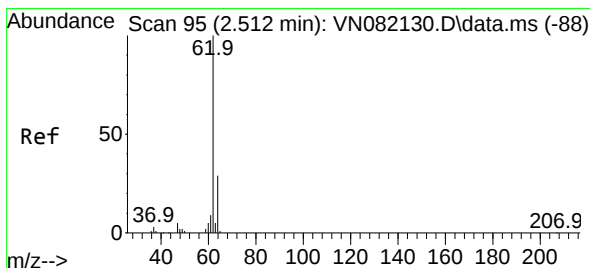
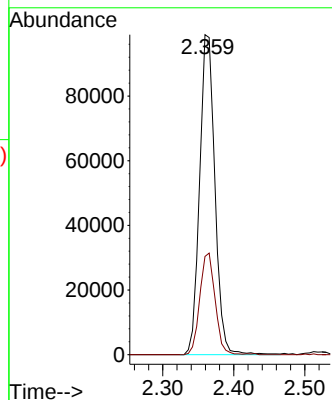
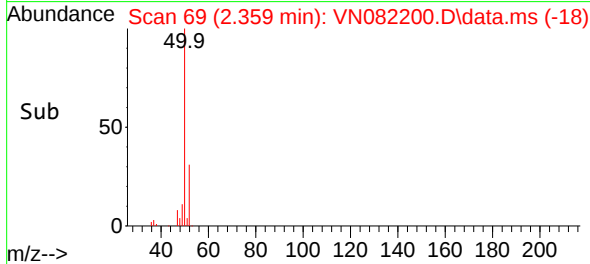
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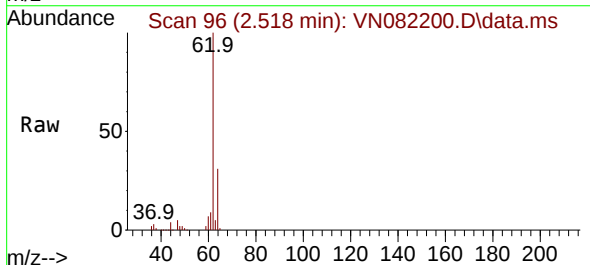
Tgt Ion: 50 Resp: 148750
Ion Ratio Lower Upper
50 100
52 30.7 25.5 38.3

Manual Integrations
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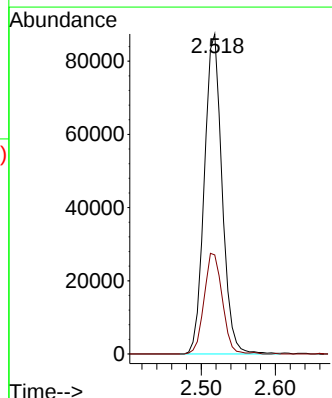
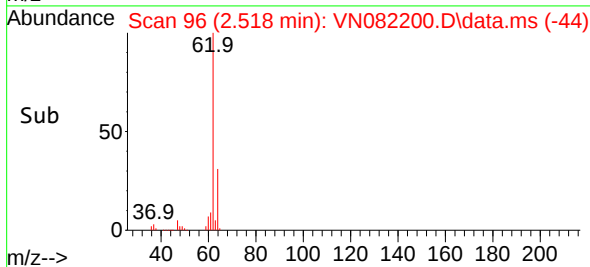
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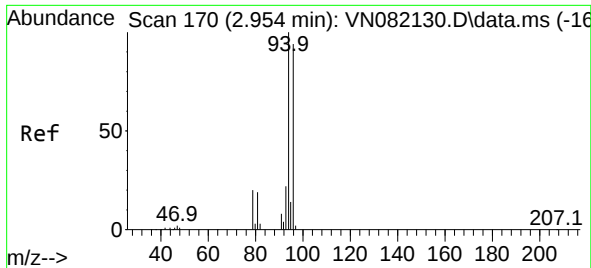


#4
Vinyl Chloride
Concen: 45.471 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN082200.D
Acq: 20 May 2024 11:02



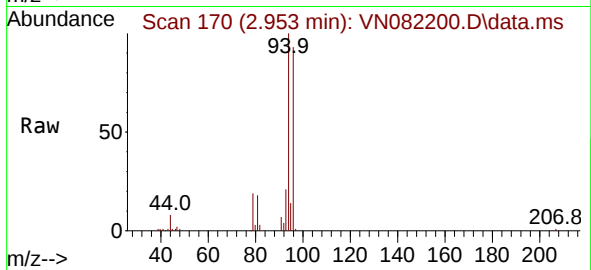
Tgt Ion: 62 Resp: 145155
Ion Ratio Lower Upper
62 100
64 31.0 24.6 37.0





#5
Bromomethane
Concen: 39.731 ug/l
RT: 2.953 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN082200.D
Acq: 20 May 2024 11:02

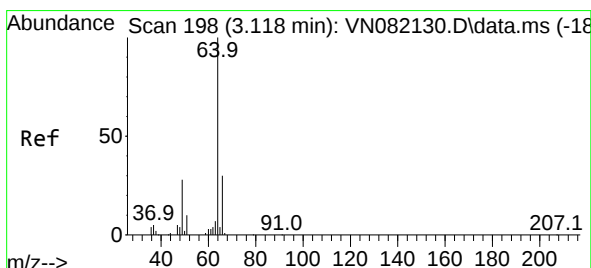
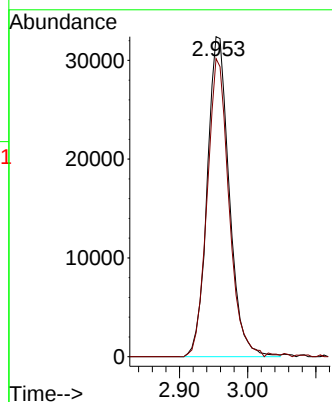
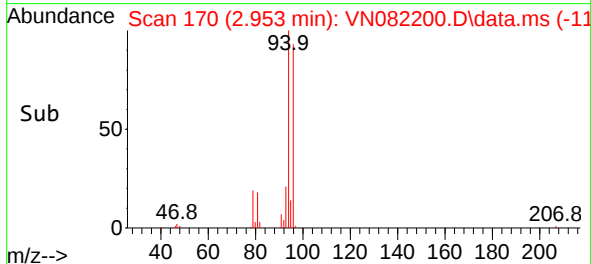
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Tgt Ion: 94 Resp: 72902
Ion Ratio Lower Upper
94 100
96 93.2 74.8 112.2

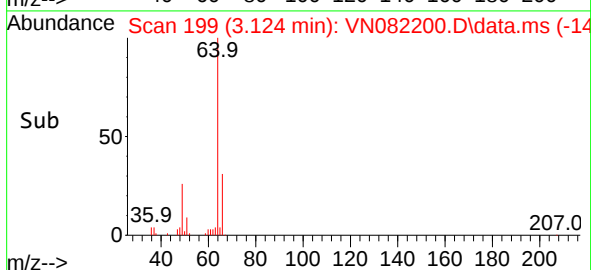
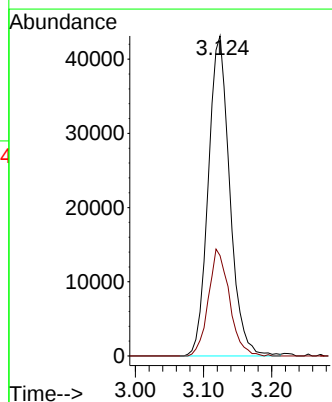
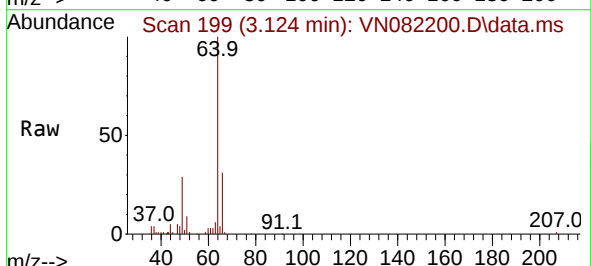
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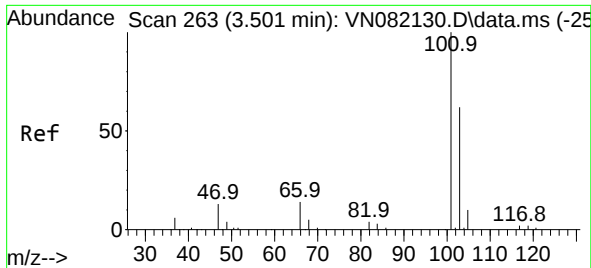
Reviewed By :John Carlone 05/21/2024
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#6
Chloroethane
Concen: 45.367 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN082200.D
Acq: 20 May 2024 11:02

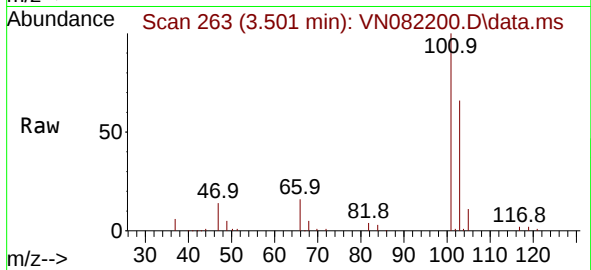
Tgt Ion: 64 Resp: 94563
Ion Ratio Lower Upper
64 100
66 31.4 24.7 37.1





#7
Trichlorofluoromethane
Concen: 47.311 ug/l
RT: 3.501 min Scan# 263
Delta R.T. -0.000 min
Lab File: VN082200.D
Acq: 20 May 2024 11:02

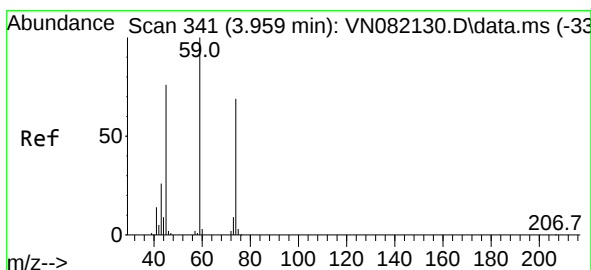
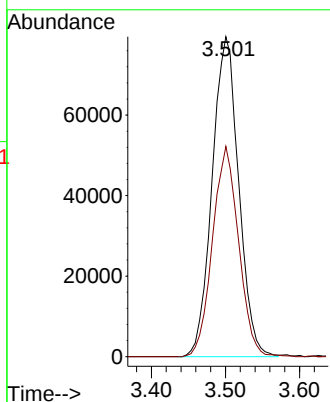
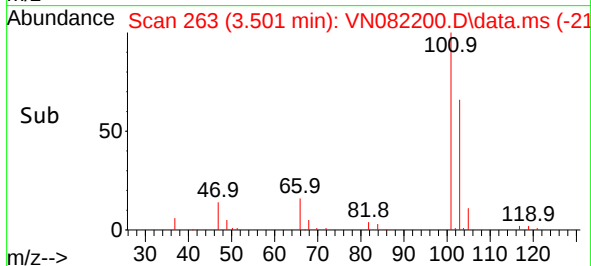
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Tgt Ion:101 Resp: 197760
Ion Ratio Lower Upper
101 100
103 65.7 50.6 75.8

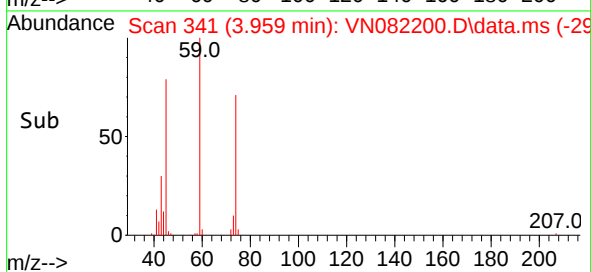
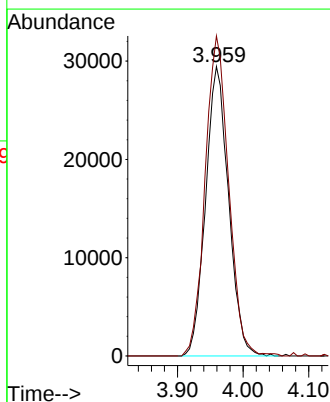
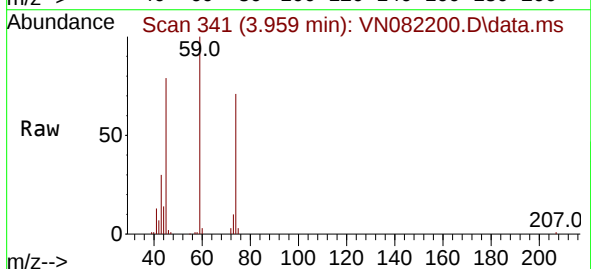
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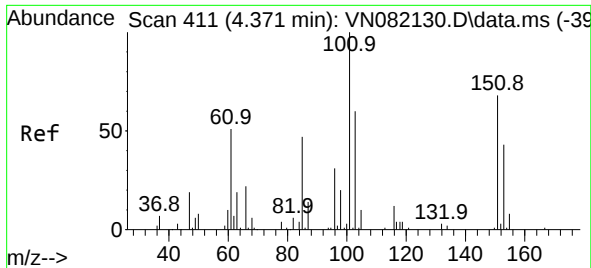
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#8
Diethyl Ether
Concen: 48.230 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
Lab File: VN082200.D
Acq: 20 May 2024 11:02

Tgt Ion: 74 Resp: 71821
Ion Ratio Lower Upper
74 100
45 112.9 42.4 127.3





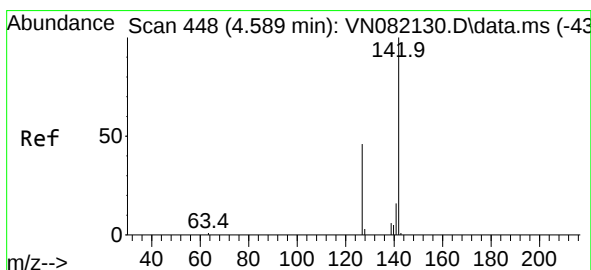
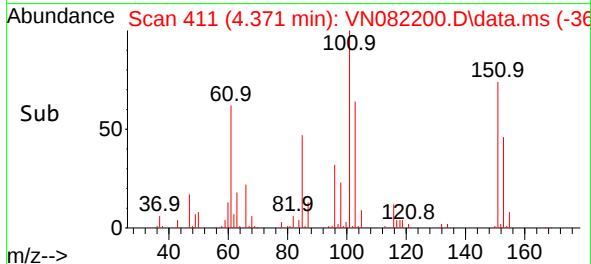
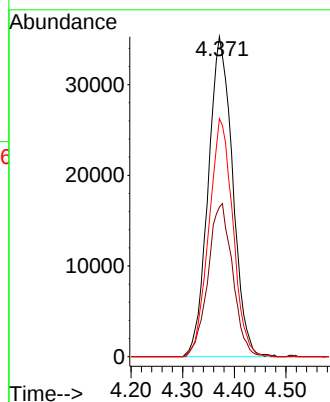
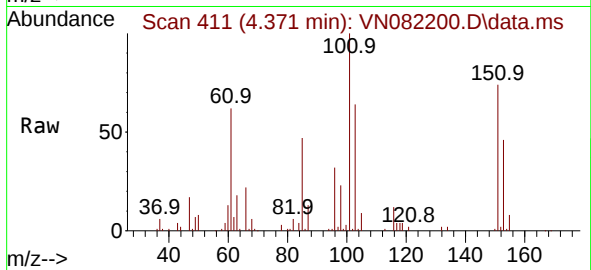
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.414 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN082200.D
Acq: 20 May 2024 11:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 115779
Ion Ratio Lower Upper
101 100
85 48.5 37.3 55.9
151 73.1 59.2 88.8

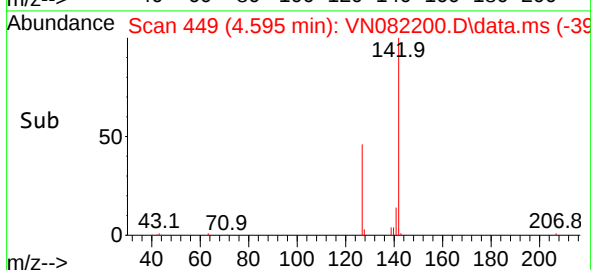
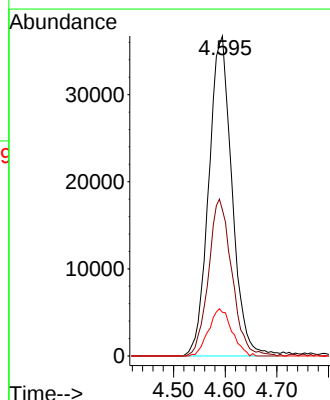
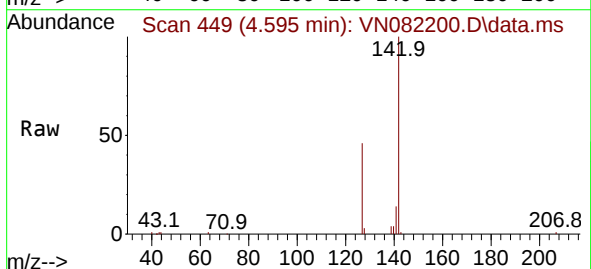
Manual Integrations
APPROVED

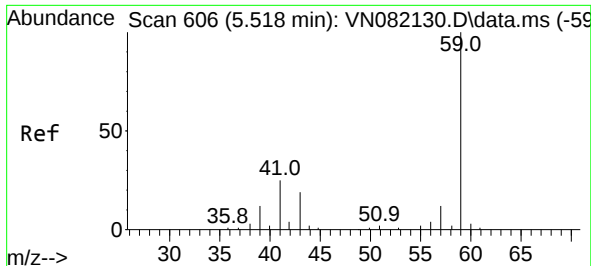
Reviewed By :John Carlone 05/21/2024
Supervised By :Mahesh Dadoda 05/21/2024



#10
Methyl Iodide
Concen: 46.769 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.006 min
Lab File: VN082200.D
Acq: 20 May 2024 11:02

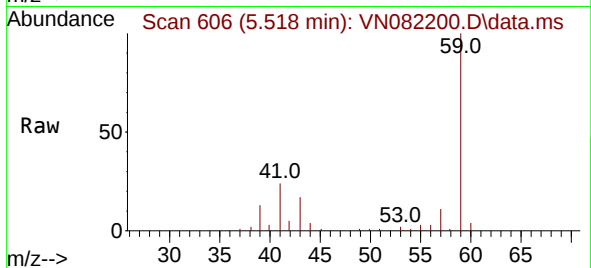
Tgt Ion:142 Resp: 114808
Ion Ratio Lower Upper
142 100
127 45.6 35.8 53.6
141 13.7 11.4 17.2





#11
Tert butyl alcohol
Concen: 216.525 ug/l
RT: 5.518 min Scan# 606
Delta R.T. -0.000 min
Lab File: VN082200.D
Acq: 20 May 2024 11:02

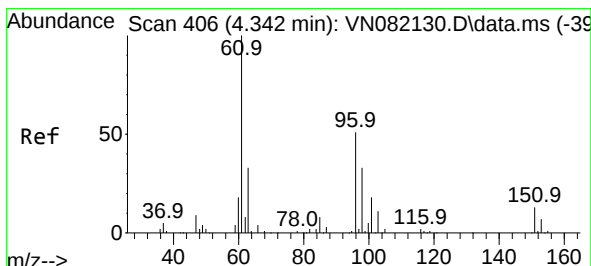
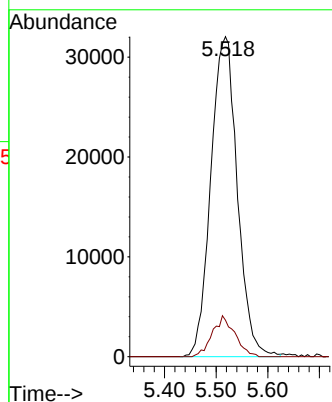
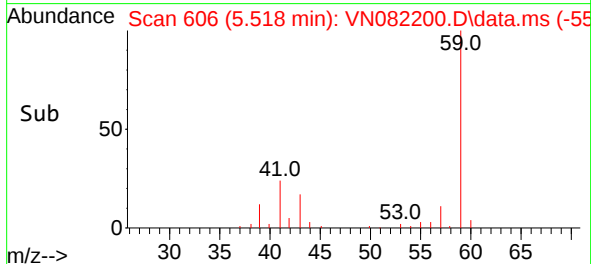
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



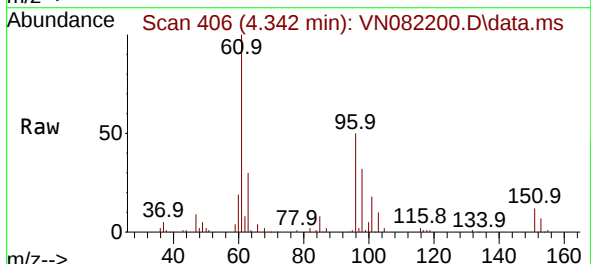
Tgt Ion: 59 Resp: 114056
Ion Ratio Lower Upper
59 100
57 10.9 8.9 13.3

Manual Integrations
APPROVED

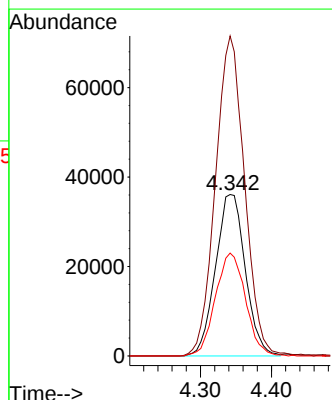
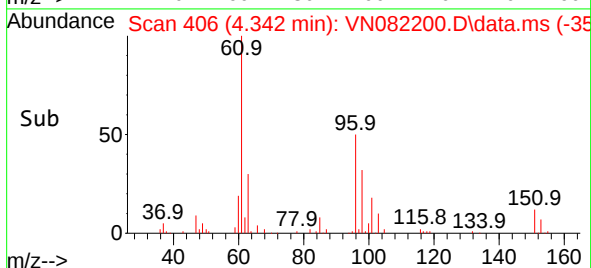
Reviewed By :John Carlone 05/21/2024
Supervised By :Mahesh Dadoda 05/21/2024

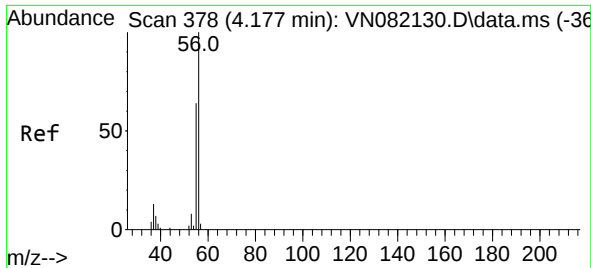


#12
1,1-Dichloroethene
Concen: 46.303 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN082200.D
Acq: 20 May 2024 11:02



Tgt Ion: 96 Resp: 105090
Ion Ratio Lower Upper
96 100
61 198.1 119.7 179.5#
98 63.7 49.6 74.4





#13

Acrolein

Concen: 201.813 ug/l

RT: 4.177 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN082200.D

Acq: 20 May 2024 11:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 7877

Ion Ratio Lower Upper

56 100

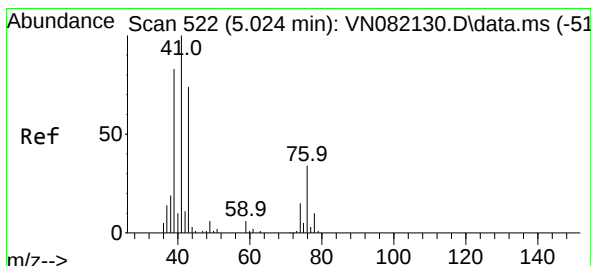
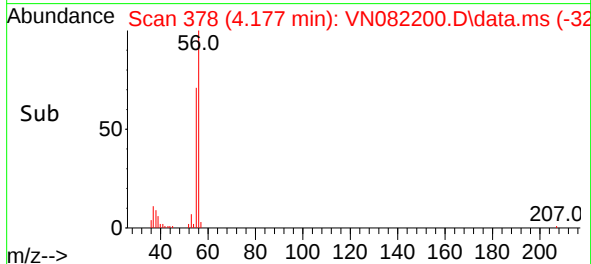
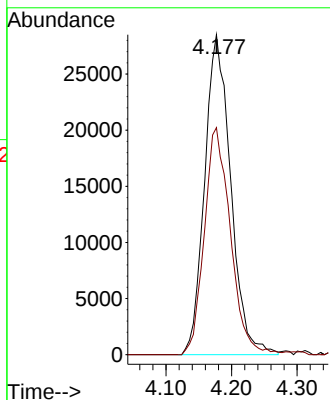
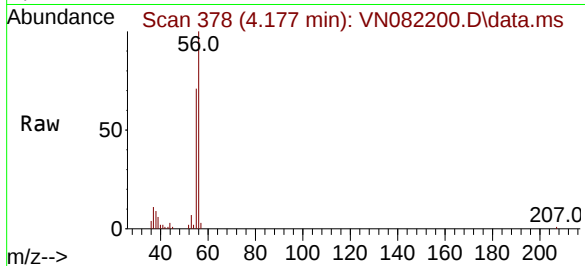
55 71.1 55.8 83.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/21/2024

Supervised By :Mahesh Dadoda 05/21/2024



#14

Allyl chloride

Concen: 44.291 ug/l

RT: 5.024 min Scan# 522

Delta R.T. -0.000 min

Lab File: VN082200.D

Acq: 20 May 2024 11:02

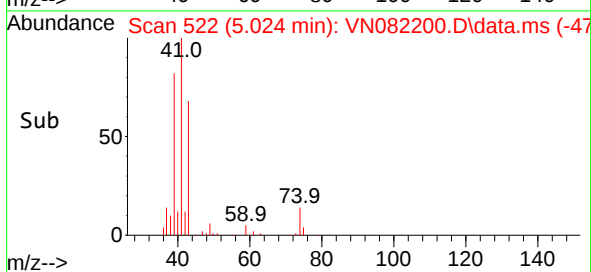
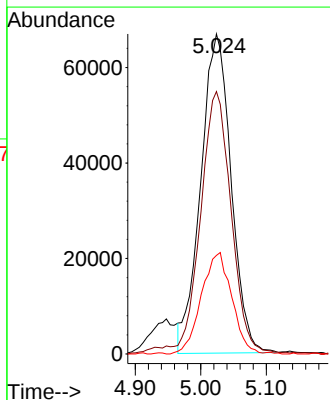
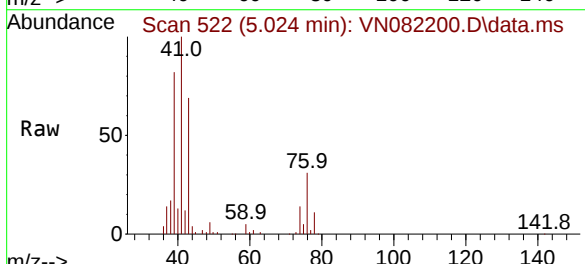
Tgt Ion: 41 Resp: 215223

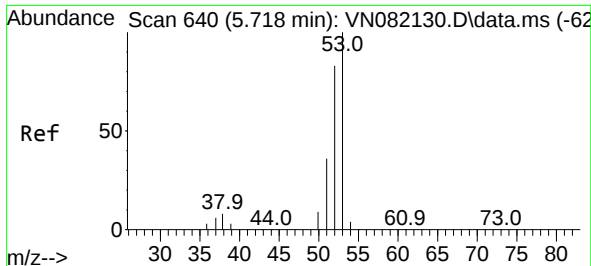
Ion Ratio Lower Upper

41 100

39 84.2 65.4 98.0

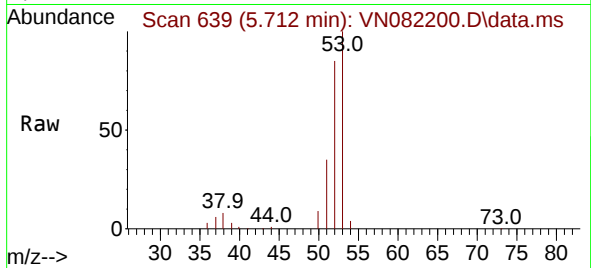
76 31.8 37.3 55.9#





#15
Acrylonitrile
Concen: 233.483 ug/l
RT: 5.712 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN082200.D
Acq: 20 May 2024 11:02

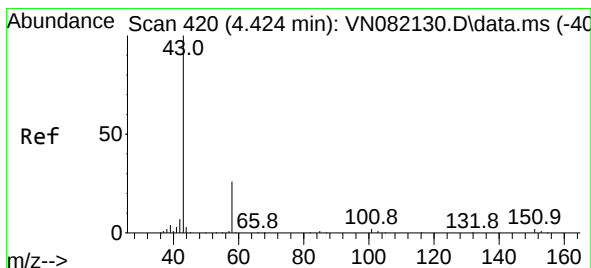
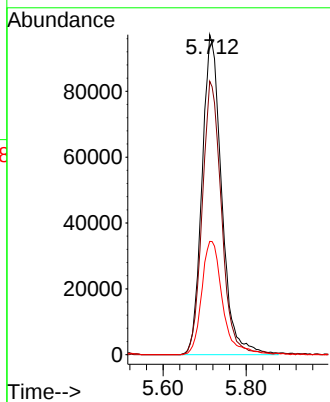
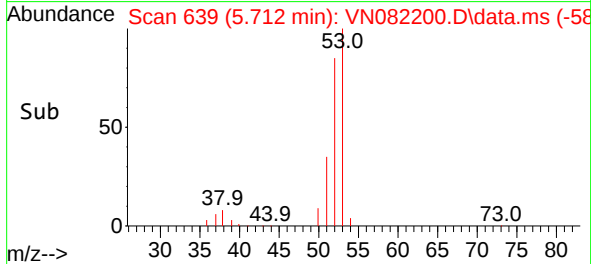
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 318520
Ion Ratio Lower Upper
53 100
52 83.6 66.1 99.1
51 37.7 29.4 44.2

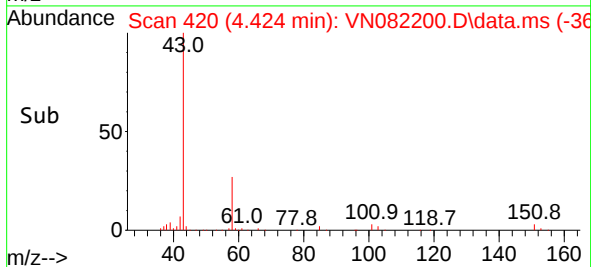
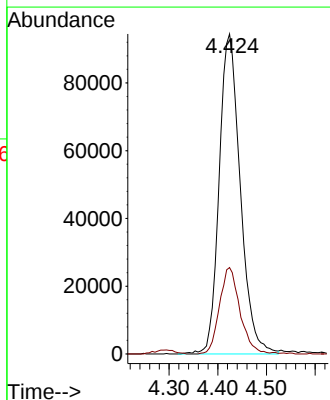
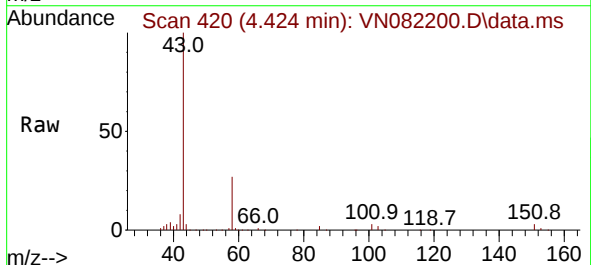
Manual Integrations
APPROVED

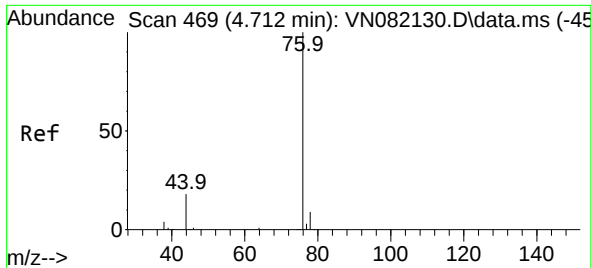
Reviewed By :John Carlone 05/21/2024
Supervised By :Mahesh Dadoda 05/21/2024



#16
Acetone
Concen: 211.475 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN082200.D
Acq: 20 May 2024 11:02

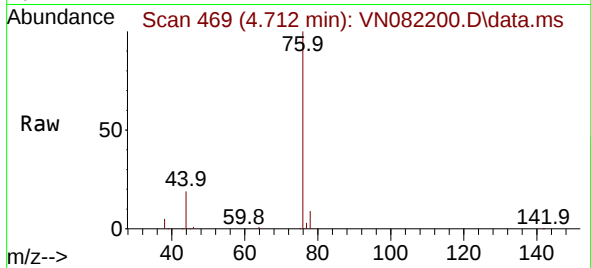
Tgt Ion: 43 Resp: 284674
Ion Ratio Lower Upper
43 100
58 26.8 25.2 37.8





#17
Carbon Disulfide
Concen: 44.007 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN082200.D
Acq: 20 May 2024 11:02

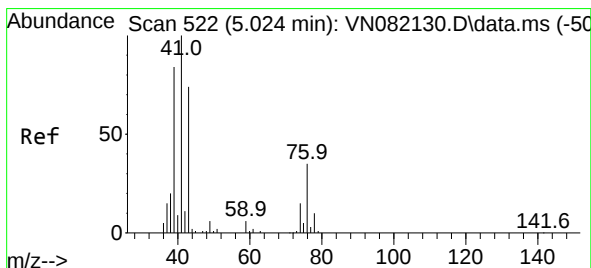
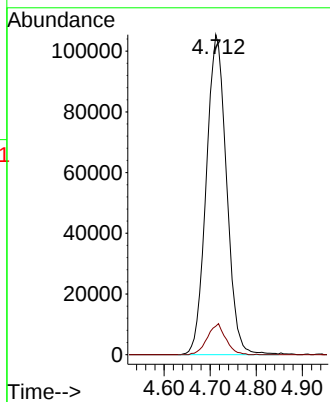
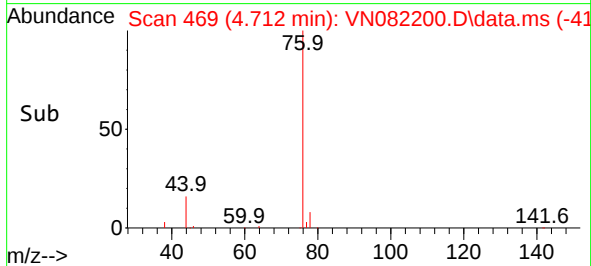
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 322592
Ion Ratio Lower Upper
76 100
78 8.9 7.5 11.3

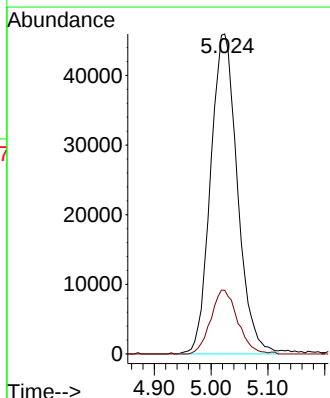
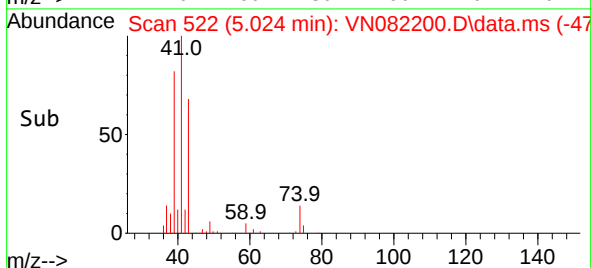
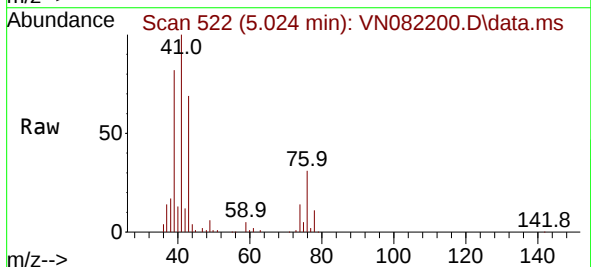
Manual Integrations
APPROVED

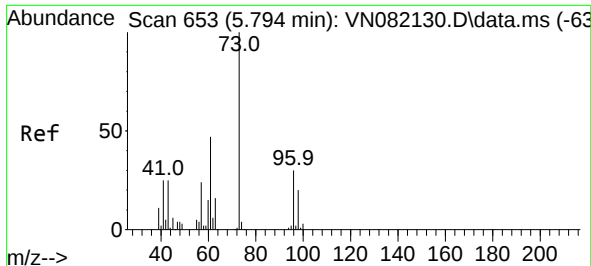
Reviewed By :John Carlone 05/21/2024
Supervised By :Mahesh Dadoda 05/21/2024



#18
Methyl Acetate
Concen: 44.969 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN082200.D
Acq: 20 May 2024 11:02

Tgt Ion: 43 Resp: 150755
Ion Ratio Lower Upper
43 100
74 20.1 22.2 33.2#





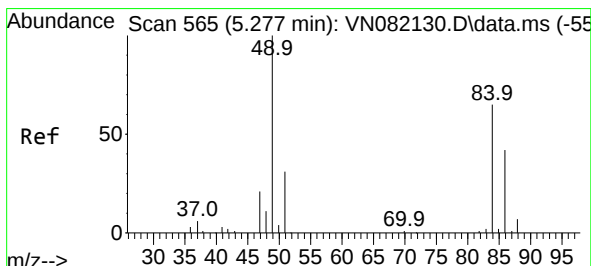
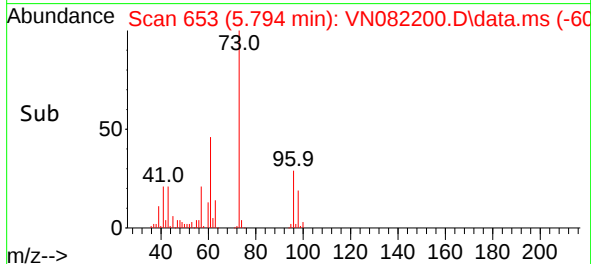
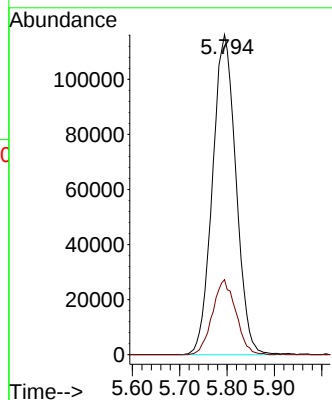
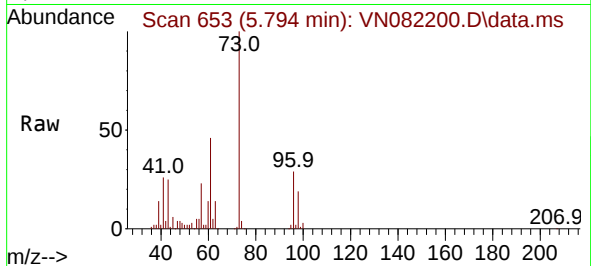
#19
Methyl tert-butyl Ether
Concen: 48.258 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN082200.D
Acq: 20 May 2024 11:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 40035
Ion Ratio Lower Upper
73 100
57 23.4 16.5 24.7

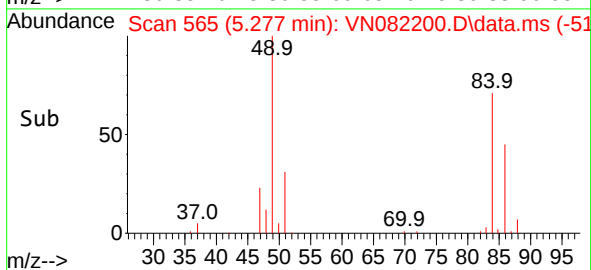
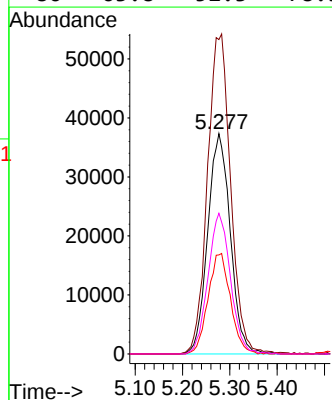
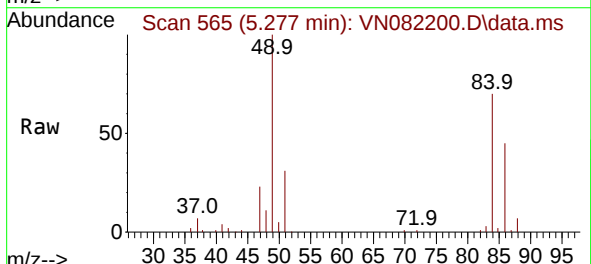
Manual Integrations
APPROVED

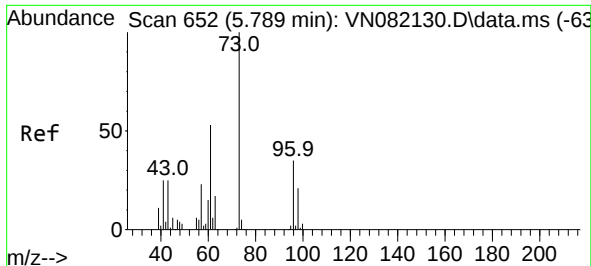
Reviewed By :John Carlone 05/21/2024
Supervised By :Mahesh Dadoda 05/21/2024



#20
Methylene Chloride
Concen: 45.621 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN082200.D
Acq: 20 May 2024 11:02

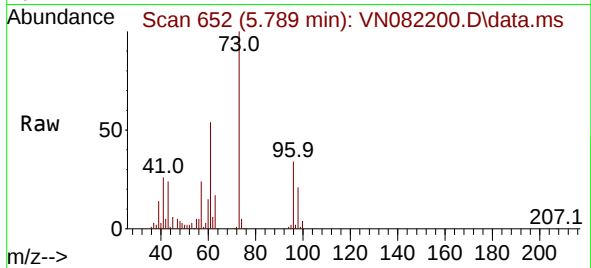
Tgt Ion: 84 Resp: 123907
Ion Ratio Lower Upper
84 100
49 142.7 84.9 127.3#
51 44.9 27.0 40.6#
86 63.8 52.3 78.5





#21
trans-1,2-Dichloroethene
Concen: 46.972 ug/l
RT: 5.789 min Scan# 652
Delta R.T. -0.000 min
Lab File: VN082200.D
Acq: 20 May 2024 11:02

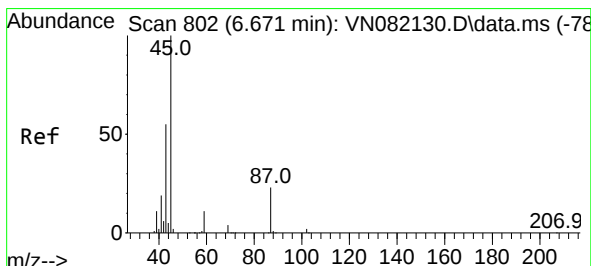
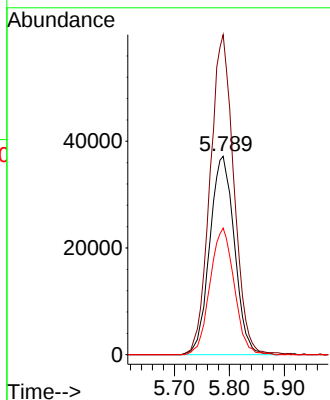
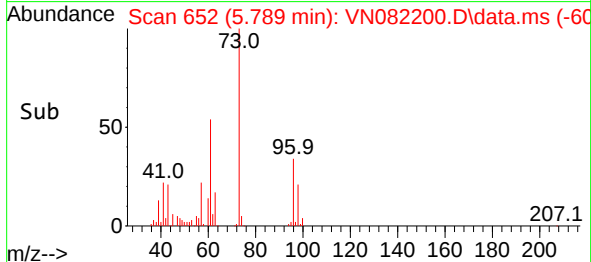
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 116178
Ion Ratio Lower Upper
96 100
61 161.2 96.5 144.7
98 63.7 51.3 76.9

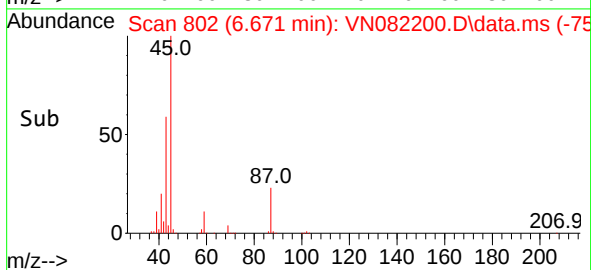
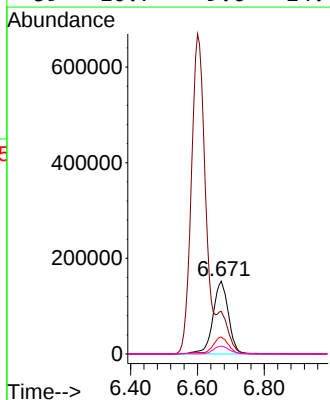
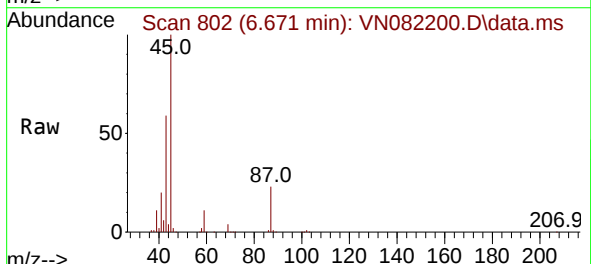
Manual Integrations
APPROVED

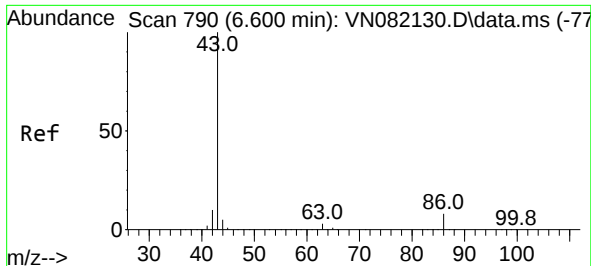
Reviewed By :John Carlone 05/21/2024
Supervised By :Mahesh Dadoda 05/21/2024



#22
Diisopropyl ether
Concen: 48.136 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN082200.D
Acq: 20 May 2024 11:02

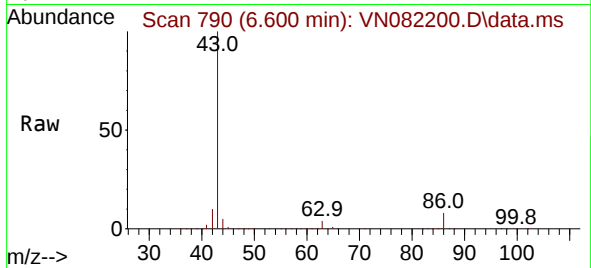
Tgt Ion: 45 Resp: 488424
Ion Ratio Lower Upper
45 100
43 58.0 44.1 66.1
87 23.4 27.0 40.6
59 10.7 9.6 14.4





#23
 Vinyl Acetate
 Concen: 241.623 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN082200.D
 Acq: 20 May 2024 11:02

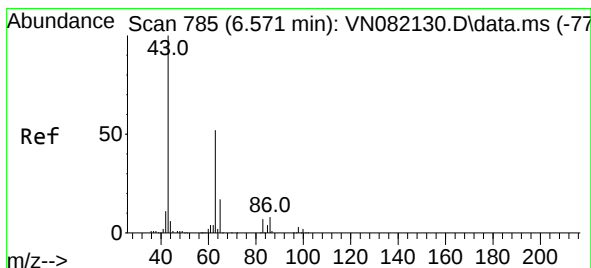
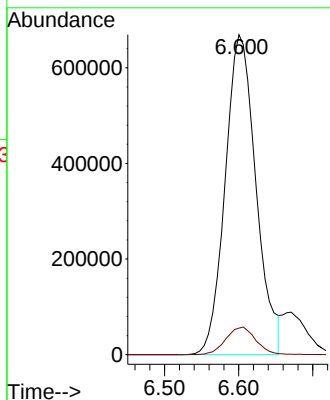
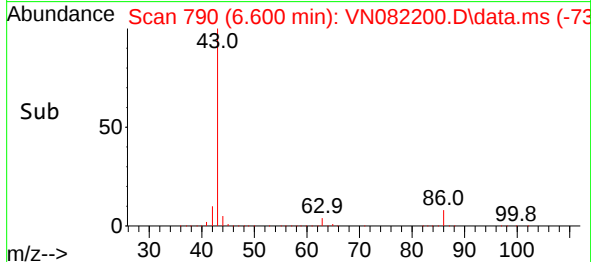
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



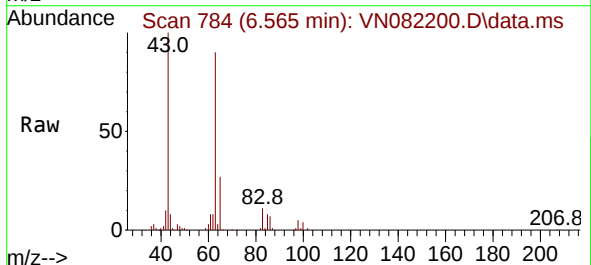
Tgt Ion: 43 Resp: 193299
 Ion Ratio Lower Upper
 43 100
 86 8.3 10.2 15.4

Manual Integrations
 APPROVED

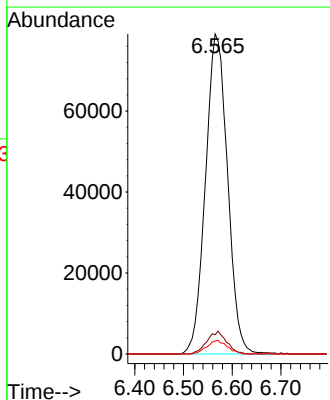
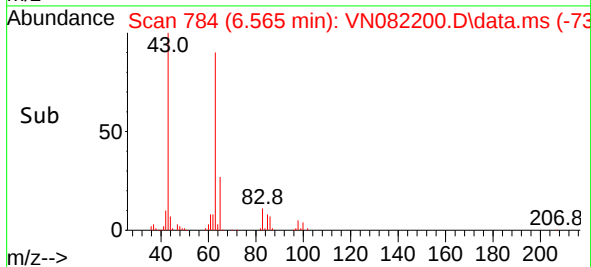
Reviewed By :John Carlone 05/21/2024
 Supervised By :Mahesh Dadoda 05/21/2024

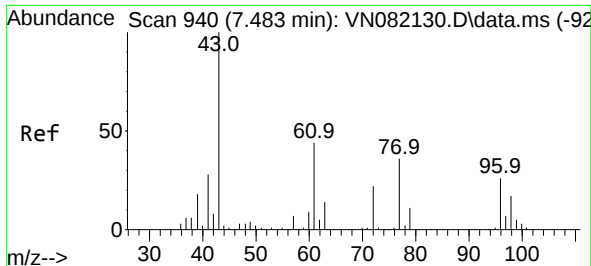


#24
 1,1-Dichloroethane
 Concen: 47.574 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.006 min
 Lab File: VN082200.D
 Acq: 20 May 2024 11:02



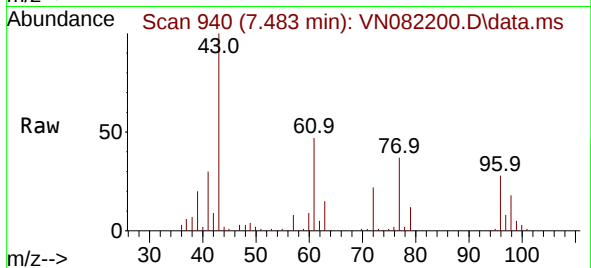
Tgt Ion: 63 Resp: 248813
 Ion Ratio Lower Upper
 63 100
 98 6.0 3.6 10.9
 100 4.1 2.6 7.8





#25
2-Butanone
Concen: 226.783 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN082200.D
Acq: 20 May 2024 11:02

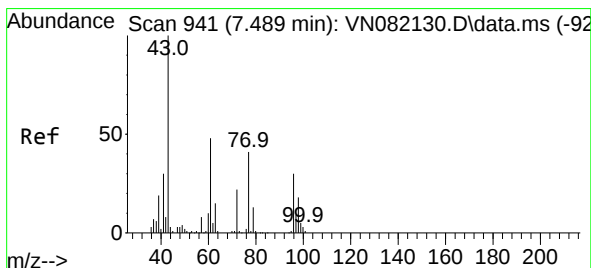
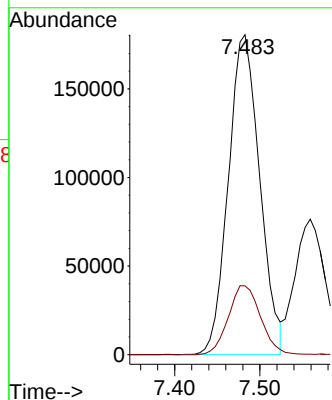
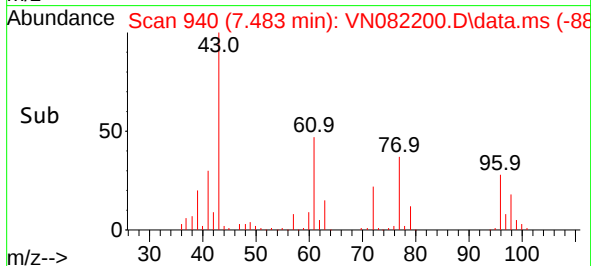
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 462854
Ion Ratio Lower Upper
43 100
72 21.5 25.3 37.9

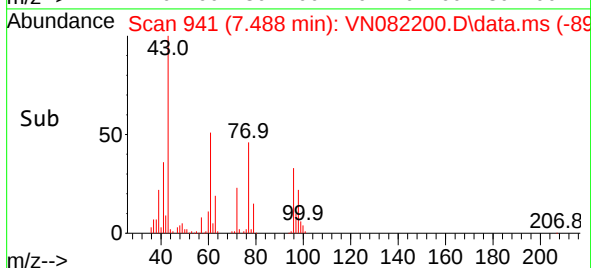
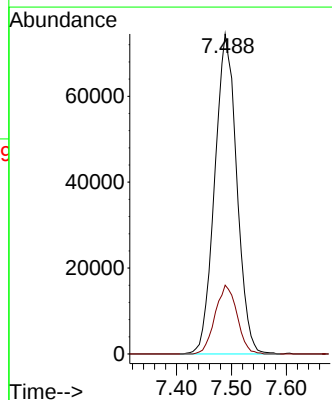
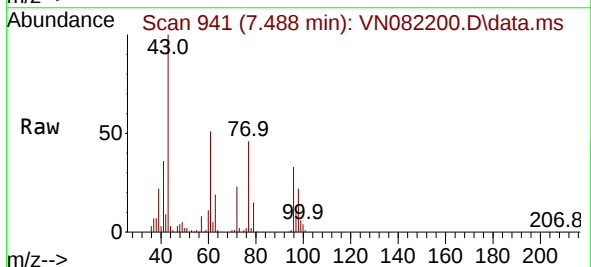
Manual Integrations
APPROVED

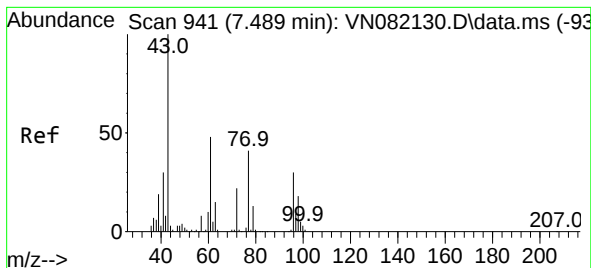
Reviewed By :John Carlone 05/21/2024
Supervised By :Mahesh Dadoda 05/21/2024



#26
2,2-Dichloropropane
Concen: 47.389 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN082200.D
Acq: 20 May 2024 11:02

Tgt Ion: 77 Resp: 207590
Ion Ratio Lower Upper
77 100
97 21.3 11.3 33.9





#27

cis-1,2-Dichloroethene

Concen: 47.646 ug/l

RT: 7.488 min Scan# 941

Delta R.T. -0.000 min

Lab File: VN082200.D

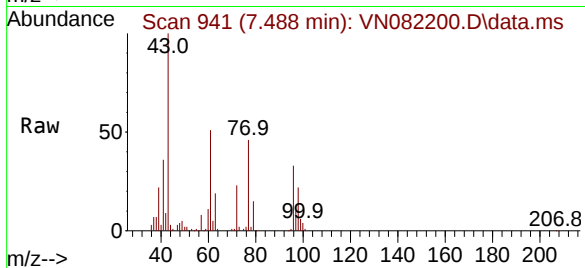
Acq: 20 May 2024 11:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



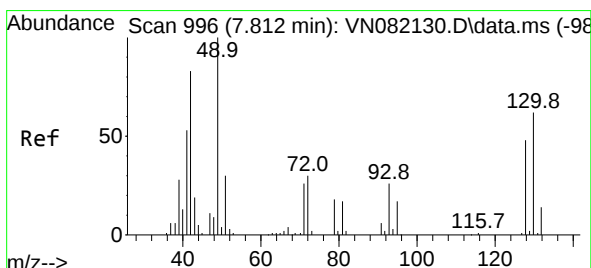
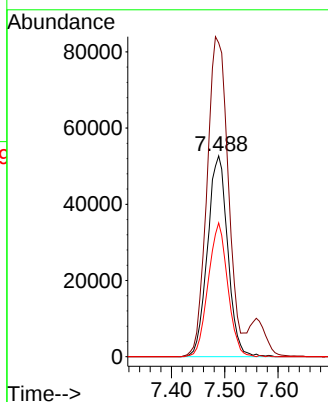
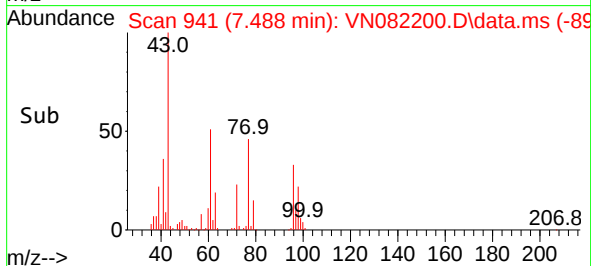
Tgt Ion:	96	Resp:	139075
Ion Ratio	100	Lower	Upper
96	100		
61	167.4	0.0	268.0
98	64.2	0.0	126.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/21/2024

Supervised By :Mahesh Dadoda 05/21/2024



#28

Bromochloromethane

Concen: 48.558 ug/l

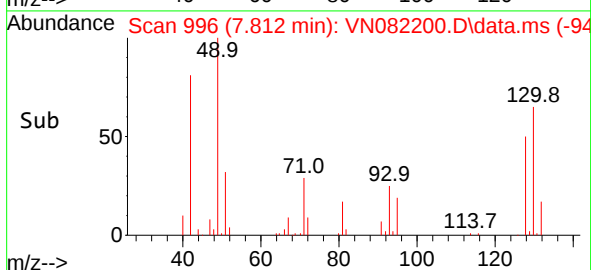
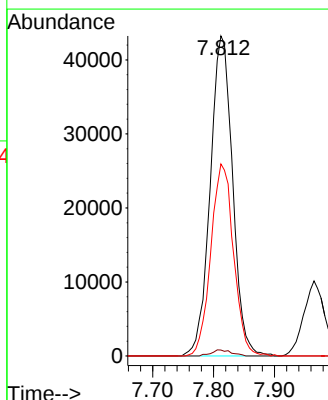
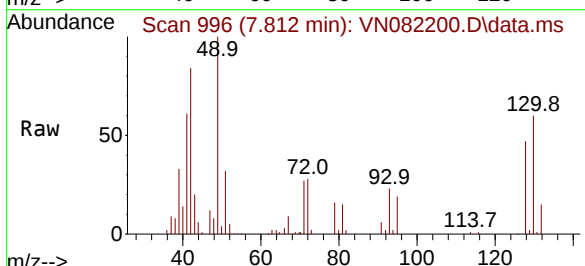
RT: 7.812 min Scan# 996

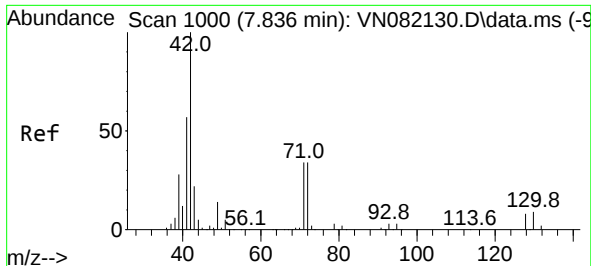
Delta R.T. -0.000 min

Lab File: VN082200.D

Acq: 20 May 2024 11:02

Tgt Ion:	49	Resp:	110521
Ion Ratio	100	Lower	Upper
49	100		
129	1.7	0.0	4.6
130	60.9	66.7	100.1





#29

Tetrahydrofuran

Concen: 237.627 ug/l

RT: 7.841 min Scan# 1000

Delta R.T. 0.005 min

Lab File: VN082200.D

Acq: 20 May 2024 11:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 31138

Ion Ratio Lower Upper

42 100

72 36.4 39.3 58.9

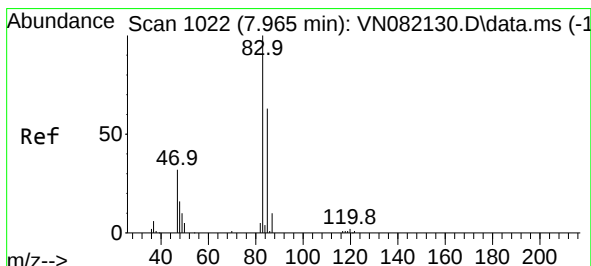
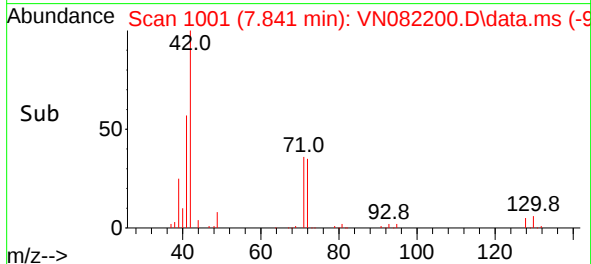
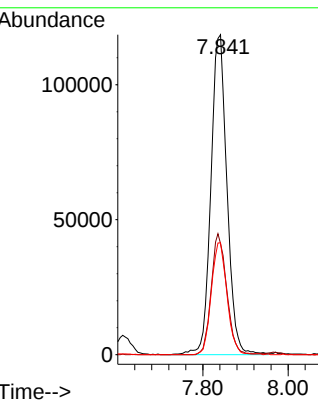
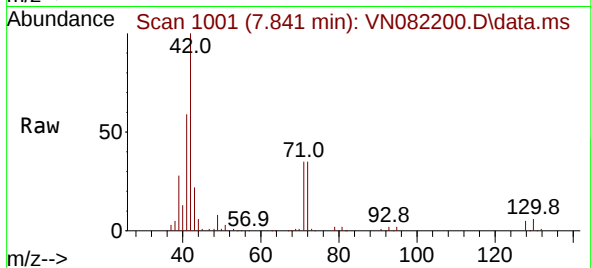
71 34.1 37.4 56.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/21/2024

Supervised By :Mahesh Dadoda 05/21/2024



#30

Chloroform

Concen: 48.359 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VN082200.D

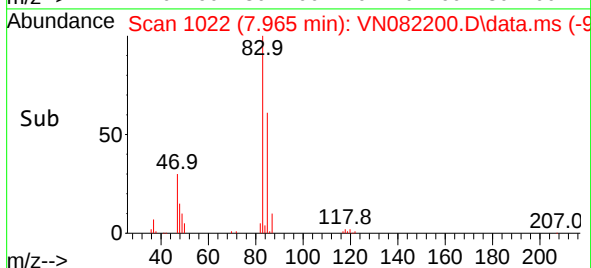
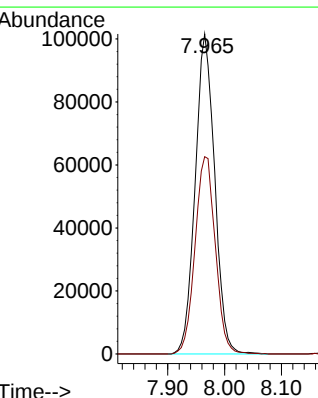
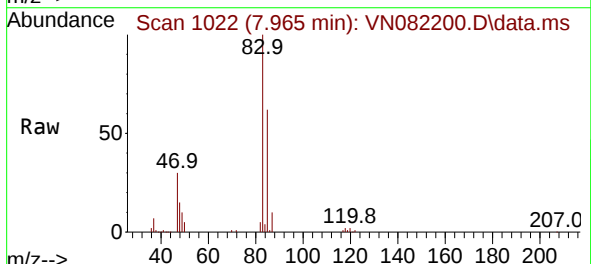
Acq: 20 May 2024 11:02

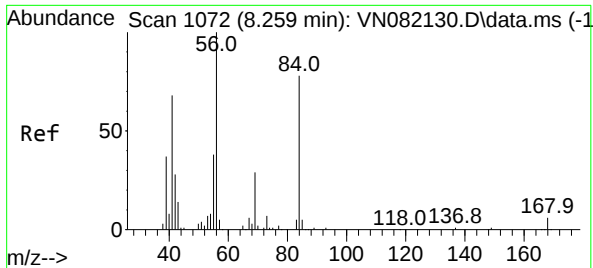
Tgt Ion: 83 Resp: 241520

Ion Ratio Lower Upper

83 100

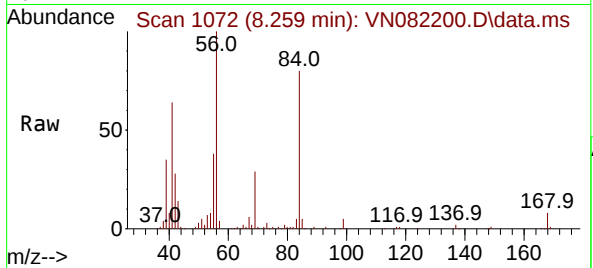
85 61.6 50.7 76.1





#31
Cyclohexane
Concen: 42.710 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.000 min
Lab File: VN082200.D
Acq: 20 May 2024 11:02

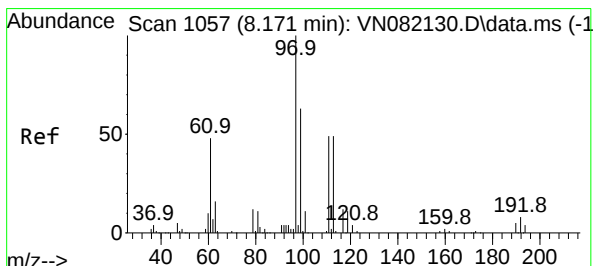
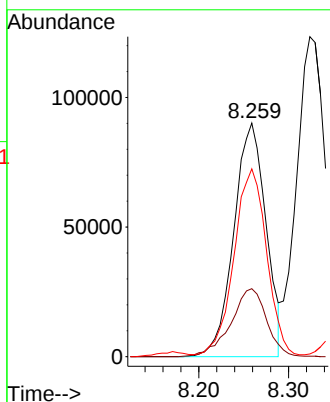
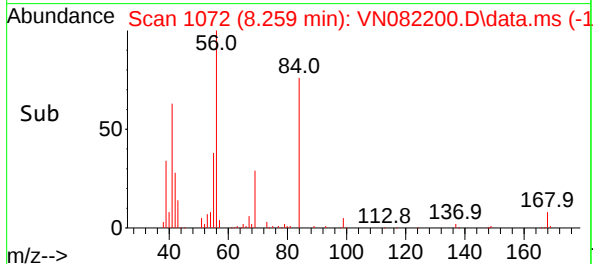
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



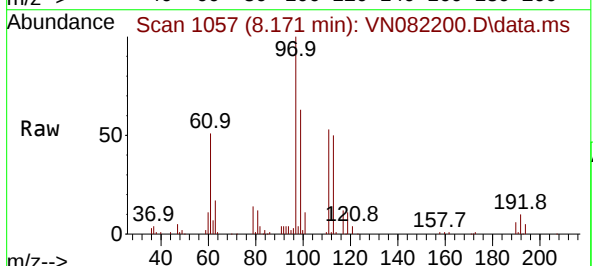
Tgt Ion: 56 Resp: 223840
Ion Ratio Lower Upper
56 100
69 29.1 24.4 36.6
84 78.7 77.0 115.4

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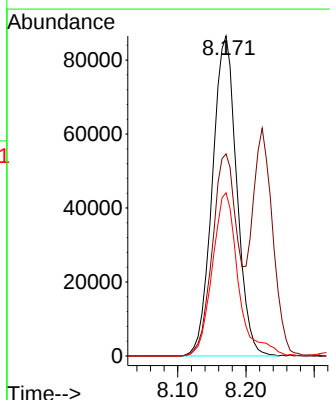
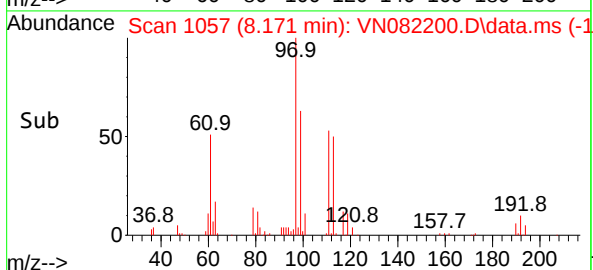
Reviewed By :John Carlone 05/21/2024
Supervised By :Mahesh Dadoda 05/21/2024

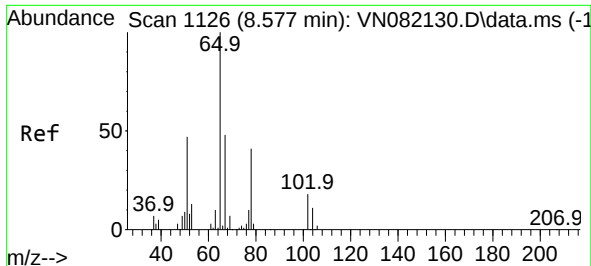


#32
1,1,1-Trichloroethane
Concen: 48.554 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN082200.D
Acq: 20 May 2024 11:02



Tgt Ion: 97 Resp: 215135
Ion Ratio Lower Upper
97 100
99 63.1 50.3 75.5
61 54.4 36.6 55.0





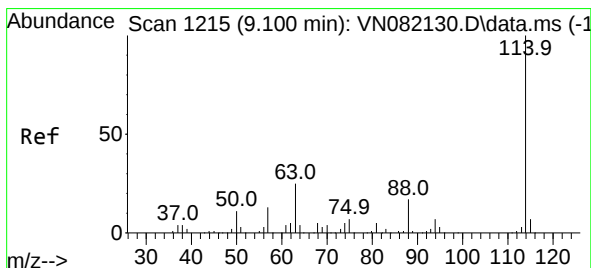
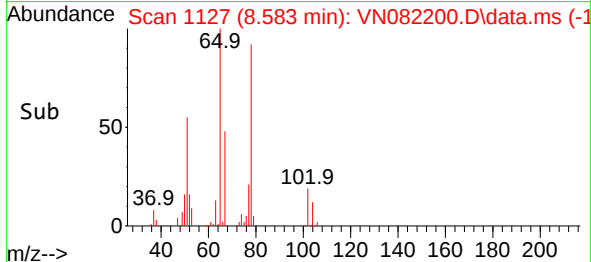
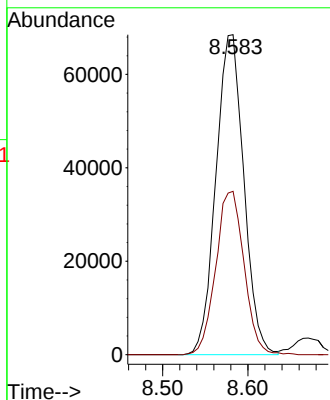
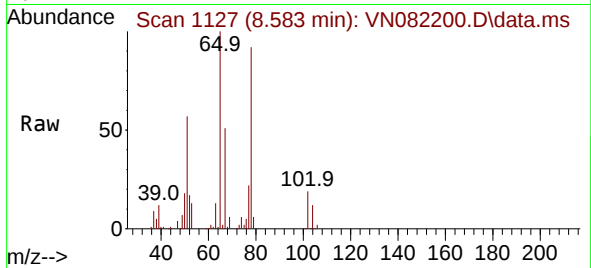
#33
1,2-Dichloroethane-d4
Concen: 47.557 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN082200.D
Acq: 20 May 2024 11:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 65 Resp: 156058
Ion Ratio Lower Upper
65 100
67 51.7 0.0 103.0

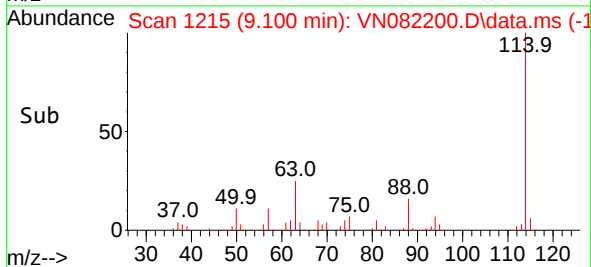
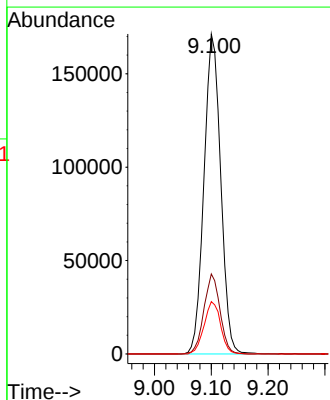
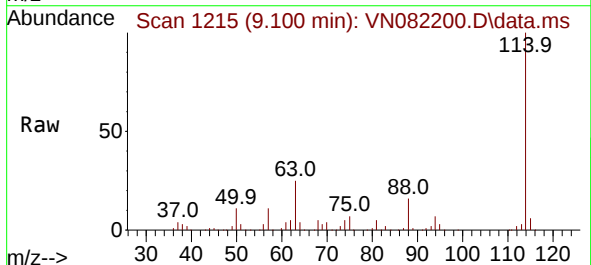
Manual Integrations
APPROVED

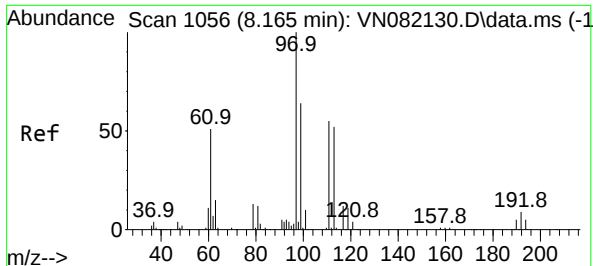
Reviewed By :John Carlone 05/21/2024
Supervised By :Mahesh Dadoda 05/21/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN082200.D
Acq: 20 May 2024 11:02

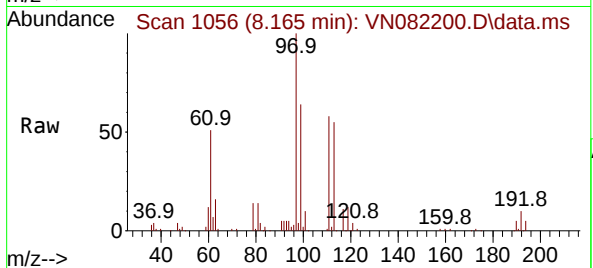
Tgt Ion:114 Resp: 349407
Ion Ratio Lower Upper
114 100
63 25.0 0.0 41.0
88 16.3 0.0 31.4





#35
Dibromofluoromethane
Concen: 50.857 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN082200.D
Acq: 20 May 2024 11:02

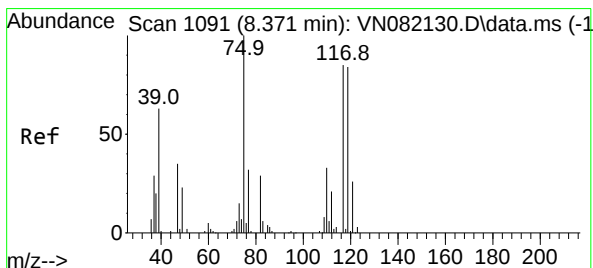
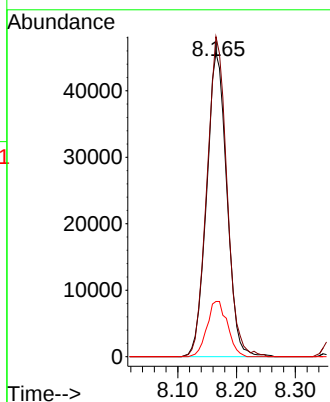
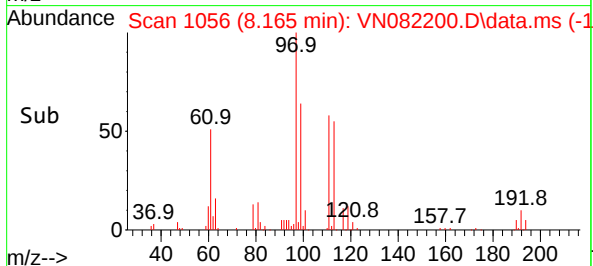
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 113 Resp: 10931
Ion Ratio Lower Upper
113 100
111 104.0 83.4 125.2
192 18.4 14.0 21.0

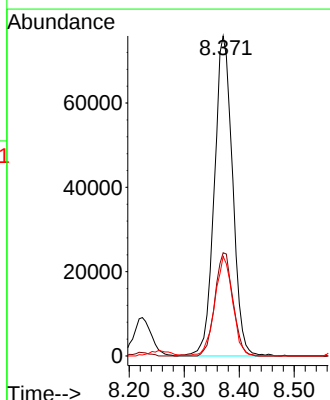
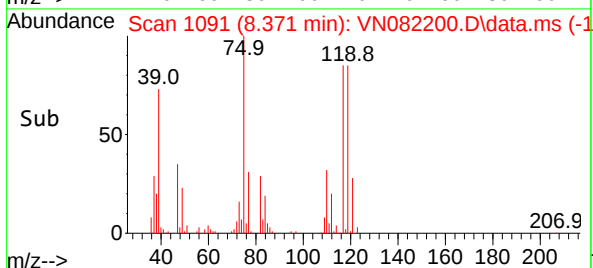
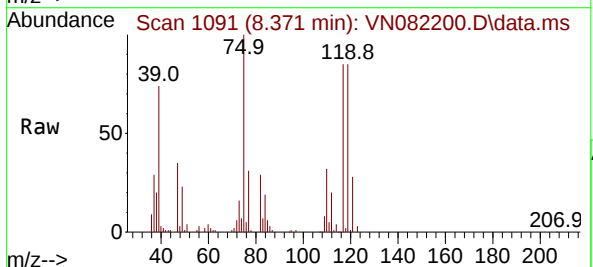
Manual Integrations
APPROVED

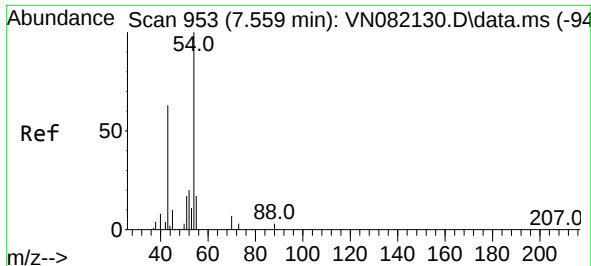
Reviewed By :John Carlone 05/21/2024
Supervised By :Mahesh Dadoda 05/21/2024



#36
1,1-Dichloropropene
Concen: 48.514 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN082200.D
Acq: 20 May 2024 11:02

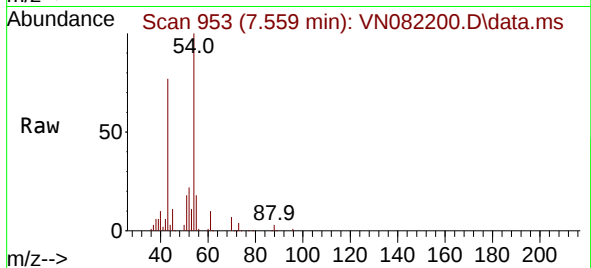
Tgt Ion: 75 Resp: 174886
Ion Ratio Lower Upper
75 100
110 31.9 17.8 53.5
77 30.4 25.0 37.4





#37
Ethyl Acetate
Concen: 48.746 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN082200.D
Acq: 20 May 2024 11:02

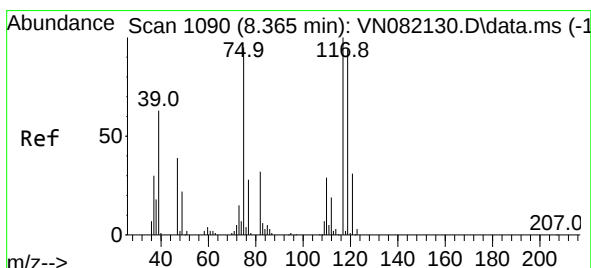
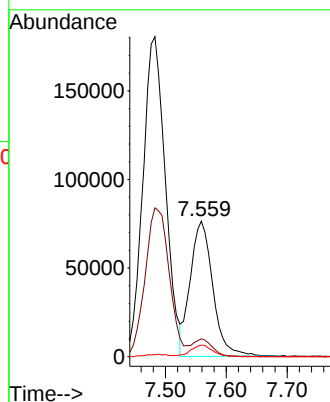
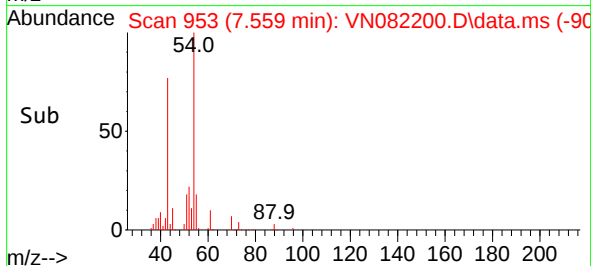
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 19665
Ion Ratio Lower Upper
43 100
61 11.7 11.3 16.9
70 8.2 8.7 13.1

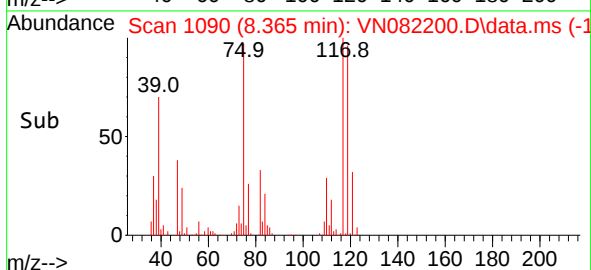
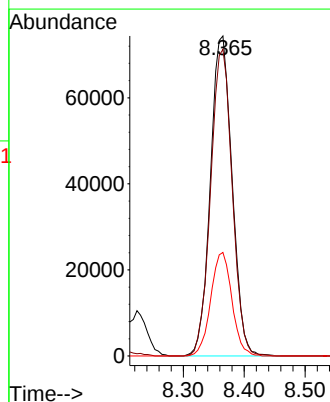
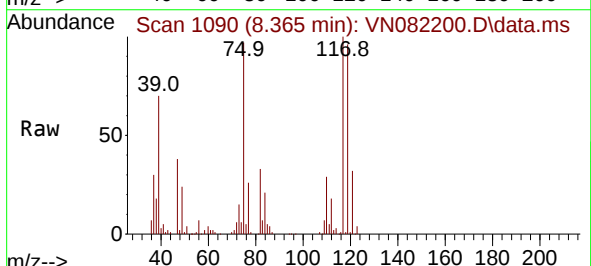
Manual Integrations
APPROVED

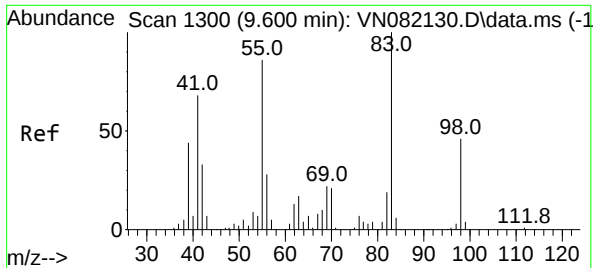
Reviewed By :John Carlone 05/21/2024
Supervised By :Mahesh Dadoda 05/21/2024



#38
Carbon Tetrachloride
Concen: 50.383 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VN082200.D
Acq: 20 May 2024 11:02

Tgt Ion:117 Resp: 184114
Ion Ratio Lower Upper
117 100
119 95.8 76.5 114.7
121 32.3 23.9 35.9





#39

Methylcyclohexane

Concen: 50.566 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN082200.D

Acq: 20 May 2024 11:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 19980

Ion Ratio Lower Upper

83 100

55 87.7 53.0 79.6

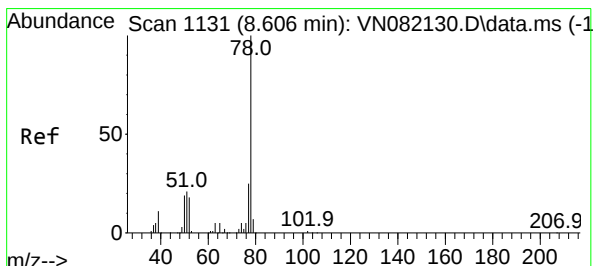
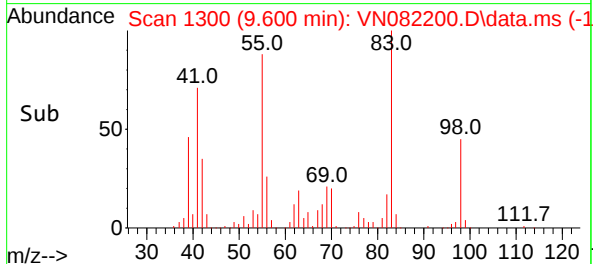
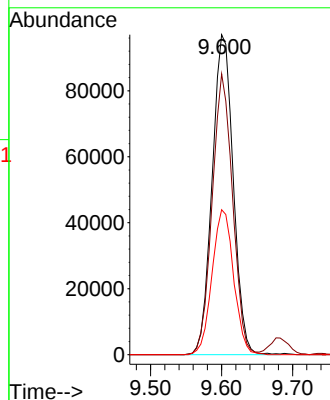
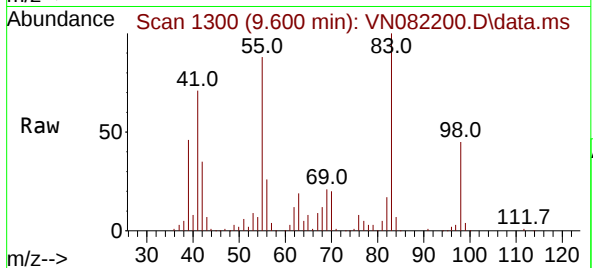
98 45.3 37.1 55.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/21/2024

Supervised By :Mahesh Dadoda 05/21/2024



#40

Benzene

Concen: 49.544 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VN082200.D

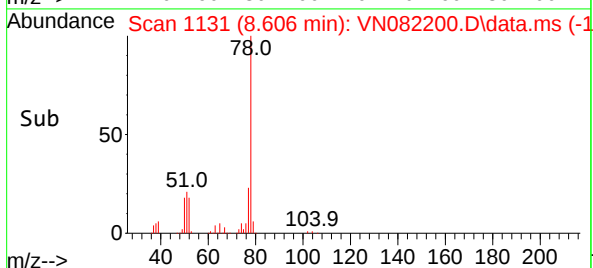
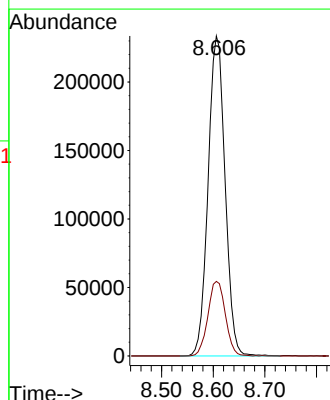
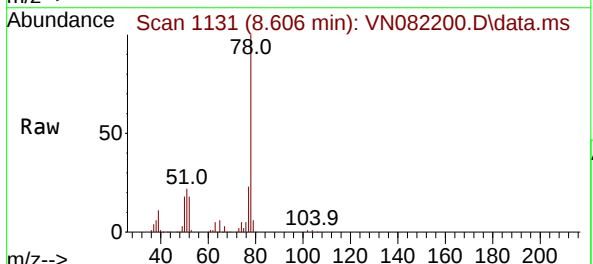
Acq: 20 May 2024 11:02

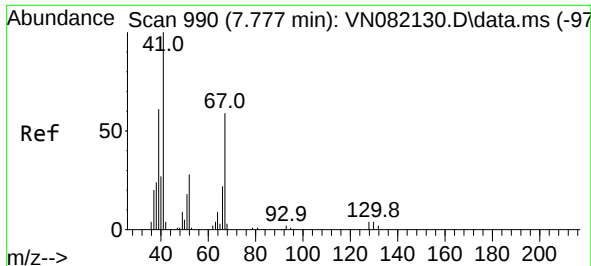
Tgt Ion: 78 Resp: 532584

Ion Ratio Lower Upper

78 100

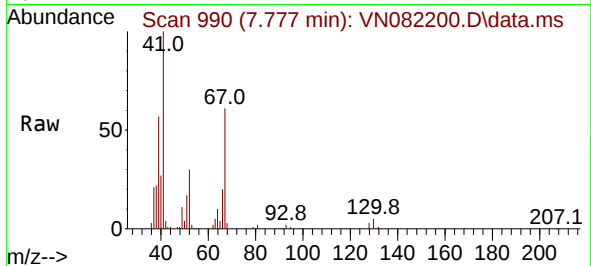
77 23.3 20.0 30.0





#41
Methacrylonitrile
Concen: 45.062 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN082200.D
Acq: 20 May 2024 11:02

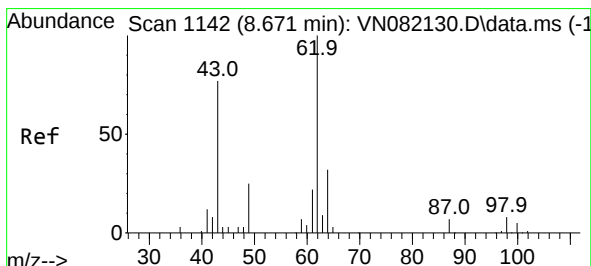
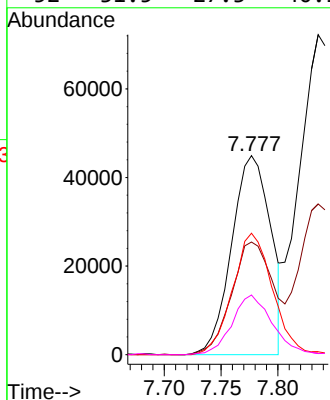
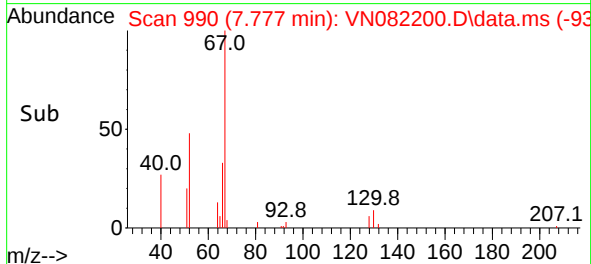
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 106914
Ion Ratio Lower Upper
41 100
39 61.8 46.6 69.8
67 63.0 67.3 100.9
52 31.5 27.3 40.9

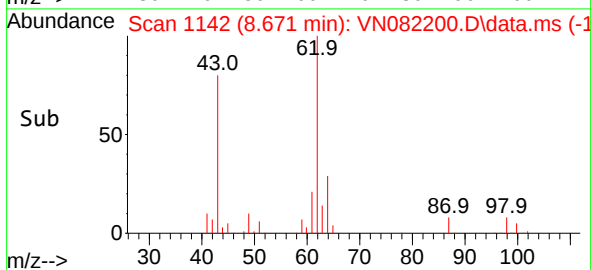
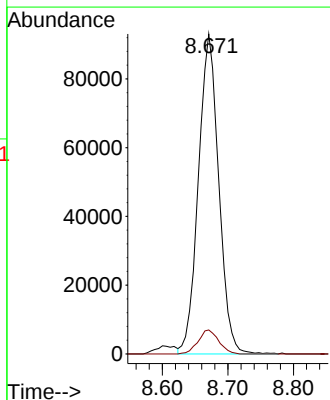
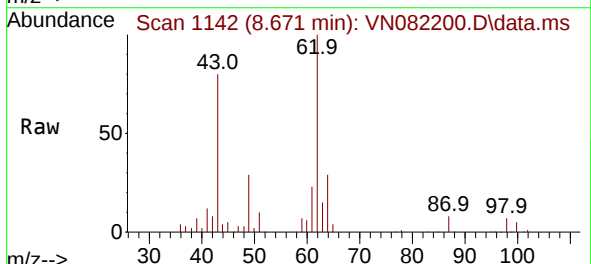
Manual Integrations
APPROVED

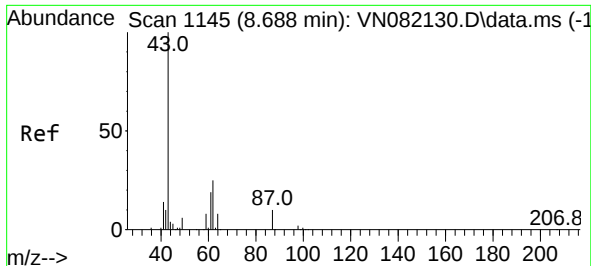
Reviewed By :John Carlone 05/21/2024
Supervised By :Mahesh Dadoda 05/21/2024



#42
1,2-Dichloroethane
Concen: 48.707 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN082200.D
Acq: 20 May 2024 11:02

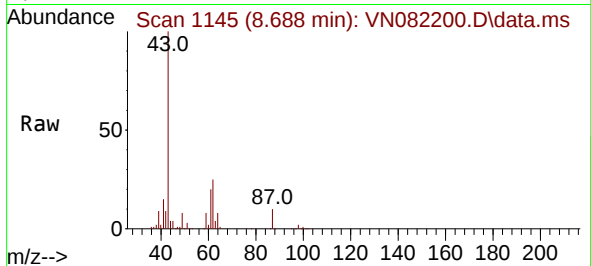
Tgt Ion: 62 Resp: 201374
Ion Ratio Lower Upper
62 100
98 7.6 0.0 19.6





#43
Isopropyl Acetate
Concen: 51.327 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN082200.D
Acq: 20 May 2024 11:02

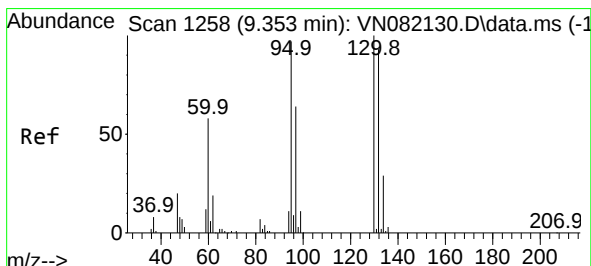
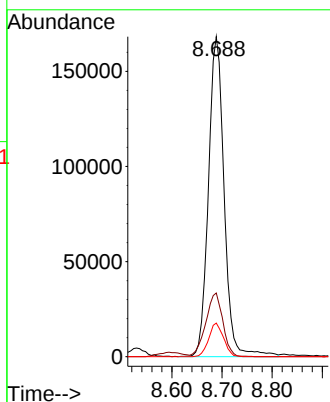
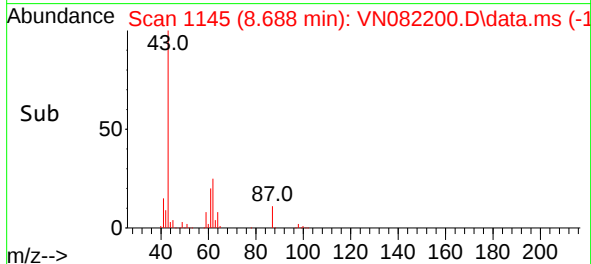
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 36691
Ion Ratio Lower Upper
43 100
61 21.6 22.8 34.2
87 9.9 12.0 18.0

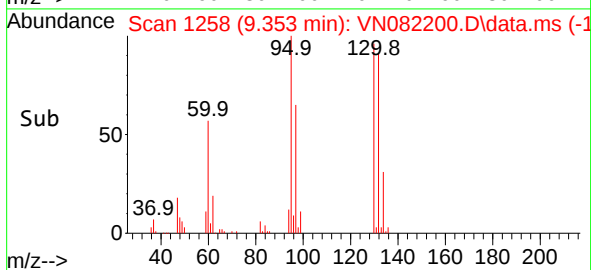
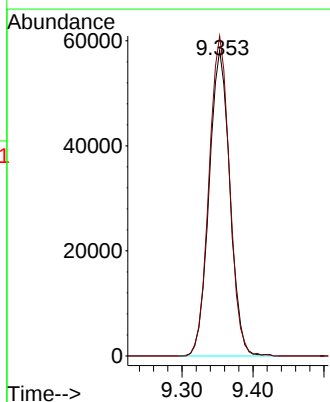
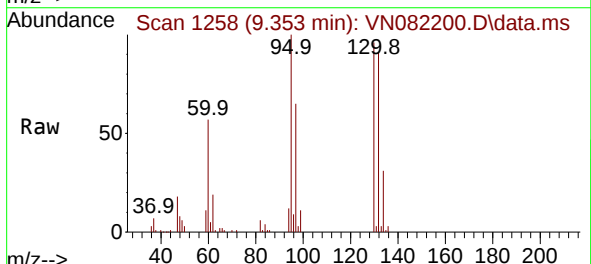
Manual Integrations
APPROVED

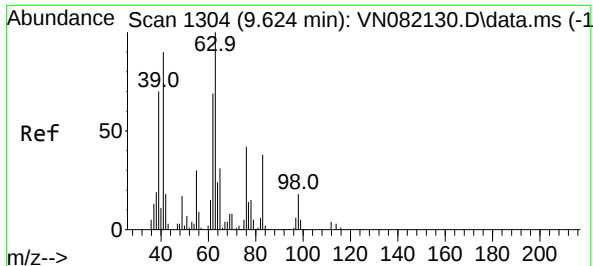
Reviewed By :John Carlone 05/21/2024
Supervised By :Mahesh Dadoda 05/21/2024



#44
Trichloroethene
Concen: 48.244 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN082200.D
Acq: 20 May 2024 11:02

Tgt Ion:130 Resp: 117804
Ion Ratio Lower Upper
130 100
95 104.6 0.0 195.4





#45

1,2-Dichloropropane

Concen: 49.200 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN082200.D

Acq: 20 May 2024 11:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 136460

Ion Ratio Lower Upper

63 100

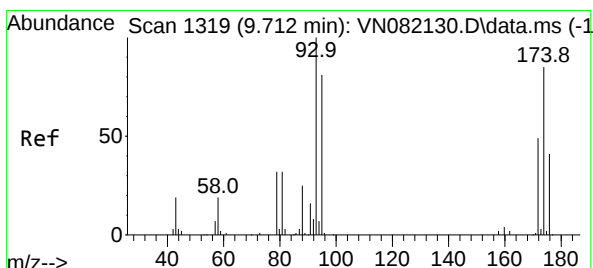
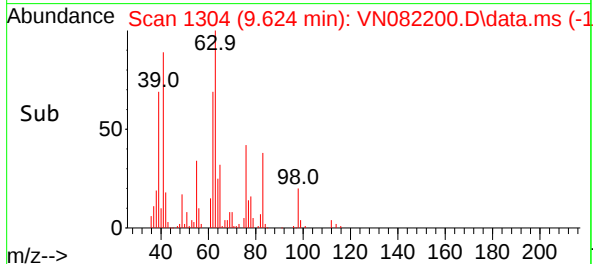
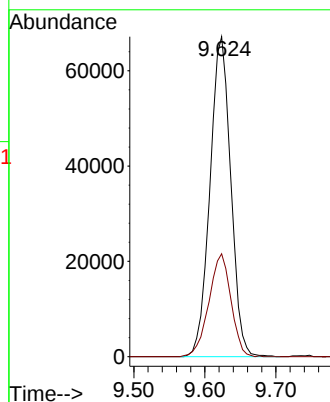
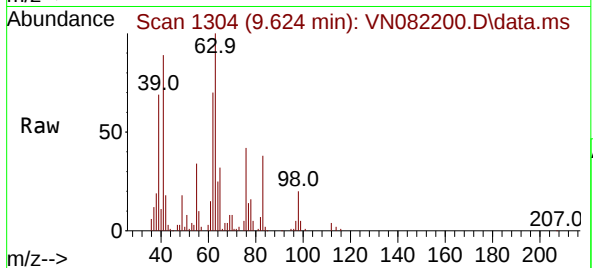
65 32.2 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/21/2024

Supervised By :Mahesh Dadoda 05/21/2024



#46

Dibromomethane

Concen: 48.734 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN082200.D

Acq: 20 May 2024 11:02

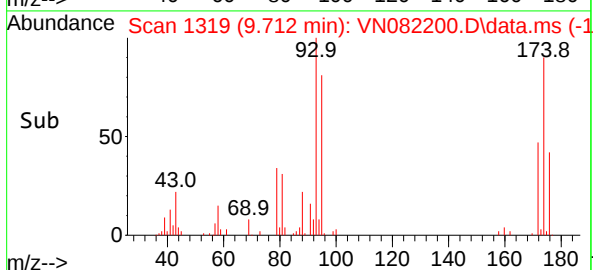
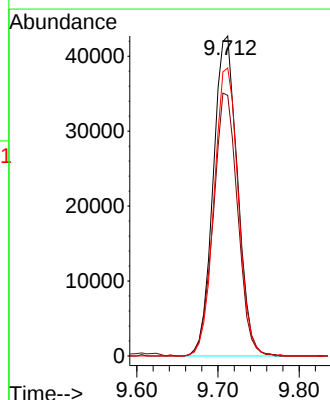
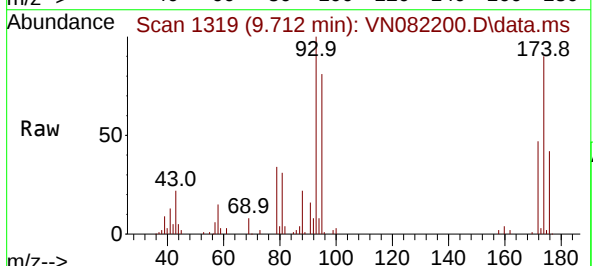
Tgt Ion: 93 Resp: 88740

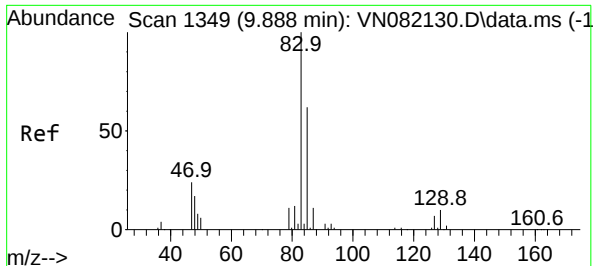
Ion Ratio Lower Upper

93 100

95 82.3 64.8 97.2

174 90.0 73.4 110.0





#47
Bromodichloromethane
Concen: 51.465 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN082200.D
Acq: 20 May 2024 11:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

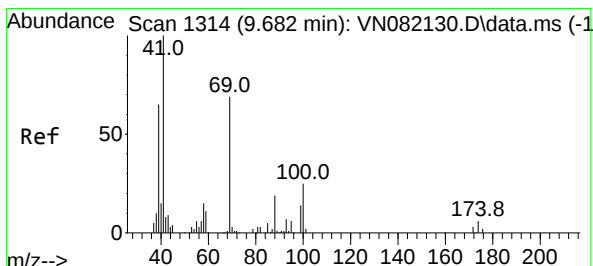
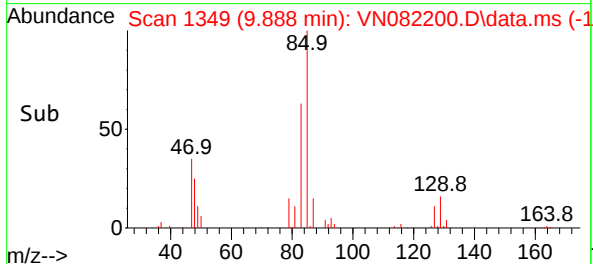
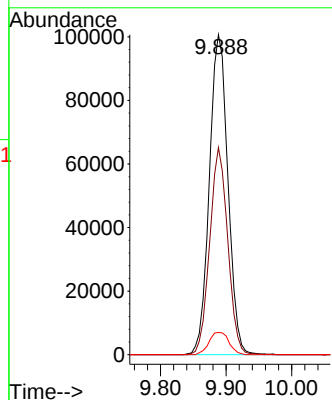
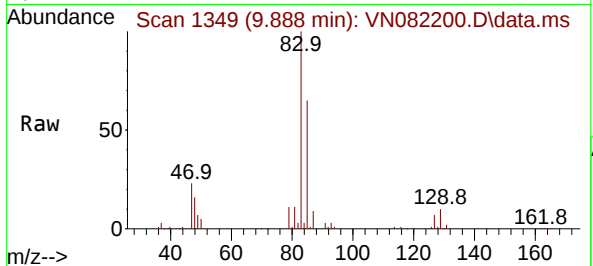
Tgt Ion: 83 Resp: 197838
Ion Ratio Lower Upper
83 100
85 64.7 51.9 77.9
127 6.9 7.5 11.3

Manual Integrations

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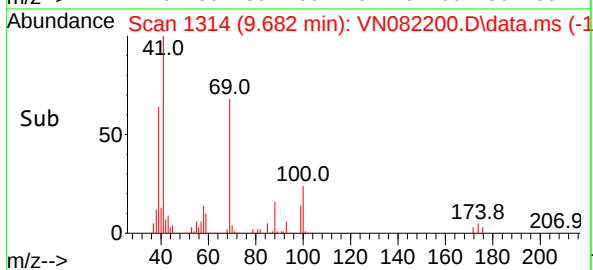
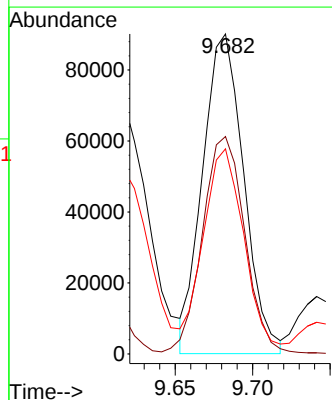
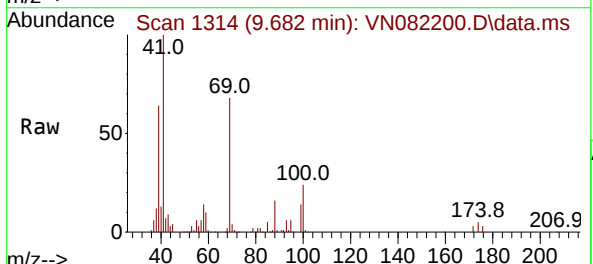
Reviewed By :John Carlone 05/21/2024

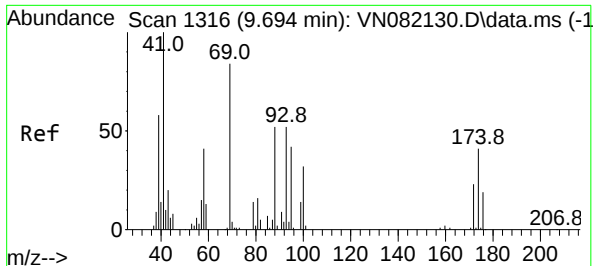
Supervised By :Mahesh Dadoda 05/21/2024



#48
Methyl methacrylate
Concen: 48.785 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN082200.D
Acq: 20 May 2024 11:02

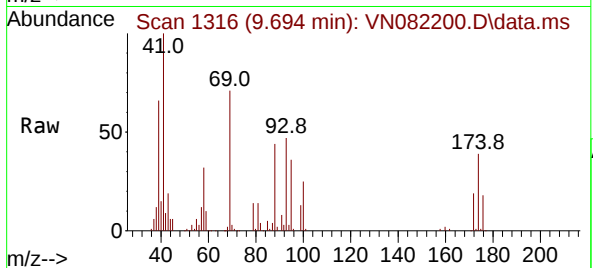
Tgt Ion: 41 Resp: 166174
Ion Ratio Lower Upper
41 100
69 70.5 77.9 116.9#
39 64.0 50.9 76.3





#49
1,4-Dioxane
Concen: 931.533 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VN082200.D
Acq: 20 May 2024 11:02

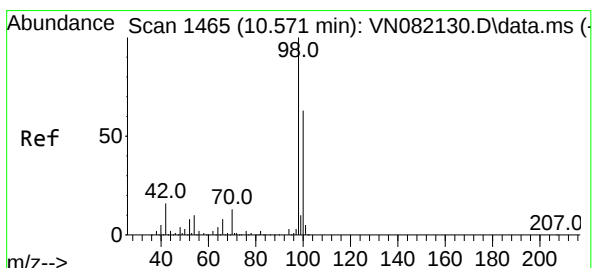
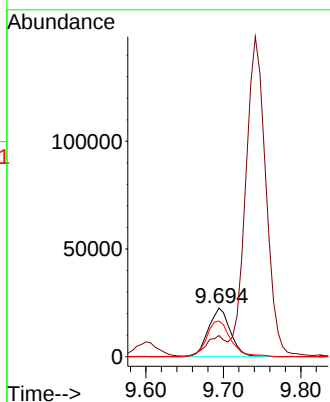
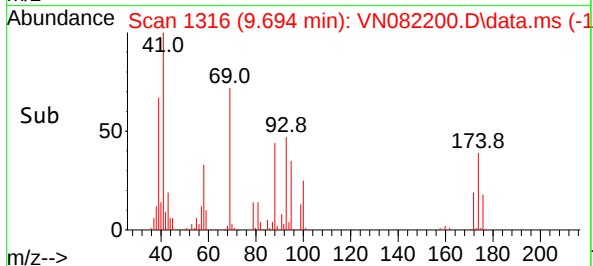
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



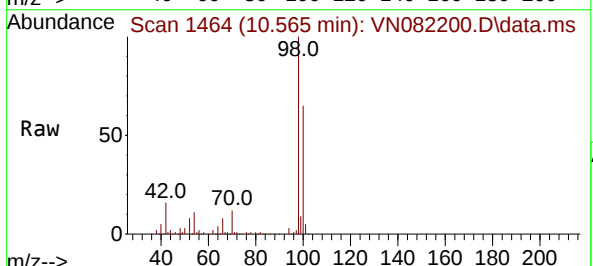
Tgt Ion: 88 Resp: 44463
Ion Ratio Lower Upper
88 100
43 39.4 19.0 28.6
58 80.8 50.6 76.0

Manual Integrations
APPROVED

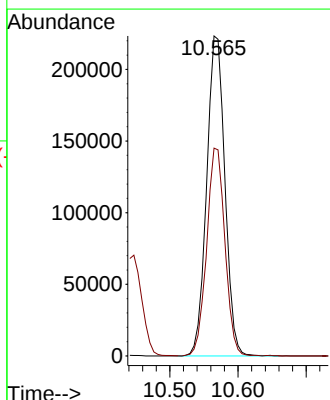
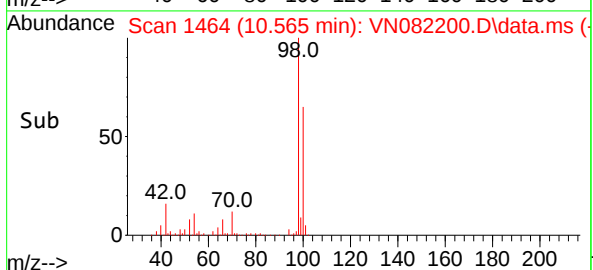
Reviewed By :John Carlone 05/21/2024
Supervised By :Mahesh Dadoda 05/21/2024

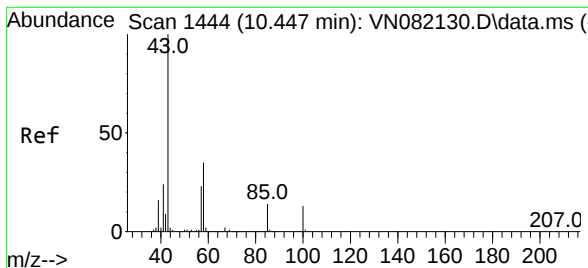


#50
Toluene-d8
Concen: 50.499 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN082200.D
Acq: 20 May 2024 11:02



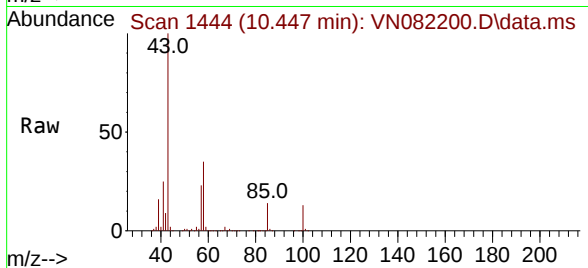
Tgt Ion: 98 Resp: 416144
Ion Ratio Lower Upper
98 100
100 64.9 51.8 77.6





#51
4-Methyl-2-Pentanone
Concen: 250.270 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN082200.D
Acq: 20 May 2024 11:02

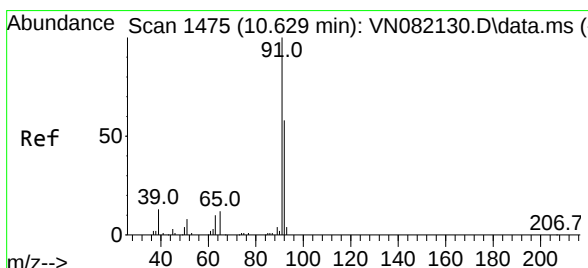
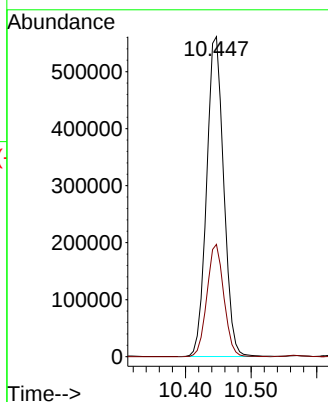
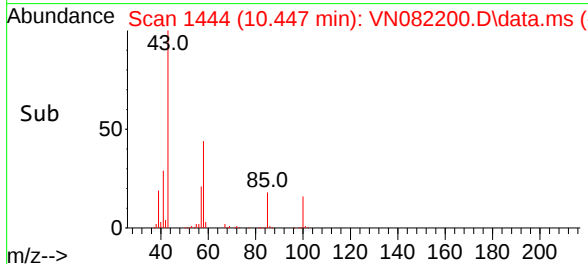
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 101648
Ion Ratio Lower Upper
43 100
58 34.8 33.2 49.8

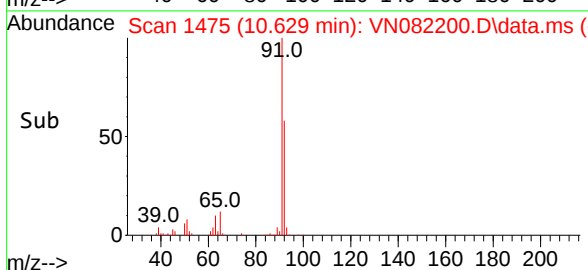
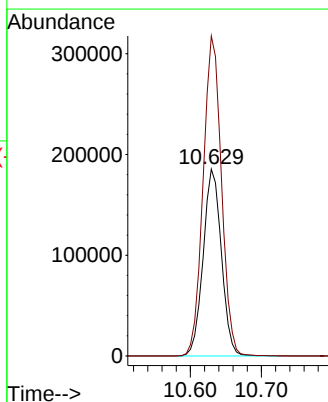
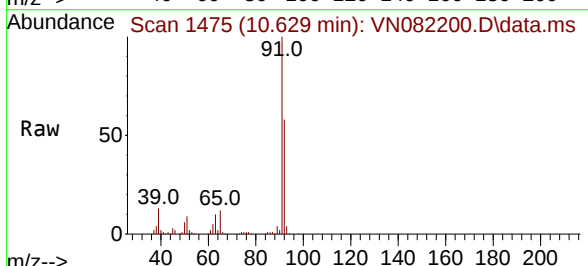
Manual Integrations
APPROVED

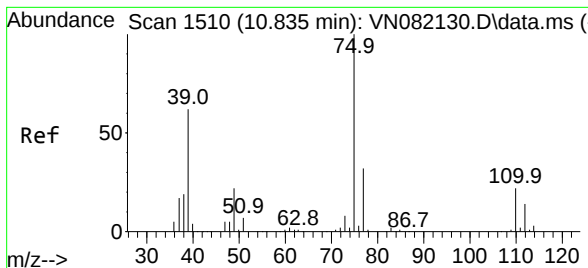
Reviewed By :John Carlone 05/21/2024
Supervised By :Mahesh Dadoda 05/21/2024



#52
Toluene
Concen: 51.285 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN082200.D
Acq: 20 May 2024 11:02

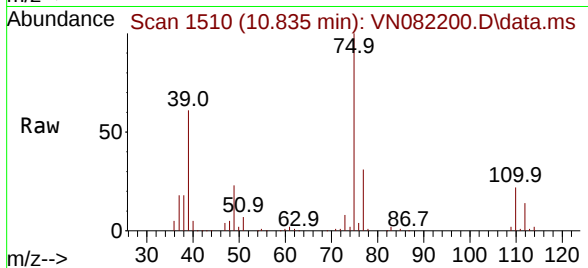
Tgt Ion: 92 Resp: 330838
Ion Ratio Lower Upper
92 100
91 172.6 136.7 205.1





#53
t-1,3-Dichloropropene
Concen: 51.964 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN082200.D
Acq: 20 May 2024 11:02

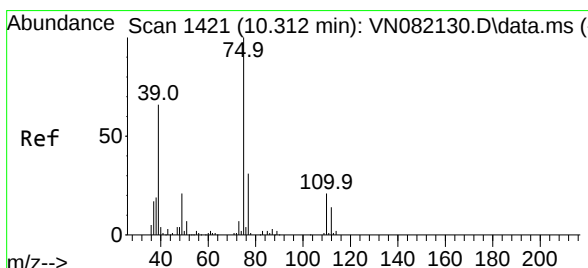
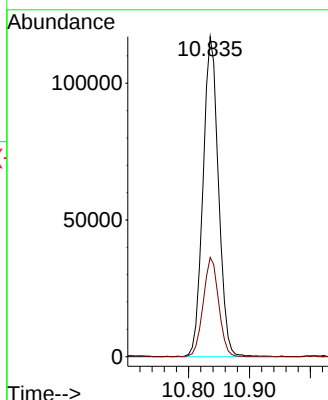
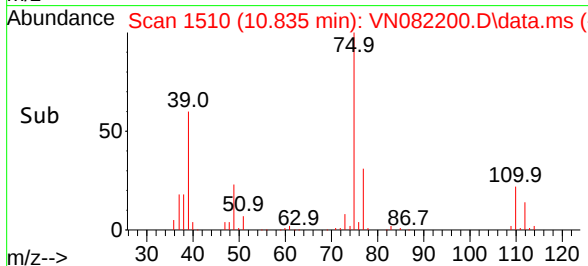
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



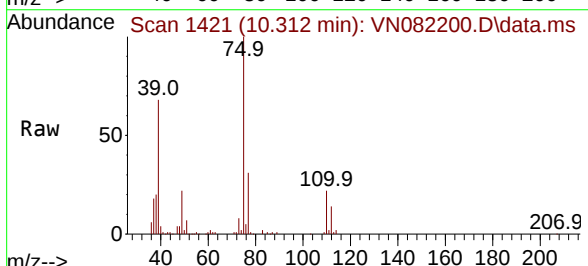
Tgt Ion: 75 Resp: 206594
Ion Ratio Lower Upper
75 100
77 31.0 25.4 38.0

Manual Integrations
APPROVED

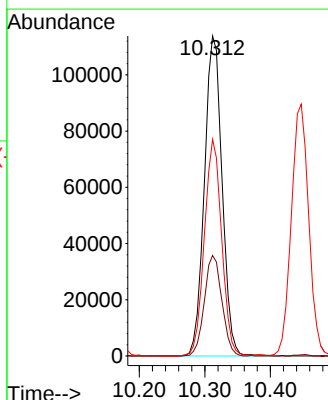
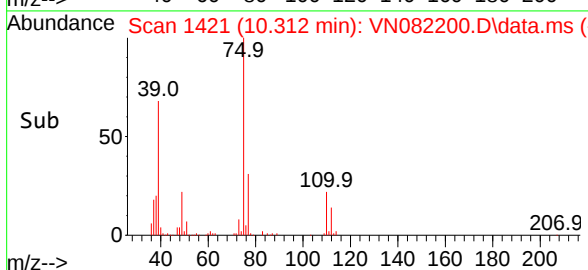
Reviewed By :John Carlone 05/21/2024
Supervised By :Mahesh Dadoda 05/21/2024

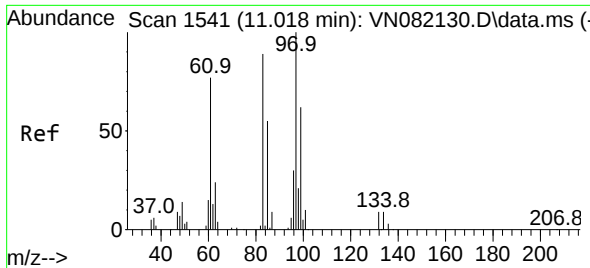


#54
cis-1,3-Dichloropropene
Concen: 50.780 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN082200.D
Acq: 20 May 2024 11:02



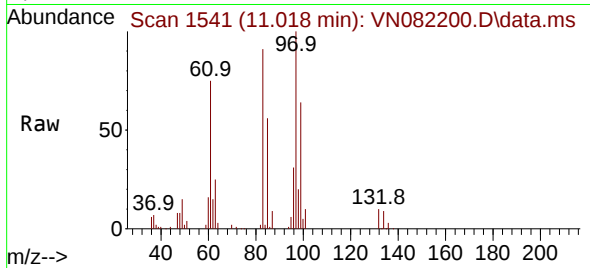
Tgt Ion: 75 Resp: 213701
Ion Ratio Lower Upper
75 100
77 31.4 25.0 37.4
39 67.7 34.8 52.2#





#55
1,1,2-Trichloroethane
Concen: 49.860 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN082200.D
Acq: 20 May 2024 11:02

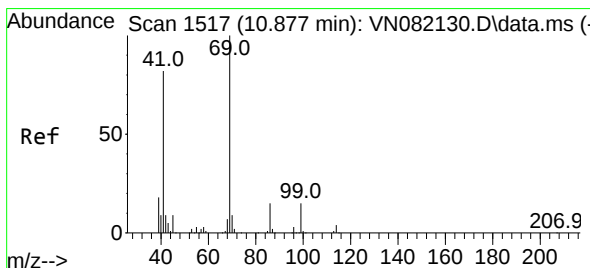
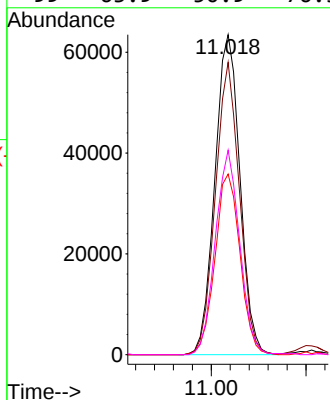
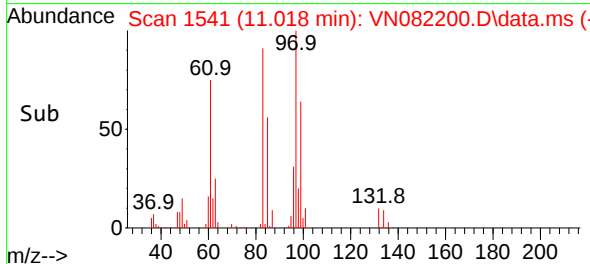
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



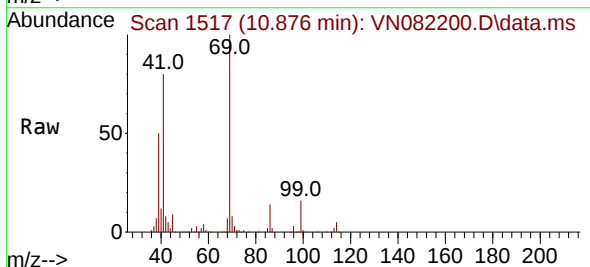
Tgt Ion:	97	Resp:	11688
Ion Ratio	Lower	Upper	
97	100		
83	91.3	70.4	105.6
85	56.4	45.6	68.4
99	63.9	50.9	76.3

Manual Integrations
APPROVED

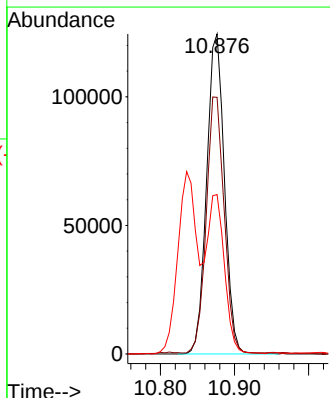
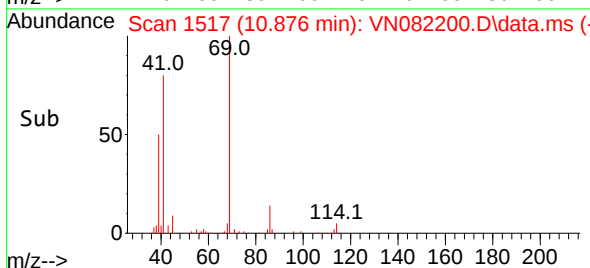
Reviewed By :John Carlone 05/21/2024
Supervised By :Mahesh Dadoda 05/21/2024

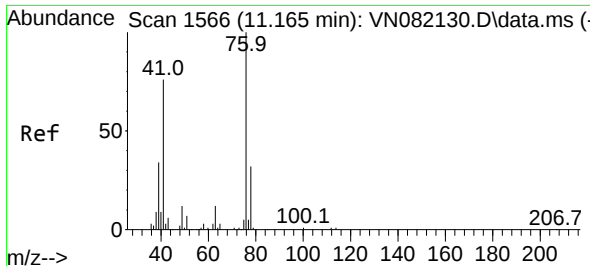


#56
Ethyl methacrylate
Concen: 52.123 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN082200.D
Acq: 20 May 2024 11:02



Tgt Ion:	69	Resp:	207461
Ion Ratio	Lower	Upper	
69	100		
41	80.5	46.6	70.0#
39	45.2	26.5	39.7#





#57

1,3-Dichloropropane

Concen: 49.191 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.000 min

Lab File: VN082200.D

Acq: 20 May 2024 11:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 215618

Ion Ratio Lower Upper

76 100

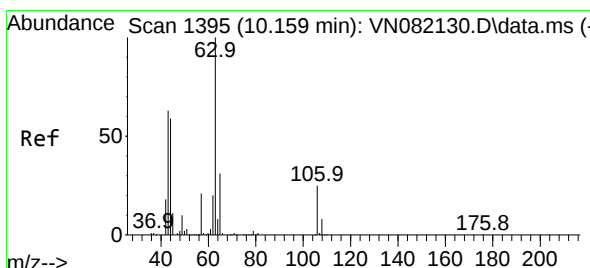
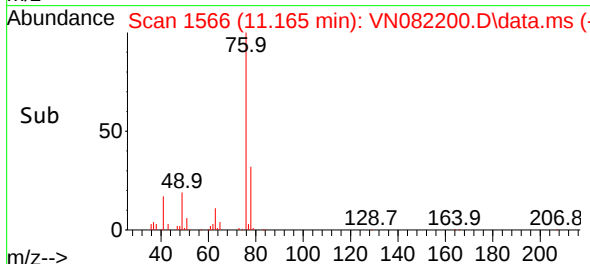
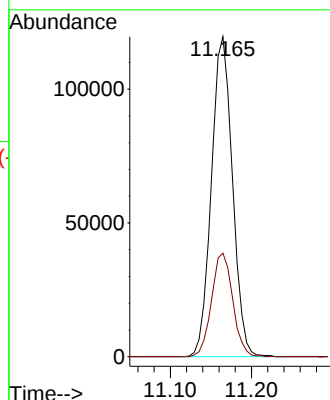
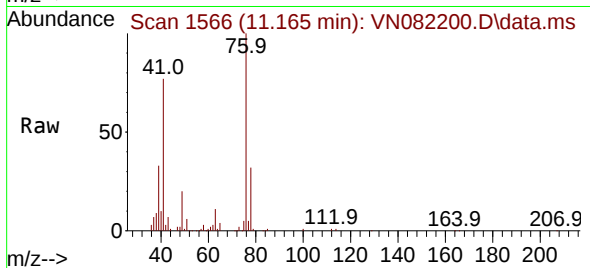
78 32.5 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/21/2024

Supervised By :Mahesh Dadoda 05/21/2024



#58

2-Chloroethyl Vinyl ether

Concen: 257.698 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN082200.D

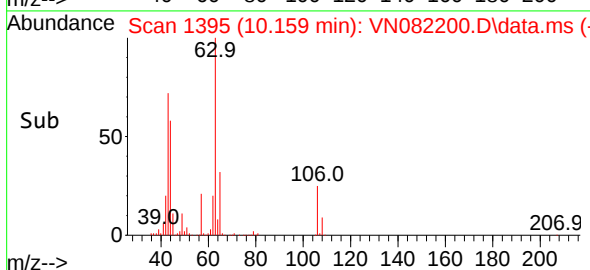
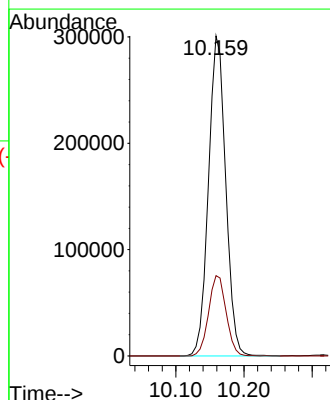
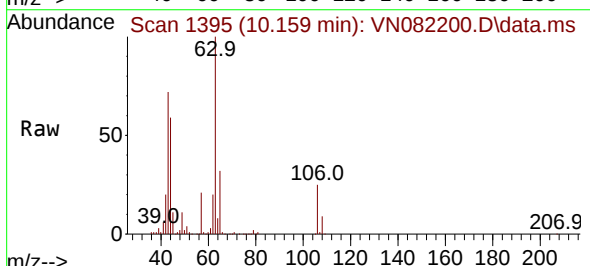
Acq: 20 May 2024 11:02

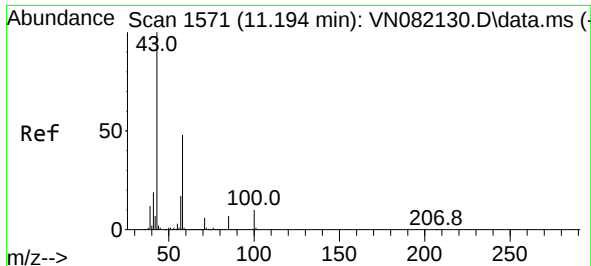
Tgt Ion: 63 Resp: 529051

Ion Ratio Lower Upper

63 100

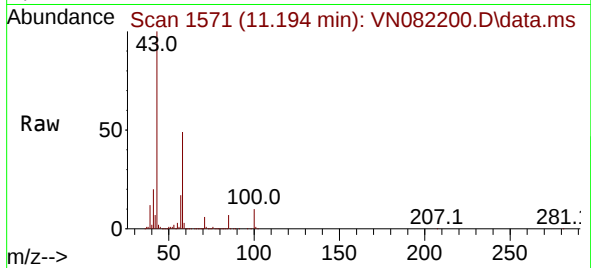
106 25.5 24.6 36.8





#59
2-Hexanone
Concen: 250.215 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN082200.D
Acq: 20 May 2024 11:02

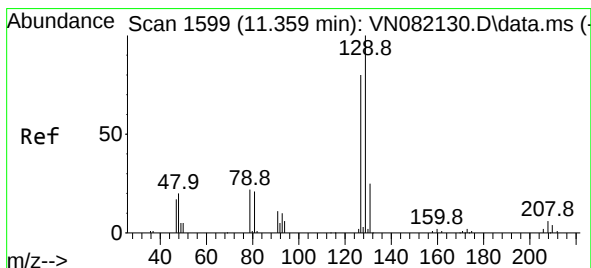
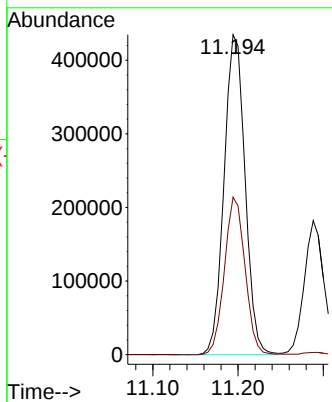
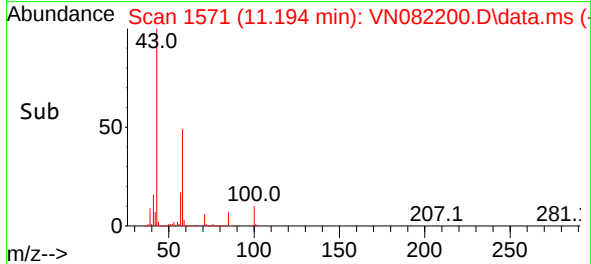
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 74411
Ion Ratio Lower Upper
43 100
58 48.3 28.3 84.9

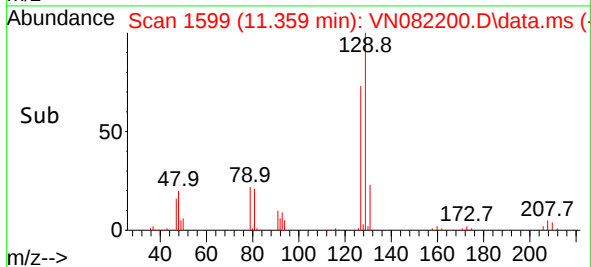
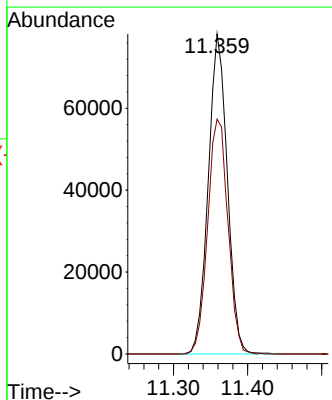
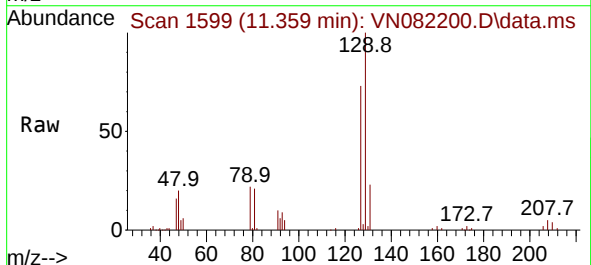
Manual Integrations
APPROVED

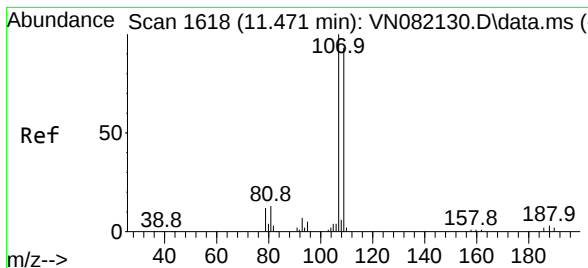
Reviewed By :John Carlone 05/21/2024
Supervised By :Mahesh Dadoda 05/21/2024



#60
Dibromochloromethane
Concen: 53.908 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN082200.D
Acq: 20 May 2024 11:02

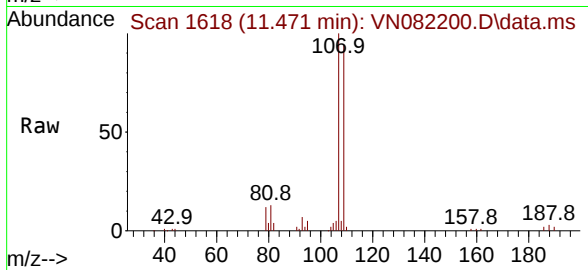
Tgt Ion:129 Resp: 139466
Ion Ratio Lower Upper
129 100
127 78.1 38.3 114.8





#61
1,2-Dibromoethane
Concen: 49.354 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN082200.D
Acq: 20 May 2024 11:02

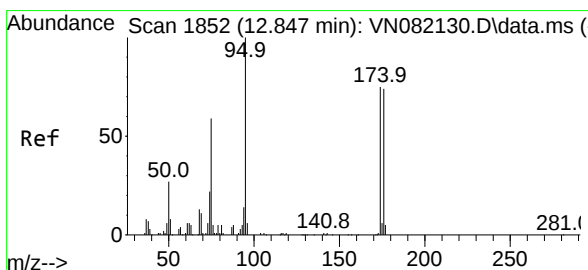
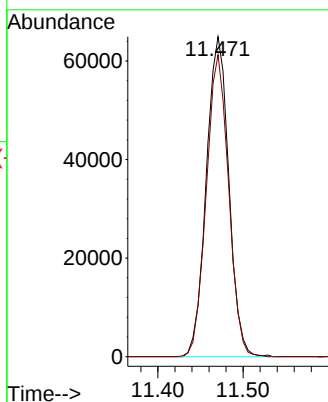
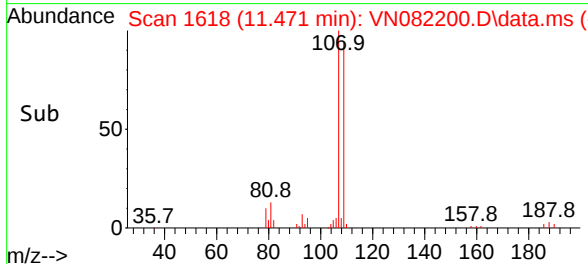
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



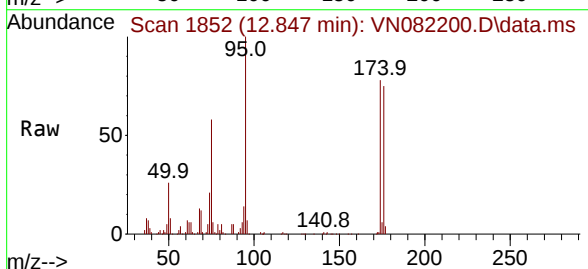
Tgt Ion:107 Resp: 11884
Ion Ratio Lower Upper
107 100
109 93.6 75.8 113.6

Manual Integrations
APPROVED

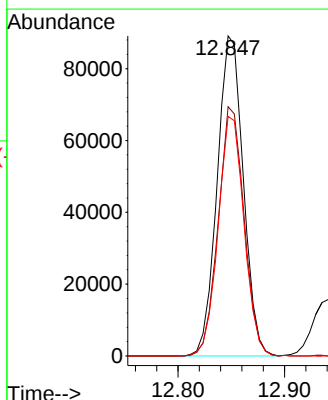
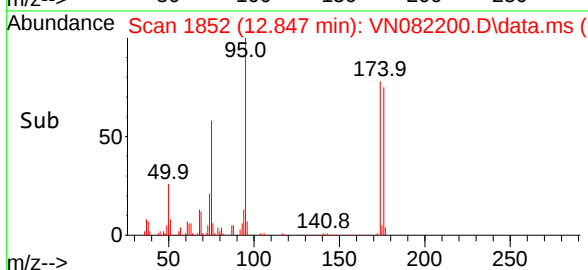
Reviewed By :John Carlone 05/21/2024
Supervised By :Mahesh Dadoda 05/21/2024

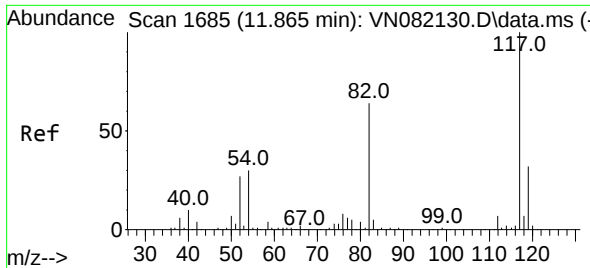


#62
4-Bromofluorobenzene
Concen: 51.542 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN082200.D
Acq: 20 May 2024 11:02



Tgt Ion: 95 Resp: 151599
Ion Ratio Lower Upper
95 100
174 77.1 0.0 160.6
176 74.1 0.0 152.8





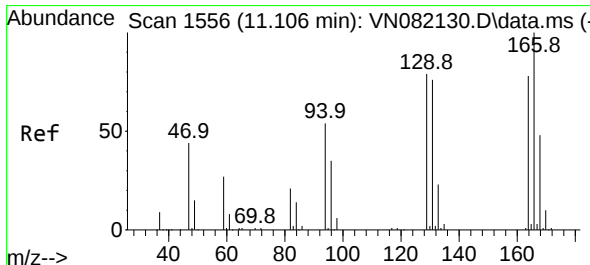
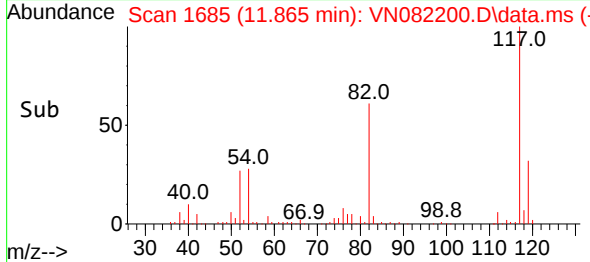
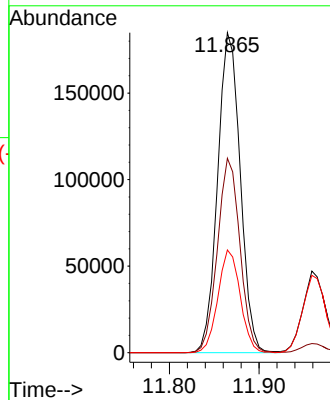
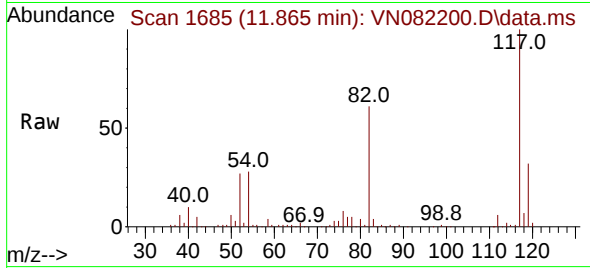
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN082200.D
Acq: 20 May 2024 11:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:117 Resp: 32364
Ion Ratio Lower Upper
117 100
82 60.8 44.6 66.8
119 32.1 25.9 38.9

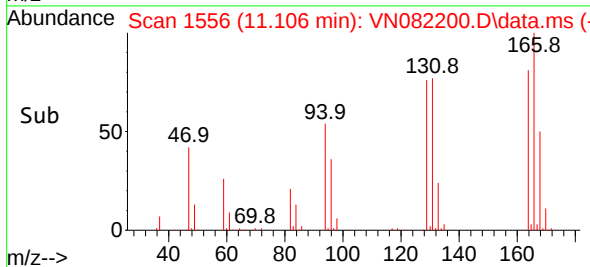
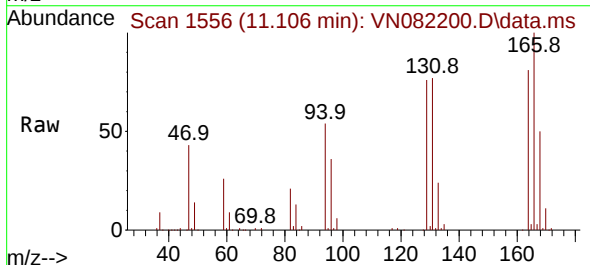
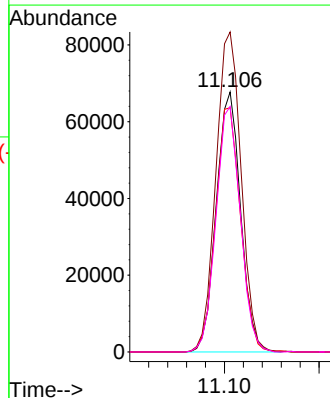
Manual Integrations
APPROVED

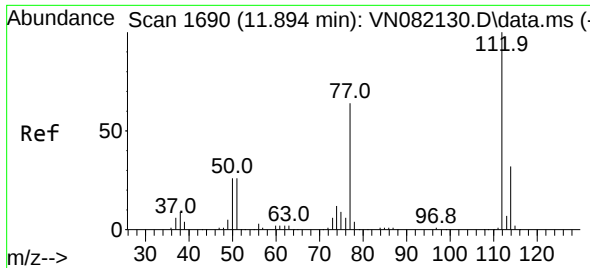
Reviewed By :John Carlone 05/21/2024
Supervised By :Mahesh Dadoda 05/21/2024



#64
Tetrachloroethene
Concen: 50.477 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN082200.D
Acq: 20 May 2024 11:02

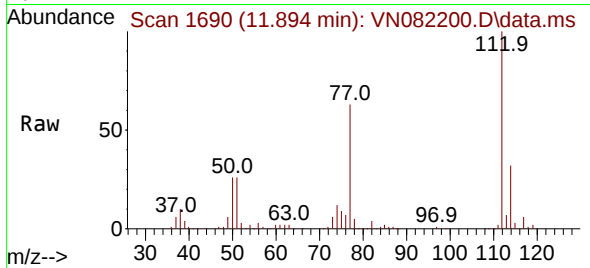
Tgt Ion:164 Resp: 121086
Ion Ratio Lower Upper
164 100
166 123.0 97.6 146.4
129 93.9 73.7 110.5
131 94.4 75.8 113.6





#65
Chlorobenzene
Concen: 48.272 ug/l
RT: 11.894 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VN082200.D
Acq: 20 May 2024 11:02

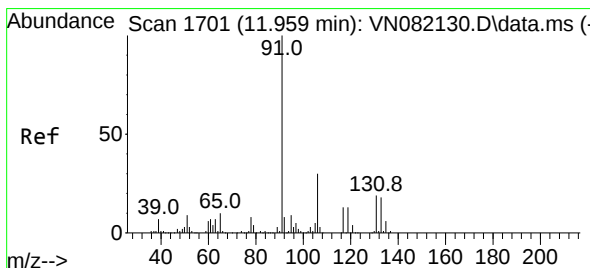
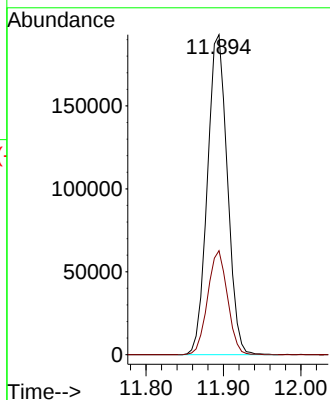
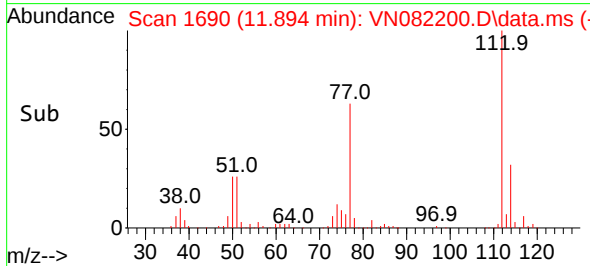
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:112 Resp: 34513
Ion Ratio Lower Upper
112 100
114 32.5 25.7 38.5

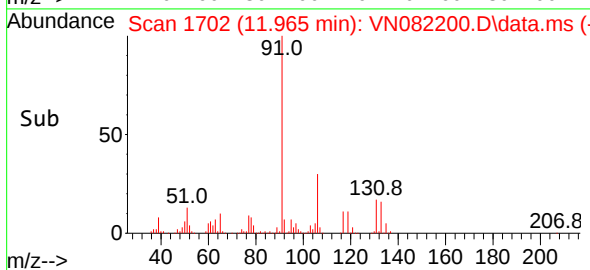
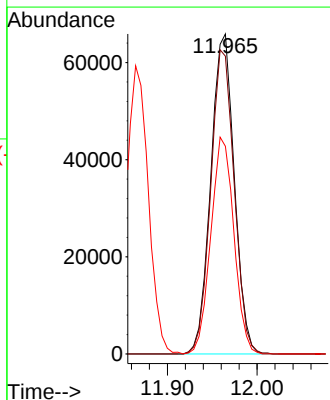
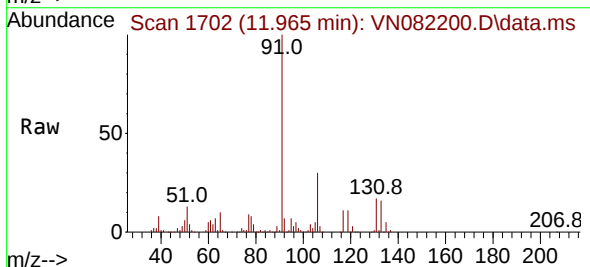
Manual Integrations
APPROVED

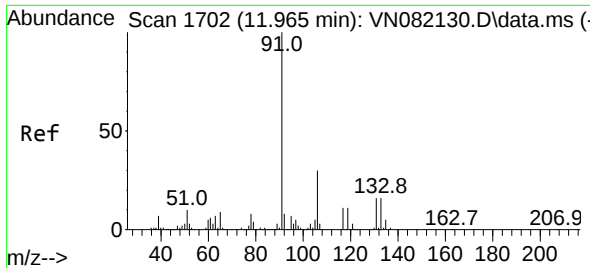
Reviewed By :John Carlone 05/21/2024
Supervised By :Mahesh Dadoda 05/21/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 50.908 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.006 min
Lab File: VN082200.D
Acq: 20 May 2024 11:02

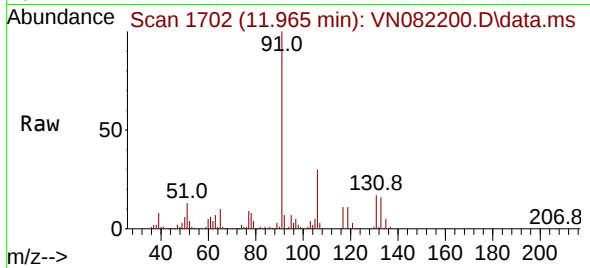
Tgt Ion:131 Resp: 119892
Ion Ratio Lower Upper
131 100
133 94.8 47.5 142.6
119 66.4 32.9 98.7





#67
Ethyl Benzene
Concen: 49.997 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN082200.D
Acq: 20 May 2024 11:02

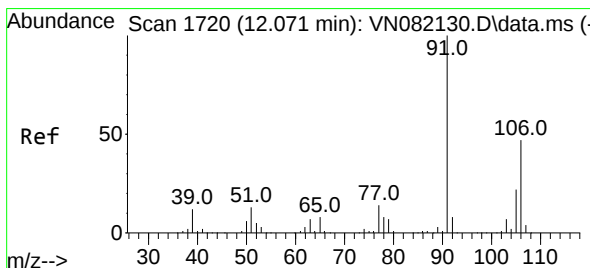
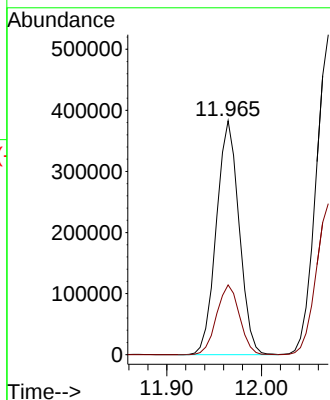
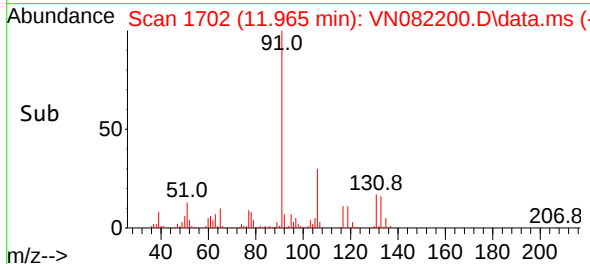
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



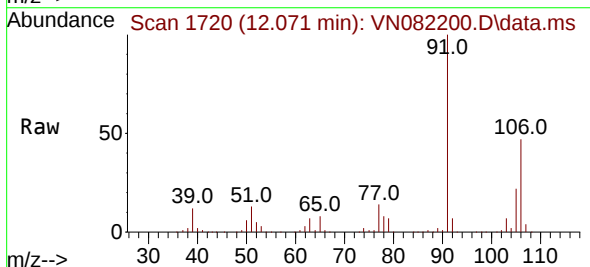
Tgt Ion: 91 Resp: 639458
Ion Ratio Lower Upper
91 100
106 29.8 25.3 37.9

Manual Integrations
APPROVED

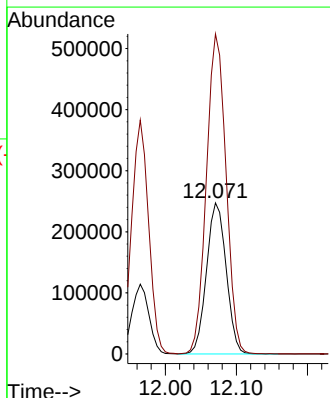
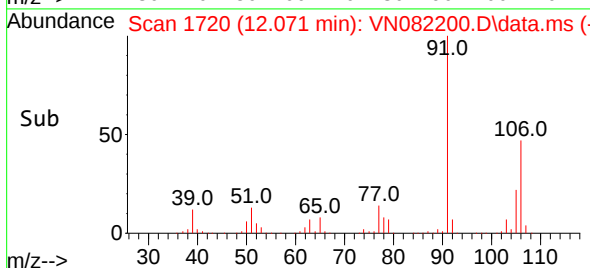
Reviewed By :John Carlone 05/21/2024
Supervised By :Mahesh Dadoda 05/21/2024

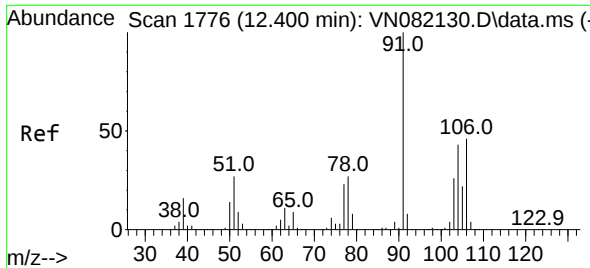


#68
m/p-Xylenes
Concen: 101.437 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN082200.D
Acq: 20 May 2024 11:02



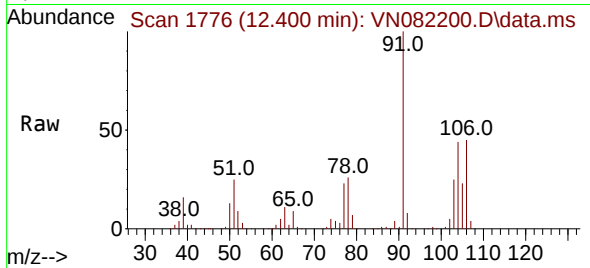
Tgt Ion:106 Resp: 475489
Ion Ratio Lower Upper
106 100
91 211.8 159.4 239.0





#69
o-Xylene
Concen: 50.547 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN082200.D
Acq: 20 May 2024 11:02

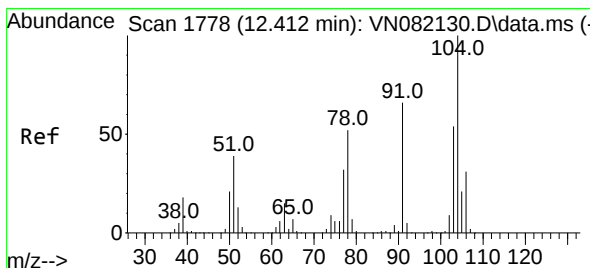
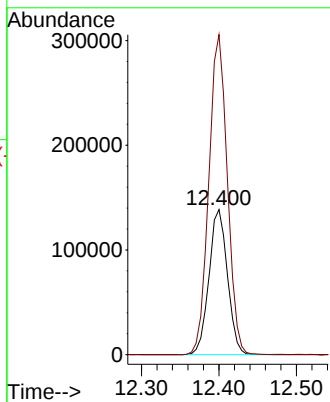
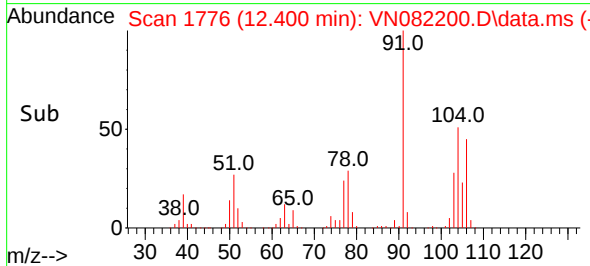
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:106 Resp: 229519
Ion Ratio Lower Upper
106 100
91 221.2 104.7 314.1

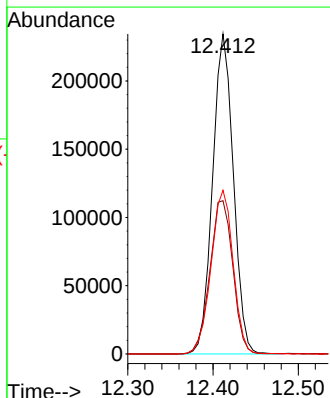
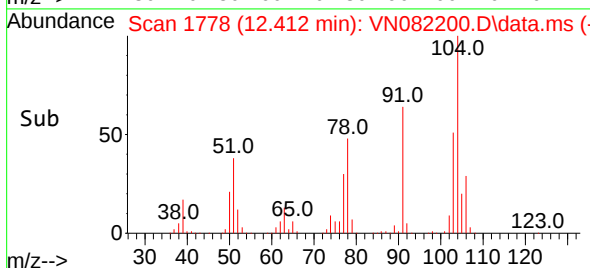
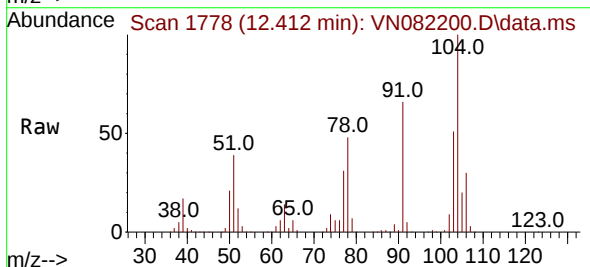
Manual Integrations
APPROVED

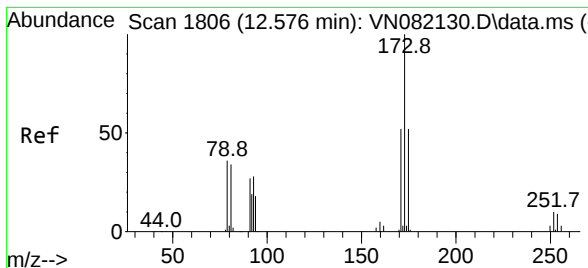
Reviewed By :John Carlone 05/21/2024
Supervised By :Mahesh Dadoda 05/21/2024



#70
Styrene
Concen: 52.657 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN082200.D
Acq: 20 May 2024 11:02

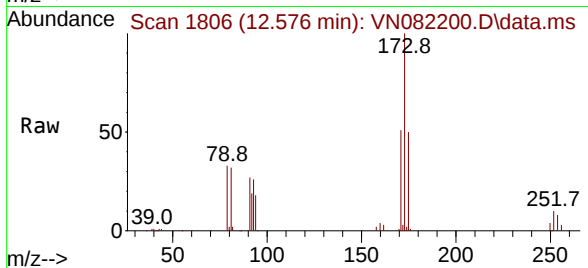
Tgt Ion:104 Resp: 397146
Ion Ratio Lower Upper
104 100
78 52.9 38.6 58.0
103 54.4 43.8 65.6





#71
Bromoform
Concen: 49.055 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN082200.D
Acq: 20 May 2024 11:02

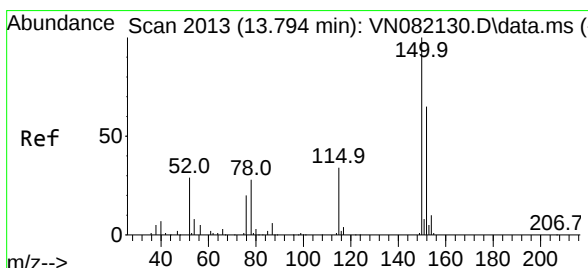
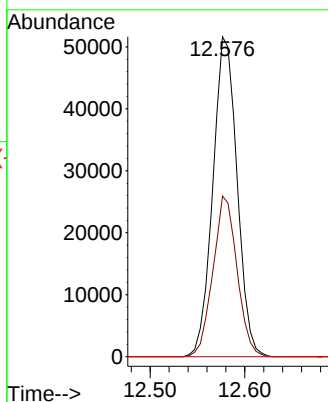
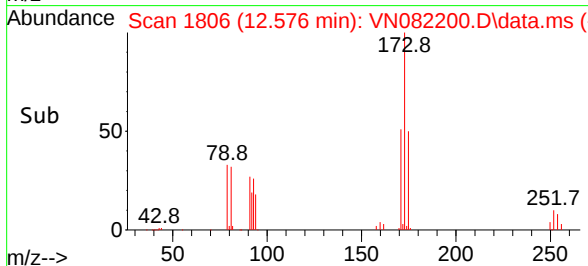
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



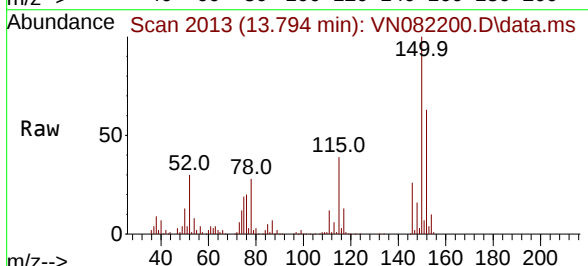
Tgt Ion:173 Resp: 91859
Ion Ratio Lower Upper
173 100
175 50.0 24.6 74.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

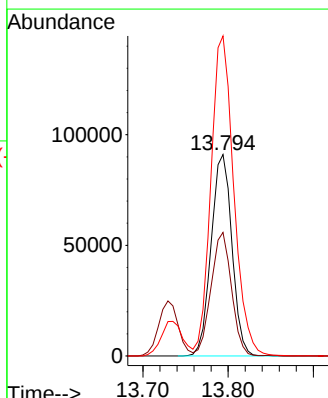
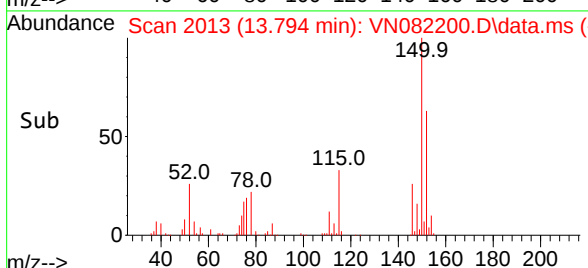
Reviewed By :John Carlone 05/21/2024
Supervised By :Mahesh Dadoda 05/21/2024

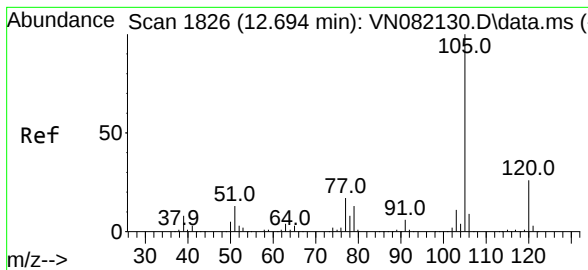


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN082200.D
Acq: 20 May 2024 11:02



Tgt Ion:152 Resp: 154500
Ion Ratio Lower Upper
152 100
115 59.8 30.4 91.3
150 174.2 0.0 353.2





#73
Isopropylbenzene
Concen: 49.120 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN082200.D
Acq: 20 May 2024 11:02

Instrument :

MSVOA_N

ClientSampleId :

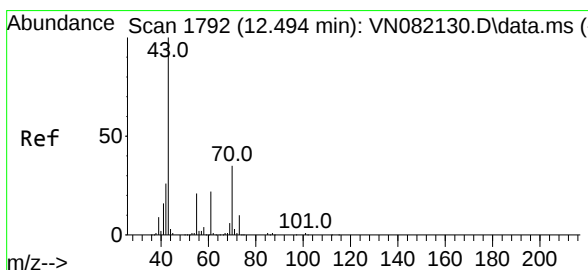
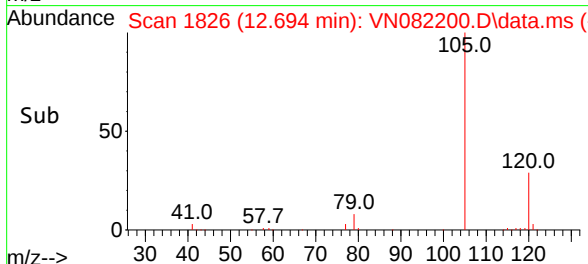
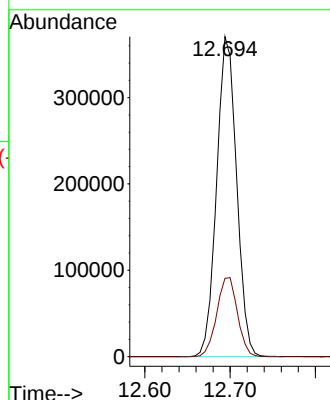
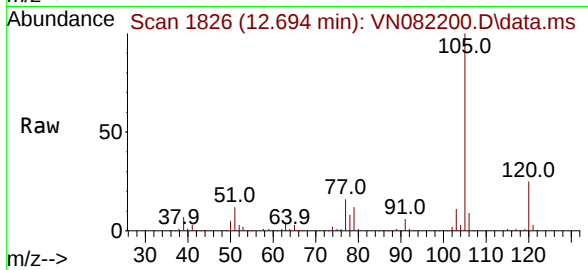
VSTDCCC050

Tgt Ion:105 Resp: 60290
Ion Ratio Lower Upper
105 100
120 25.6 13.4 40.1

Manual Integrations

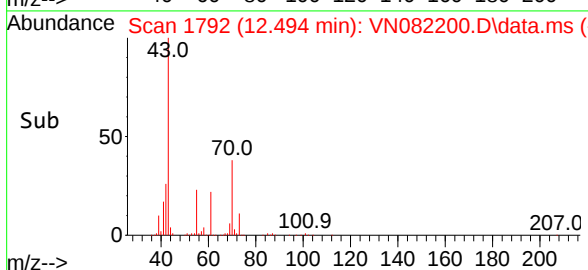
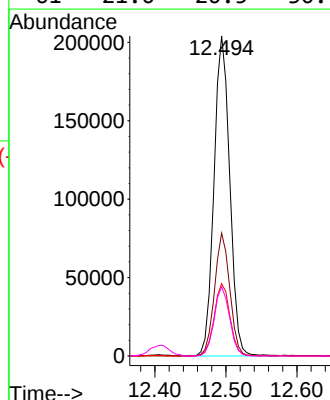
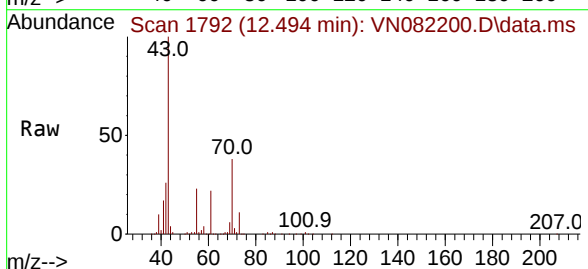
APPROVED

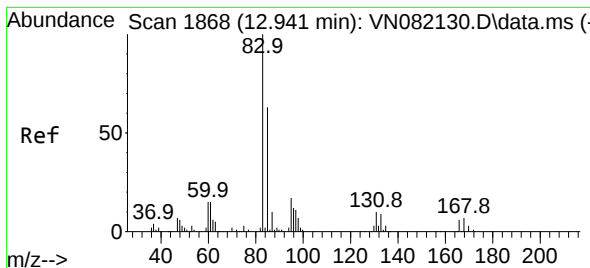
Reviewed By :John Carlone 05/21/2024
Supervised By :Mahesh Dadoda 05/21/2024



#74
N-ethyl acetate
Concen: 46.521 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN082200.D
Acq: 20 May 2024 11:02

Tgt Ion: 43 Resp: 314085
Ion Ratio Lower Upper
43 100
70 37.1 39.0 58.4#
55 22.7 21.3 31.9
61 21.0 20.5 30.7





#75

1,1,2,2-Tetrachloroethane

Concen: 45.939 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. -0.000 min

Lab File: VN082200.D

Acq: 20 May 2024 11:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 162540

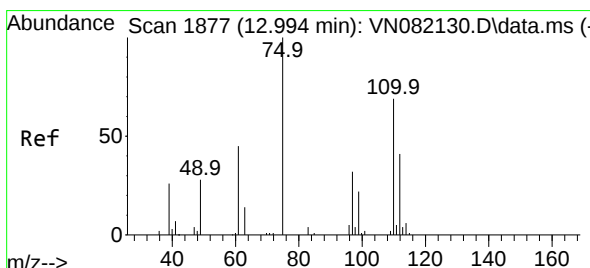
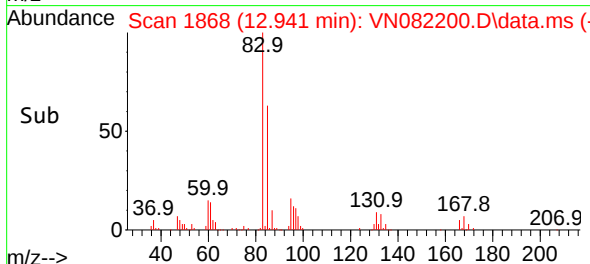
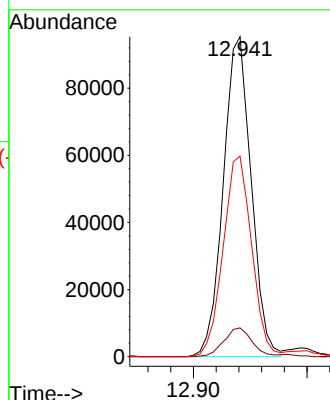
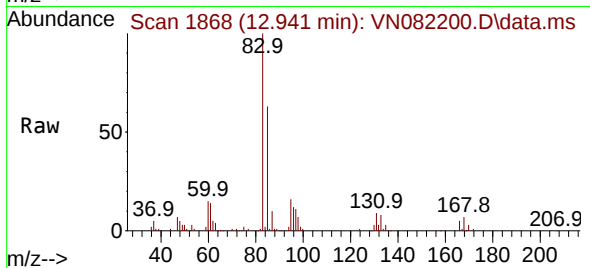
Ion	Ratio	Lower	Upper
83	100		
131	9.5	5.5	16.4
85	64.1	32.9	98.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/21/2024

Supervised By :Mahesh Dadoda 05/21/2024



#76

1,2,3-Trichloropropane

Concen: 47.468 ug/l m

RT: 12.994 min Scan# 1877

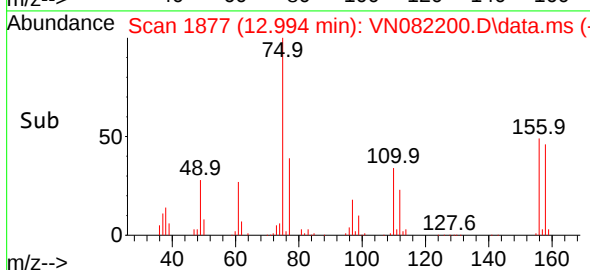
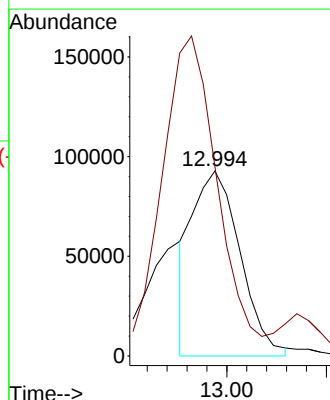
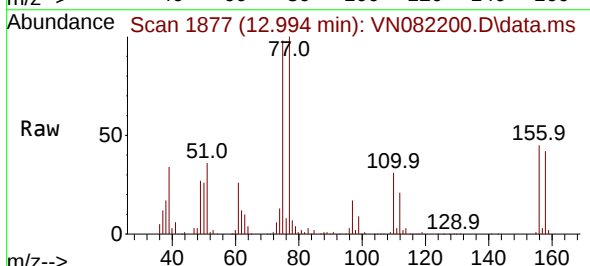
Delta R.T. -0.000 min

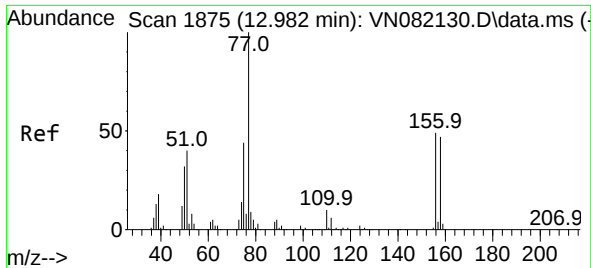
Lab File: VN082200.D

Acq: 20 May 2024 11:02

Tgt Ion: 75 Resp: 154360

Ion	Ratio	Lower	Upper
75	100		
77	202.4	90.5	271.3





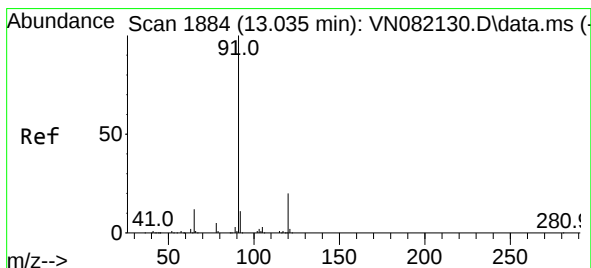
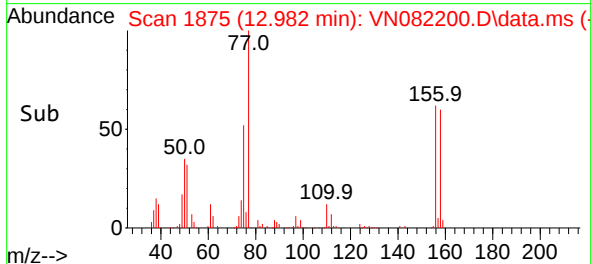
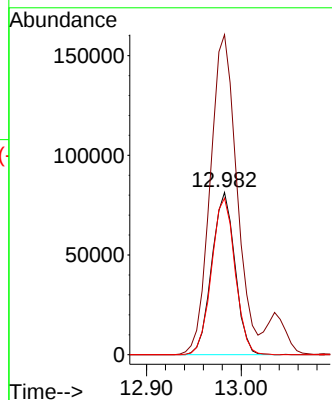
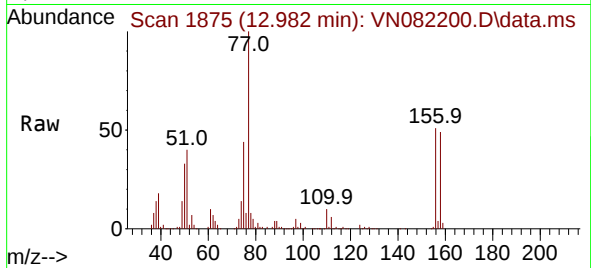
#77
Bromobenzene
Concen: 47.232 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN082200.D
Acq: 20 May 2024 11:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:156 Resp: 138158
Ion Ratio Lower Upper
156 100
77 226.1 100.2 300.6
158 97.8 49.1 147.3

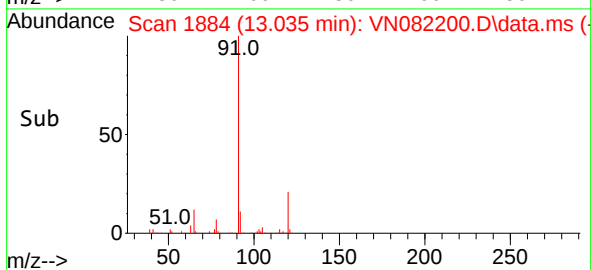
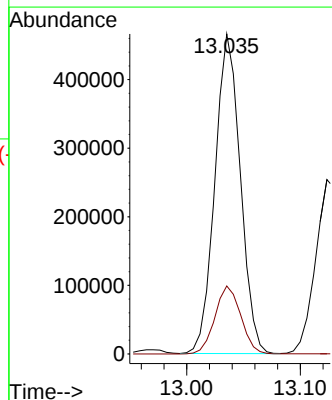
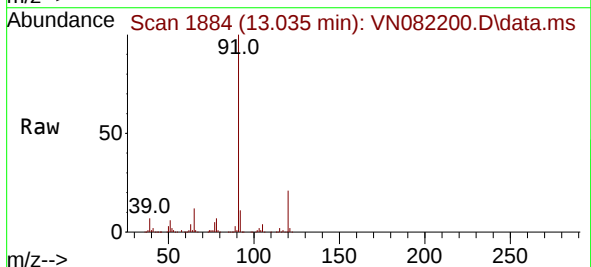
Manual Integrations
APPROVED

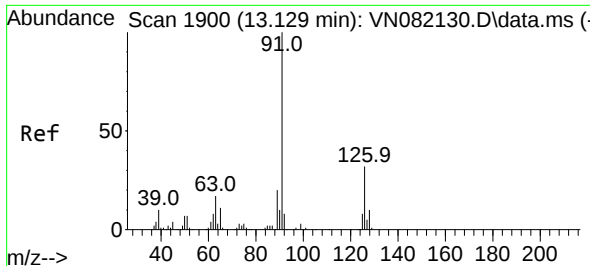
Reviewed By :John Carlone 05/21/2024
Supervised By :Mahesh Dadoda 05/21/2024



#78
n-propylbenzene
Concen: 49.899 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN082200.D
Acq: 20 May 2024 11:02

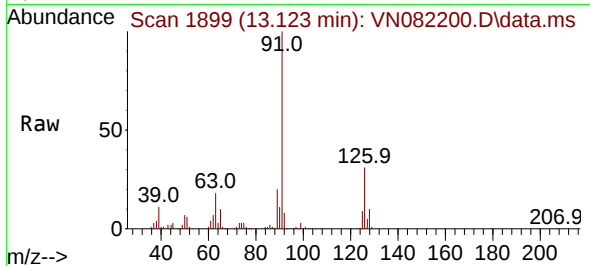
Tgt Ion: 91 Resp: 725270
Ion Ratio Lower Upper
91 100
120 21.6 11.7 35.0





#79
2-Chlorotoluene
Concen: 47.538 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.006 min
Lab File: VN082200.D
Acq: 20 May 2024 11:02

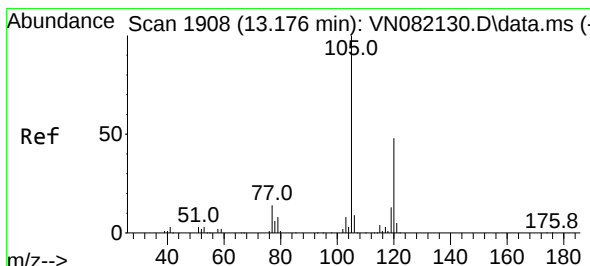
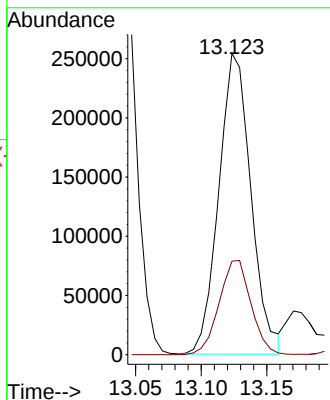
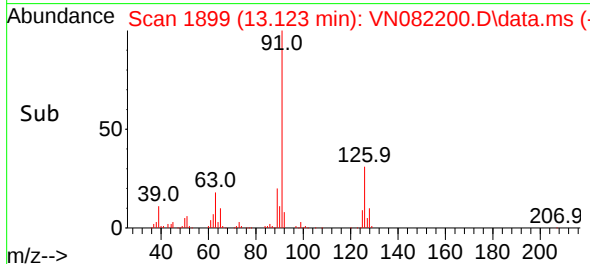
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 433870
Ion Ratio Lower Upper
91 100
126 31.0 17.5 52.5

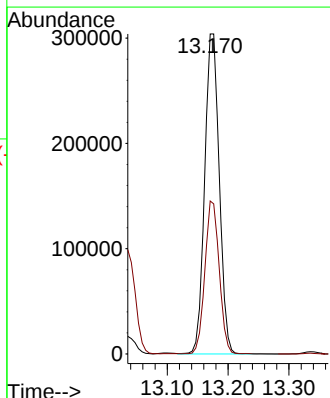
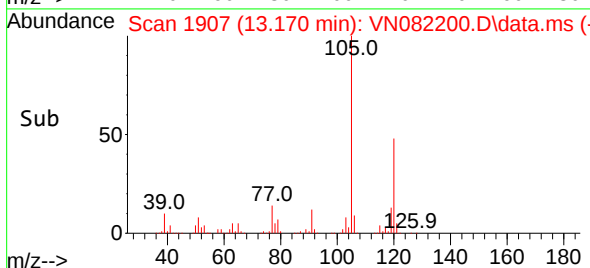
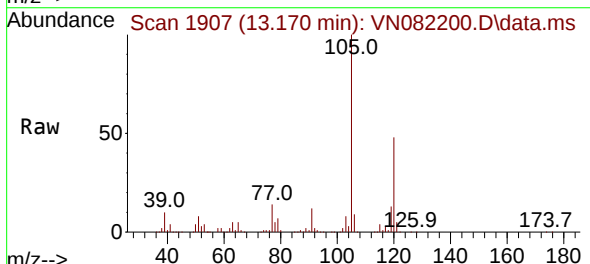
Manual Integrations
APPROVED

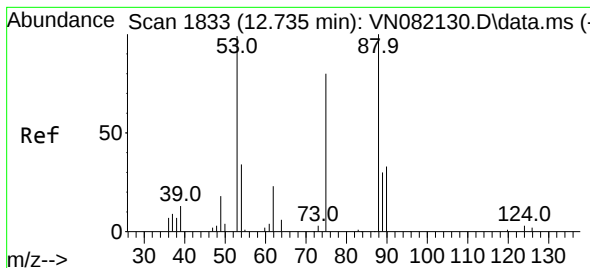
Reviewed By :John Carlone 05/21/2024
Supervised By :Mahesh Dadoda 05/21/2024



#80
1,3,5-Trimethylbenzene
Concen: 51.118 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VN082200.D
Acq: 20 May 2024 11:02

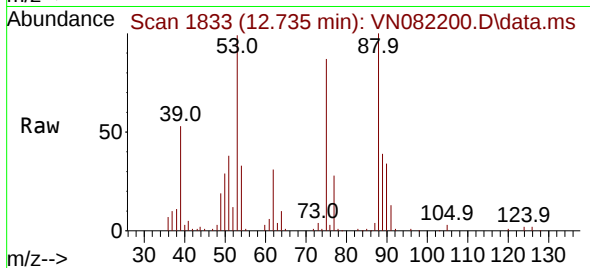
Tgt Ion:105 Resp: 507342
Ion Ratio Lower Upper
105 100
120 47.0 24.8 74.3





#81
trans-1,4-Dichloro-2-butene
Concen: 53.162 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN082200.D
Acq: 20 May 2024 11:02

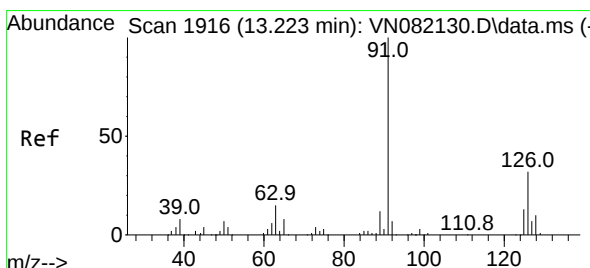
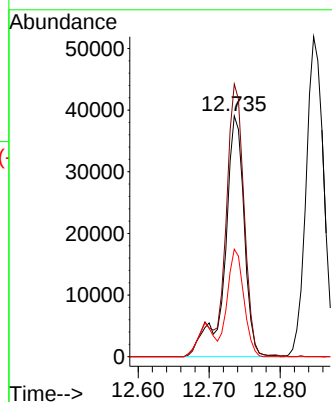
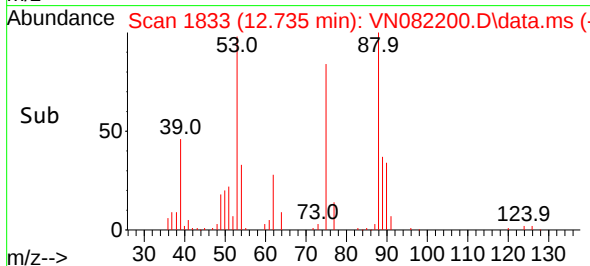
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



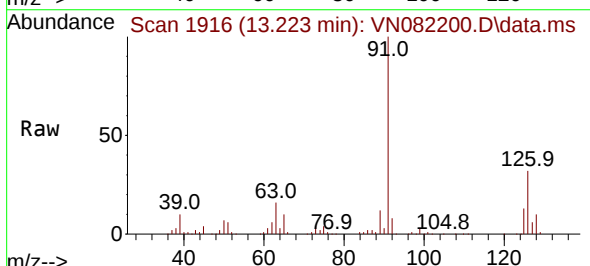
Tgt Ion: 75 Resp: 7391
Ion Ratio Lower Upper
75 100
53 102.4 72.9 109.3
89 38.0 39.1 58.7

Manual Integrations
APPROVED

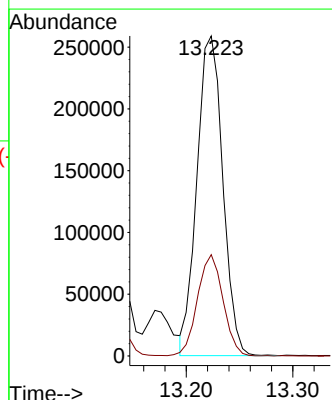
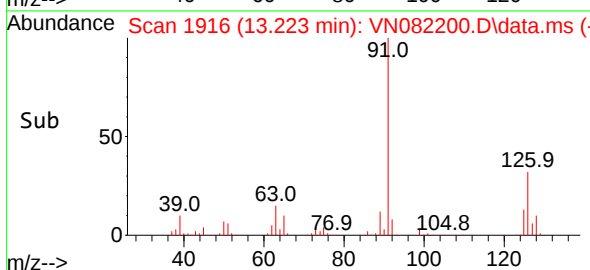
Reviewed By :John Carlone 05/21/2024
Supervised By :Mahesh Dadoda 05/21/2024

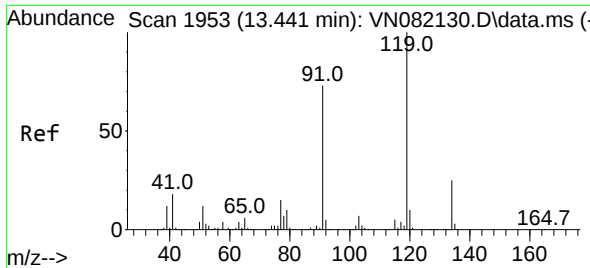


#82
4-Chlorotoluene
Concen: 49.002 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN082200.D
Acq: 20 May 2024 11:02



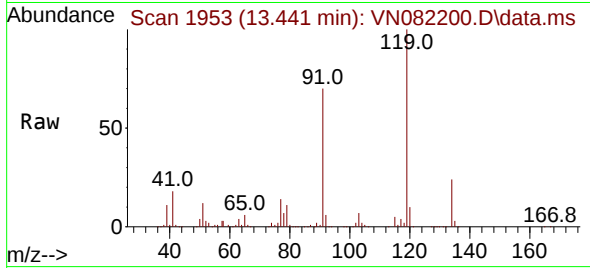
Tgt Ion: 91 Resp: 437271
Ion Ratio Lower Upper
91 100
126 31.4 17.4 52.3





#83
tert-Butylbenzene
Concen: 49.082 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN082200.D
Acq: 20 May 2024 11:02

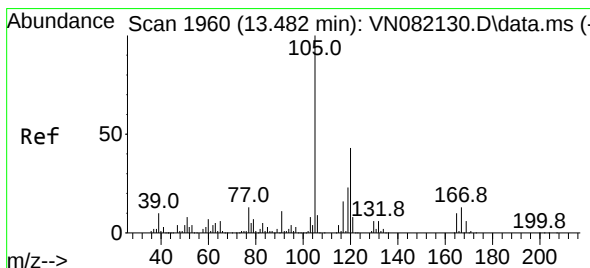
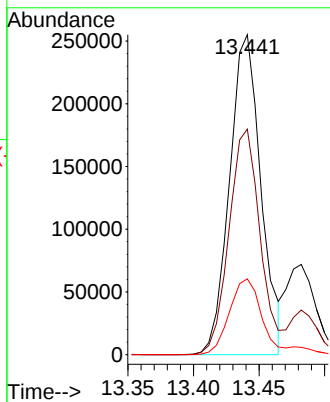
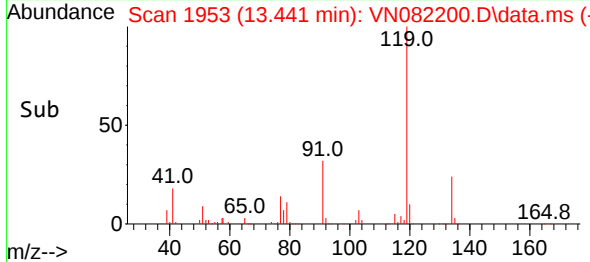
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



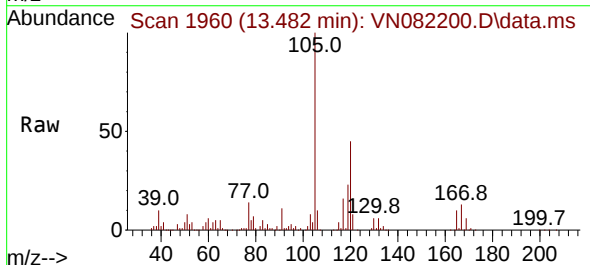
Tgt Ion:119 Resp: 426168
Ion Ratio Lower Upper
119 100
91 69.4 32.6 97.8
134 25.8 12.4 37.0

Manual Integrations
APPROVED

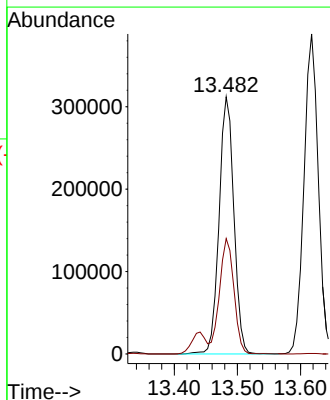
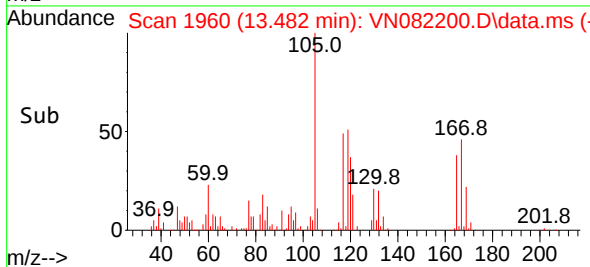
Reviewed By :John Carlone 05/21/2024
Supervised By :Mahesh Dadoda 05/21/2024

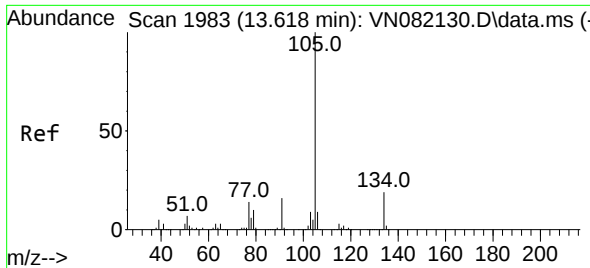


#84
1,2,4-Trimethylbenzene
Concen: 49.913 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN082200.D
Acq: 20 May 2024 11:02



Tgt Ion:105 Resp: 506810
Ion Ratio Lower Upper
105 100
120 44.0 22.9 68.7





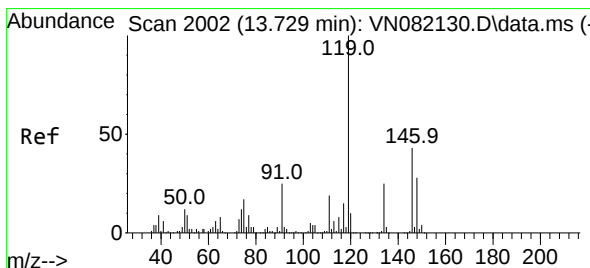
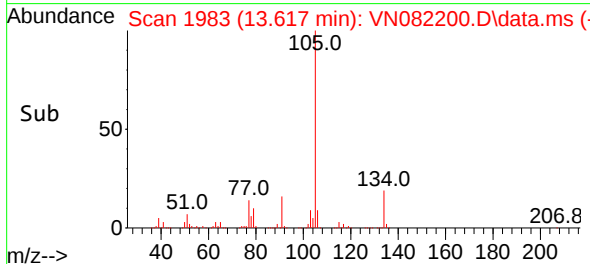
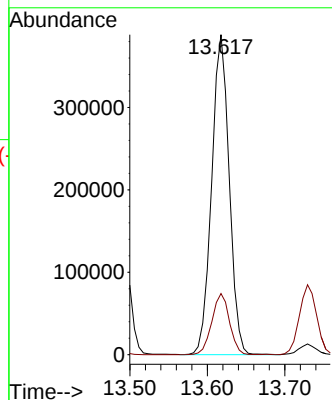
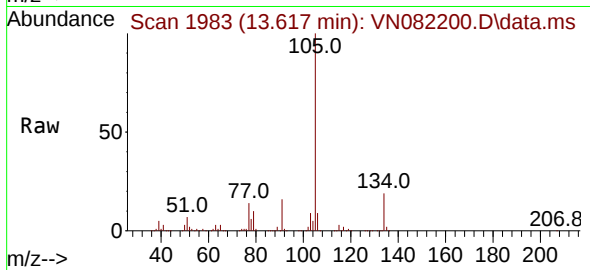
#85
sec-Butylbenzene
Concen: 50.713 ug/l
RT: 13.617 min Scan# 1983
Delta R.T. -0.000 min
Lab File: VN082200.D
Acq: 20 May 2024 11:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 61032
Ion Ratio Lower Upper
105 100
134 19.2 10.2 30.4

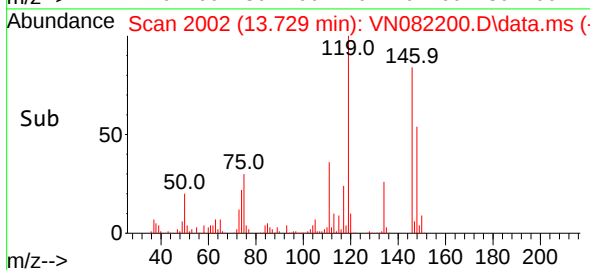
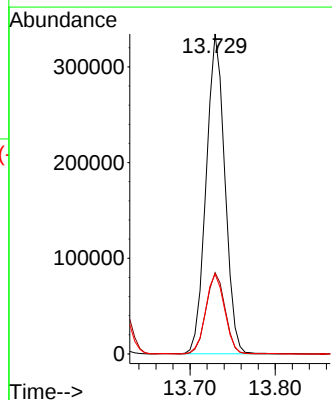
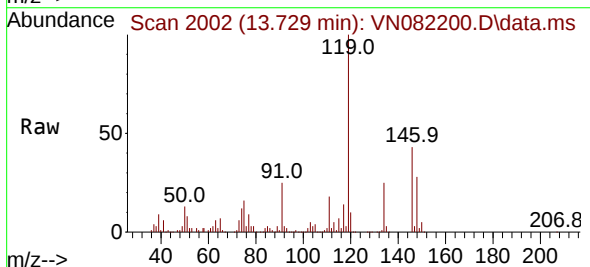
Manual Integrations
APPROVED

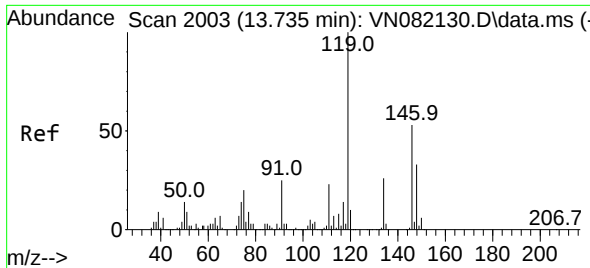
Reviewed By :John Carlone 05/21/2024
Supervised By :Mahesh Dadoda 05/21/2024



#86
p-Isopropyltoluene
Concen: 51.997 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN082200.D
Acq: 20 May 2024 11:02

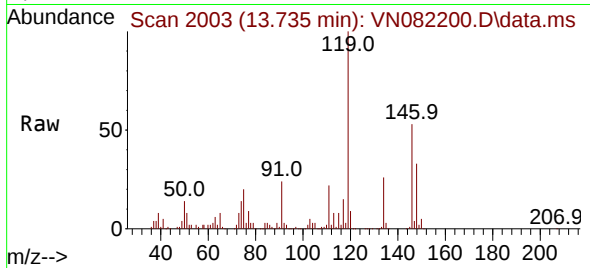
Tgt Ion:119 Resp: 508570
Ion Ratio Lower Upper
119 100
134 25.8 13.2 39.5
91 25.2 11.8 35.3





#87
1,3-Dichlorobenzene
Concen: 49.118 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN082200.D
Acq: 20 May 2024 11:02

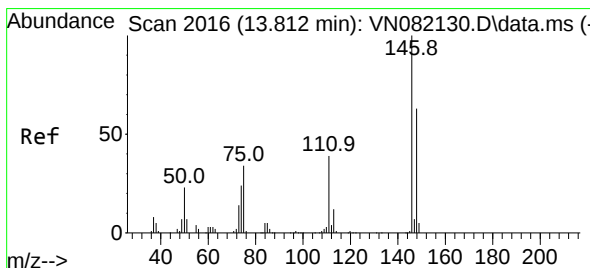
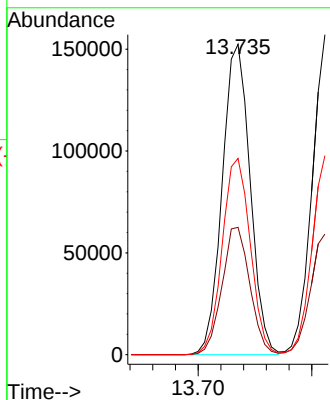
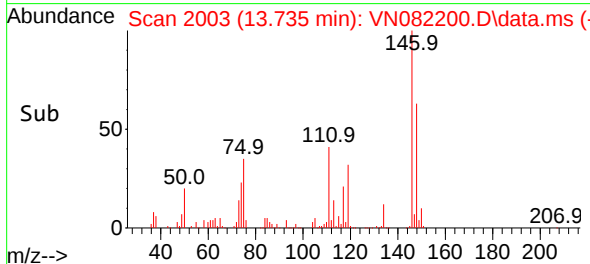
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 260295
Ion Ratio Lower Upper
146 100
111 41.1 20.8 62.5
148 63.6 32.1 96.3

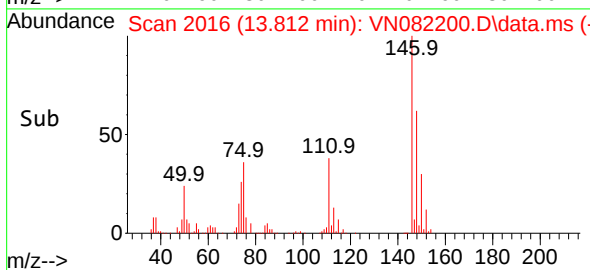
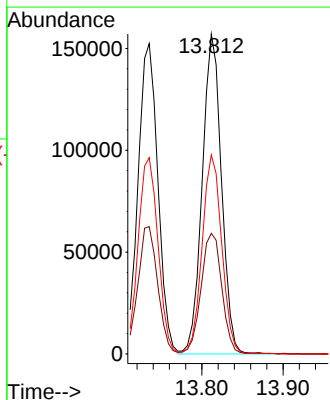
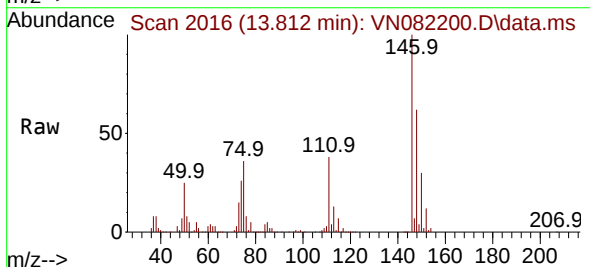
Manual Integrations
APPROVED

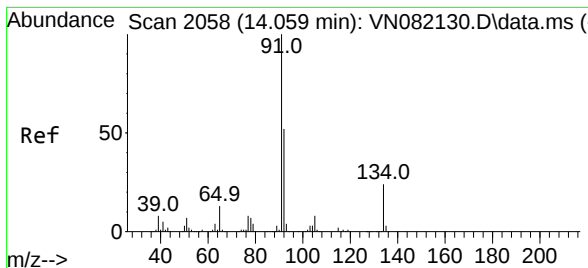
Reviewed By :John Carlone 05/21/2024
Supervised By :Mahesh Dadoda 05/21/2024



#88
1,4-Dichlorobenzene
Concen: 47.773 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN082200.D
Acq: 20 May 2024 11:02

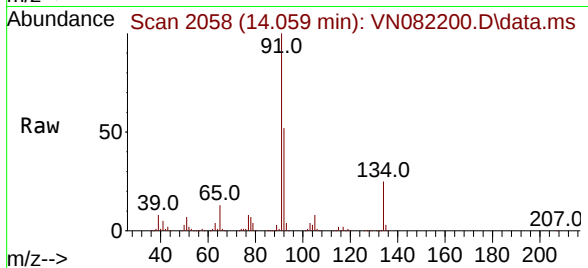
Tgt Ion:146 Resp: 258392
Ion Ratio Lower Upper
146 100
111 40.4 19.3 57.9
148 63.0 31.3 93.9





#89
n-Butylbenzene
Concen: 50.827 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN082200.D
Acq: 20 May 2024 11:02

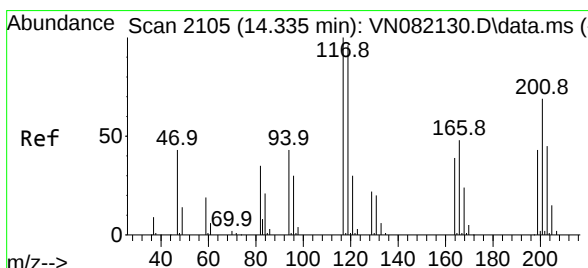
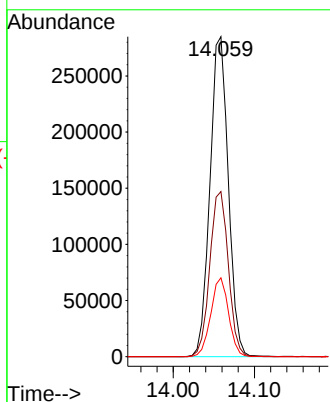
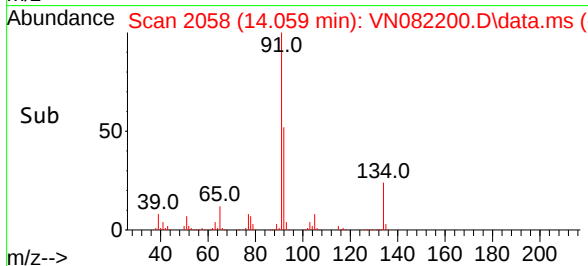
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 44682
Ion Ratio Lower Upper
91 100
92 52.3 26.2 78.5
134 24.0 13.2 39.5

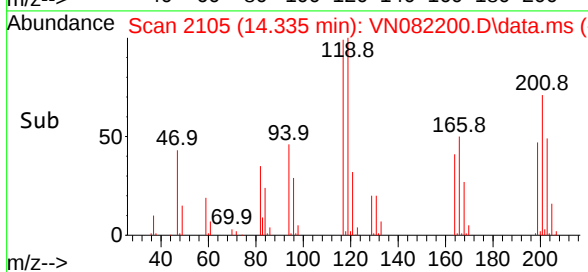
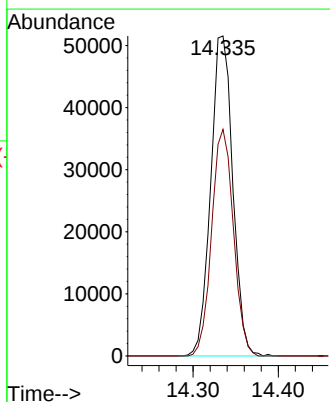
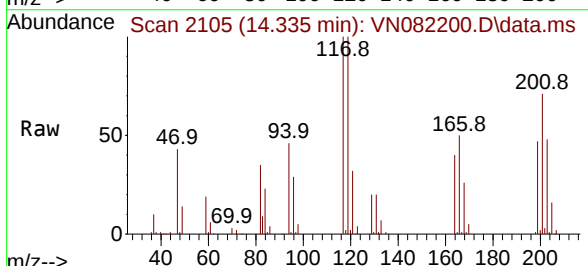
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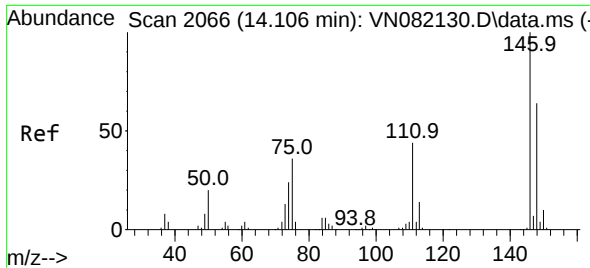
Reviewed By :John Carlone 05/21/2024
Supervised By :Mahesh Dadoda 05/21/2024



#90
Hexachloroethane
Concen: 51.175 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN082200.D
Acq: 20 May 2024 11:02

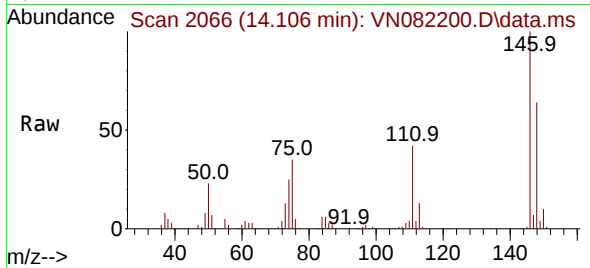
Tgt Ion:117 Resp: 92738
Ion Ratio Lower Upper
117 100
201 69.8 33.3 99.8





#91
1,2-Dichlorobenzene
Concen: 49.269 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN082200.D
Acq: 20 May 2024 11:02

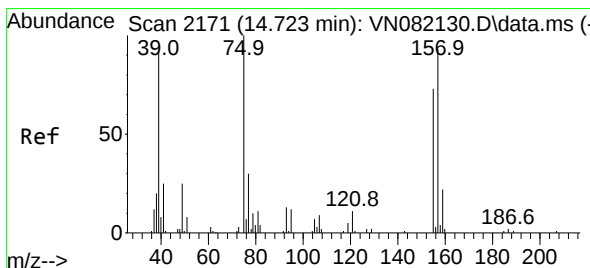
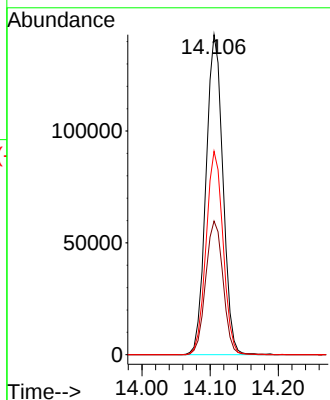
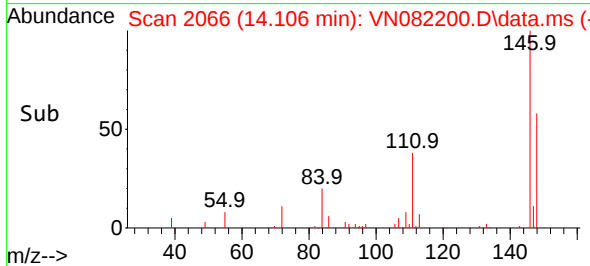
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



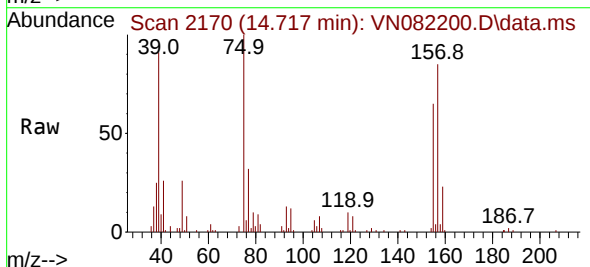
Tgt Ion:146 Resp: 247144
Ion Ratio Lower Upper
146 100
111 42.8 21.3 64.0
148 63.7 31.8 95.4

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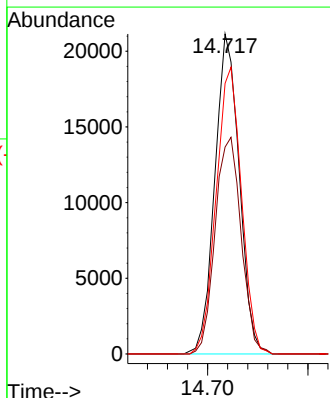
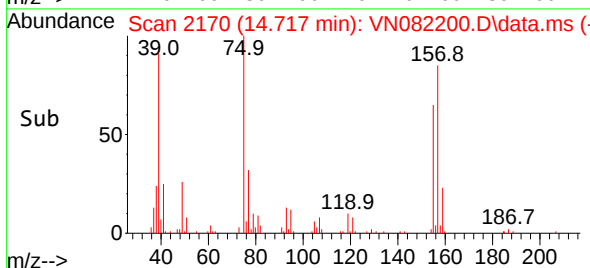
Reviewed By :John Carlone 05/21/2024
Supervised By :Mahesh Dadoda 05/21/2024

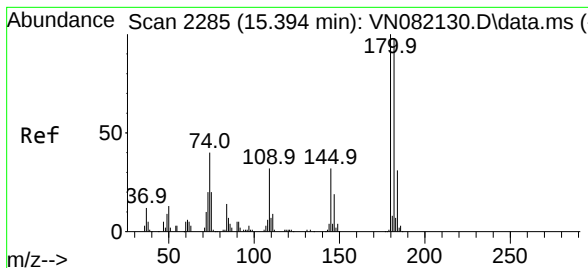


#92
1,2-Dibromo-3-Chloropropane
Concen: 49.163 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.006 min
Lab File: VN082200.D
Acq: 20 May 2024 11:02



Tgt Ion: 75 Resp: 35739
Ion Ratio Lower Upper
75 100
155 72.2 42.6 128.0
157 92.7 53.0 159.0





#93

1,2,4-Trichlorobenzene

Concen: 49.925 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN082200.D

Acq: 20 May 2024 11:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 140379

Ion Ratio Lower Upper

180 100

182 95.4 46.7 140.0

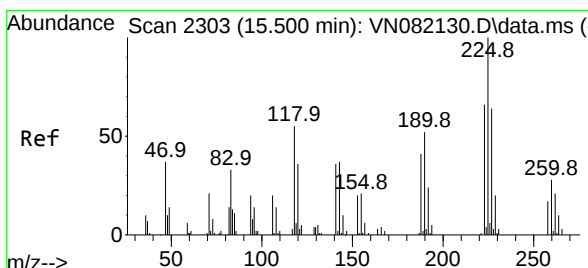
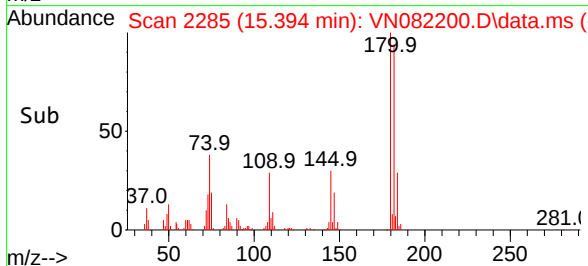
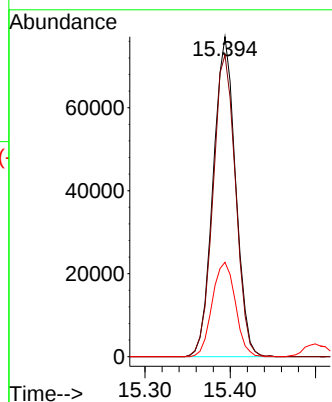
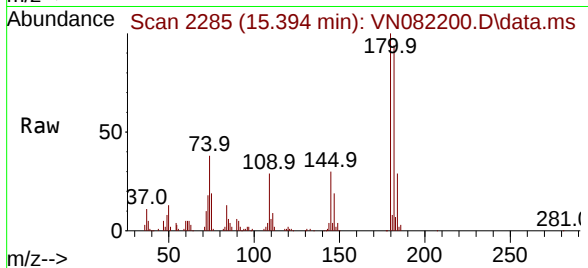
145 30.5 16.2 48.6

Manual Integrations

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Reviewed By :John Carlone 05/21/2024

Supervised By :Mahesh Dadoda 05/21/2024



#94

Hexachlorobutadiene

Concen: 47.028 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. 0.006 min

Lab File: VN082200.D

Acq: 20 May 2024 11:02

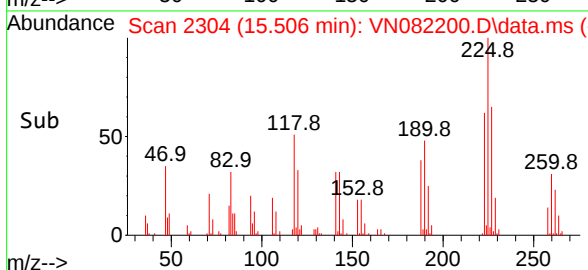
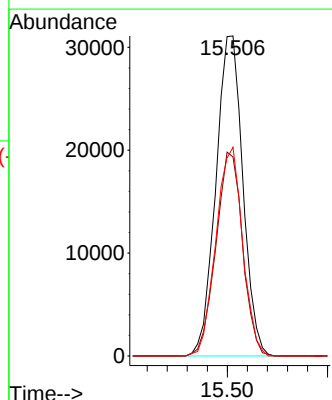
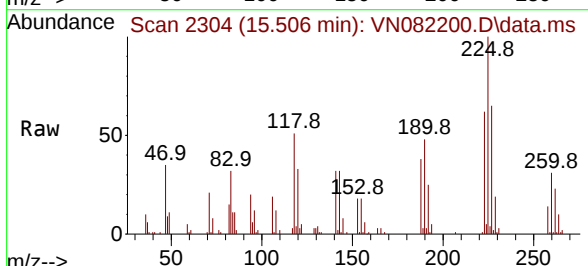
Tgt Ion:225 Resp: 58023

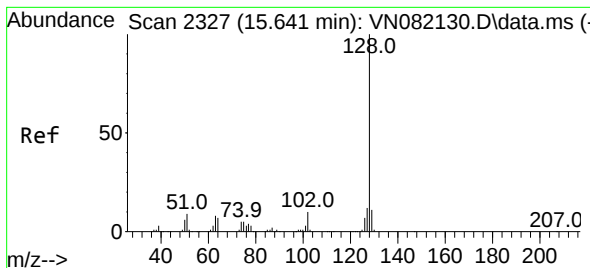
Ion Ratio Lower Upper

225 100

223 62.8 31.1 93.2

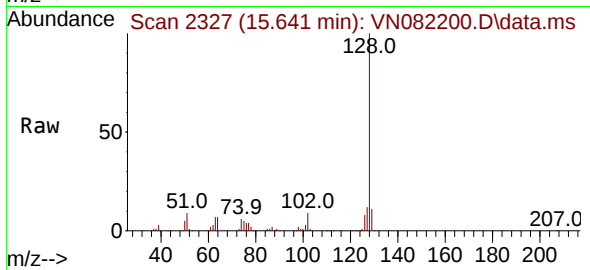
227 64.3 30.6 91.6





#95
Naphthalene
Concen: 50.256 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN082200.D
Acq: 20 May 2024 11:02

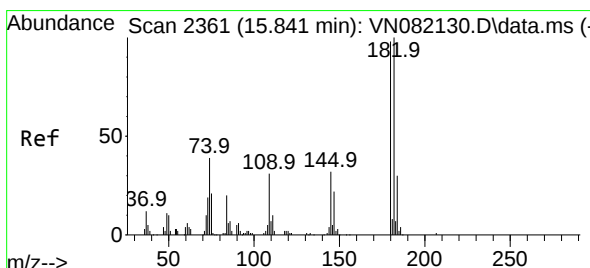
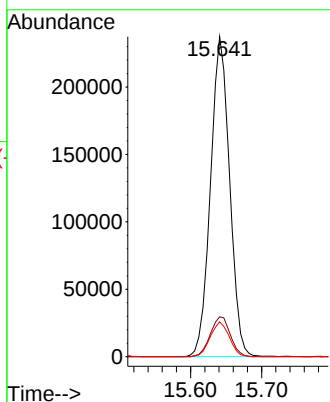
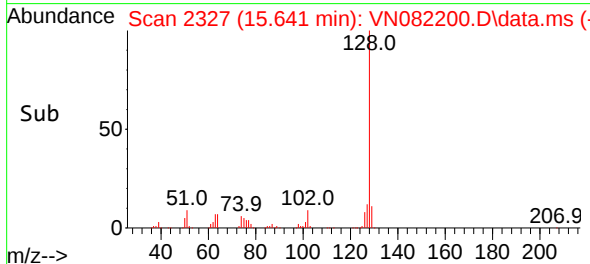
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 44284
Ion Ratio Lower Upper
128 100
127 13.0 10.1 15.1
129 10.8 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/21/2024
Supervised By :Mahesh Dadoda 05/21/2024



#96
1,2,3-Trichlorobenzene
Concen: 49.165 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VN082200.D
Acq: 20 May 2024 11:02

Tgt Ion:180 Resp: 138390
Ion Ratio Lower Upper
180 100
182 95.7 46.0 137.8
145 32.6 17.1 51.3

