

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052024\
 Data File : VN082227.D
 Acq On : 20 May 2024 22:12
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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

Quant Time: May 21 03:56:19 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	188092	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	330860	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	304110	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	145741	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	143351	48.266	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.540%		
35) Dibromofluoromethane	8.165	113	100894	49.572	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.140%		
50) Toluene-d8	10.571	98	374949	48.051	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.100%		
62) 4-Bromofluorobenzene	12.847	95	139052	49.926	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	99.860%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	129969	47.927	ug/l	100
3) Chloromethane	2.359	50	142076	46.229	ug/l	99
4) Vinyl Chloride	2.512	62	145418	50.331	ug/l	98
5) Bromomethane	2.948	94	70685	42.563	ug/l	93
6) Chloroethane	3.118	64	95052	50.384	ug/l	97
7) Trichlorofluoromethane	3.495	101	195636	51.710	ug/l	100
8) Diethyl Ether	3.959	74	70273	52.139	ug/l	68
9) 1,1,2-Trichlorotrifluo...	4.371	101	108558	49.119	ug/l	97
10) Methyl Iodide	4.595	142	117297	52.794	ug/l	99
11) Tert butyl alcohol	5.518	59	123822	259.719	ug/l	99
12) 1,1-Dichloroethene	4.342	96	107062	52.119	ug/l #	82
13) Acrolein	4.177	56	77031	218.037	ug/l	99
14) Allyl chloride	5.024	41	210474	47.857	ug/l #	91
15) Acrylonitrile	5.718	53	334621	271.006	ug/l	99
16) Acetone	4.424	43	298659	245.133	ug/l	90
17) Carbon Disulfide	4.712	76	303185	45.697	ug/l	100
18) Methyl Acetate	5.024	43	160731	52.974	ug/l #	86
19) Methyl tert-butyl Ether	5.800	73	403988	53.804	ug/l	97
20) Methylene Chloride	5.277	84	126009	51.261	ug/l #	78
21) trans-1,2-Dichloroethene	5.789	96	111987	50.027	ug/l #	75
22) Diisopropyl ether	6.671	45	484566	52.764	ug/l #	91
23) Vinyl Acetate	6.606	43	1940843	268.049	ug/l #	88
24) 1,1-Dichloroethane	6.565	63	243299	51.399	ug/l	96
25) 2-Butanone	7.483	43	484144	262.093	ug/l #	83
26) 2,2-Dichloropropane	7.488	77	168988	42.622	ug/l	97
27) cis-1,2-Dichloroethene	7.488	96	138962	52.600	ug/l	84
28) Bromochloromethane	7.812	49	100354	48.723	ug/l #	76
29) Tetrahydrofuran	7.841	42	322770	272.146	ug/l #	82
30) Chloroform	7.965	83	237523	52.546	ug/l	95
31) Cyclohexane	8.259	56	221073	46.605	ug/l	85
32) 1,1,1-Trichloroethane	8.171	97	213682	53.284	ug/l	94
36) 1,1-Dichloropropene	8.371	75	170152	49.846	ug/l	96
37) Ethyl Acetate	7.559	43	198338	51.919	ug/l #	95
38) Carbon Tetrachloride	8.365	117	179707	51.934	ug/l	99
39) Methylcyclohexane	9.600	83	186513	49.848	ug/l #	87
40) Benzene	8.606	78	519398	51.026	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	114736	51.069	ug/l #	86
42) 1,2-Dichloroethane	8.671	62	201678	51.515	ug/l	95
43) Isopropyl Acetate	8.688	43	401211	59.272	ug/l #	85
44) Trichloroethene	9.353	130	114469	49.506	ug/l	99
45) 1,2-Dichloropropane	9.624	63	134701	51.288	ug/l	96
46) Dibromomethane	9.712	93	89306	51.794	ug/l	98
47) Bromodichloromethane	9.888	83	191900	52.718	ug/l	98
48) Methyl methacrylate	9.682	41	170238	52.780	ug/l #	83
49) 1,4-Dioxane	9.694	88	47910	1060.018	ug/l #	76
51) 4-Methyl-2-Pentanone	10.447	43	1047343	272.324	ug/l	90
52) Toluene	10.629	92	321547	52.639	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	194584	51.686	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	204783	51.389	ug/l #	79
55) 1,1,2-Trichloroethane	11.018	97	116603	52.527	ug/l	96
56) Ethyl methacrylate	10.876	69	211877	56.217	ug/l #	70
57) 1,3-Dichloropropane	11.165	76	215217	51.852	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	526468	270.815	ug/l	91
59) 2-Hexanone	11.194	43	779659	276.865	ug/l	88
60) Dibromochloromethane	11.359	129	138002	56.332	ug/l	99
61) 1,2-Dibromoethane	11.471	107	120245	52.736	ug/l	98
64) Tetrachloroethene	11.106	164	114343	50.728	ug/l	93
65) Chlorobenzene	11.894	112	339463	50.529	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	117833	53.247	ug/l	100
67) Ethyl Benzene	11.965	91	624591	51.971	ug/l	98
68) m/p-Xylenes	12.070	106	468535	106.373	ug/l	94
69) o-Xylene	12.400	106	224934	52.719	ug/l	92
70) Styrene	12.412	104	389393	54.945	ug/l	96
71) Bromoform	12.582	173	92739	52.653	ug/l #	99
73) Isopropylbenzene	12.700	105	586279	50.636	ug/l	97
74) N-amyl acetate	12.494	43	320111	50.263	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.941	83	165016	49.441	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	156937m	51.161	ug/l	
77) Bromobenzene	12.982	156	138089	50.046	ug/l	87
78) n-propylbenzene	13.035	91	699525	51.021	ug/l	96
79) 2-Chlorotoluene	13.129	91	422339	49.055	ug/l	93
80) 1,3,5-Trimethylbenzene	13.176	105	488208	52.147	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.735	75	61830	47.145	ug/l #	80
82) 4-Chlorotoluene	13.223	91	419966	49.891	ug/l	94
83) tert-Butylbenzene	13.441	119	416884	50.899	ug/l	94
84) 1,2,4-Trimethylbenzene	13.482	105	494802	51.659	ug/l	97
85) sec-Butylbenzene	13.617	105	584715	51.505	ug/l	98
86) p-Isopropyltoluene	13.729	119	487103	52.795	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	249482	49.907	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	249205	48.844	ug/l	99
89) n-Butylbenzene	14.059	91	415676	50.125	ug/l	98
90) Hexachloroethane	14.335	117	89597	52.413	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	241280	50.991	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	36722	53.551	ug/l	88
93) 1,2,4-Trichlorobenzene	15.394	180	130948	49.370	ug/l	97
94) Hexachlorobutadiene	15.500	225	53618	46.069	ug/l	99
95) Naphthalene	15.641	128	439729	52.902	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	134421	50.625	ug/l	99

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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

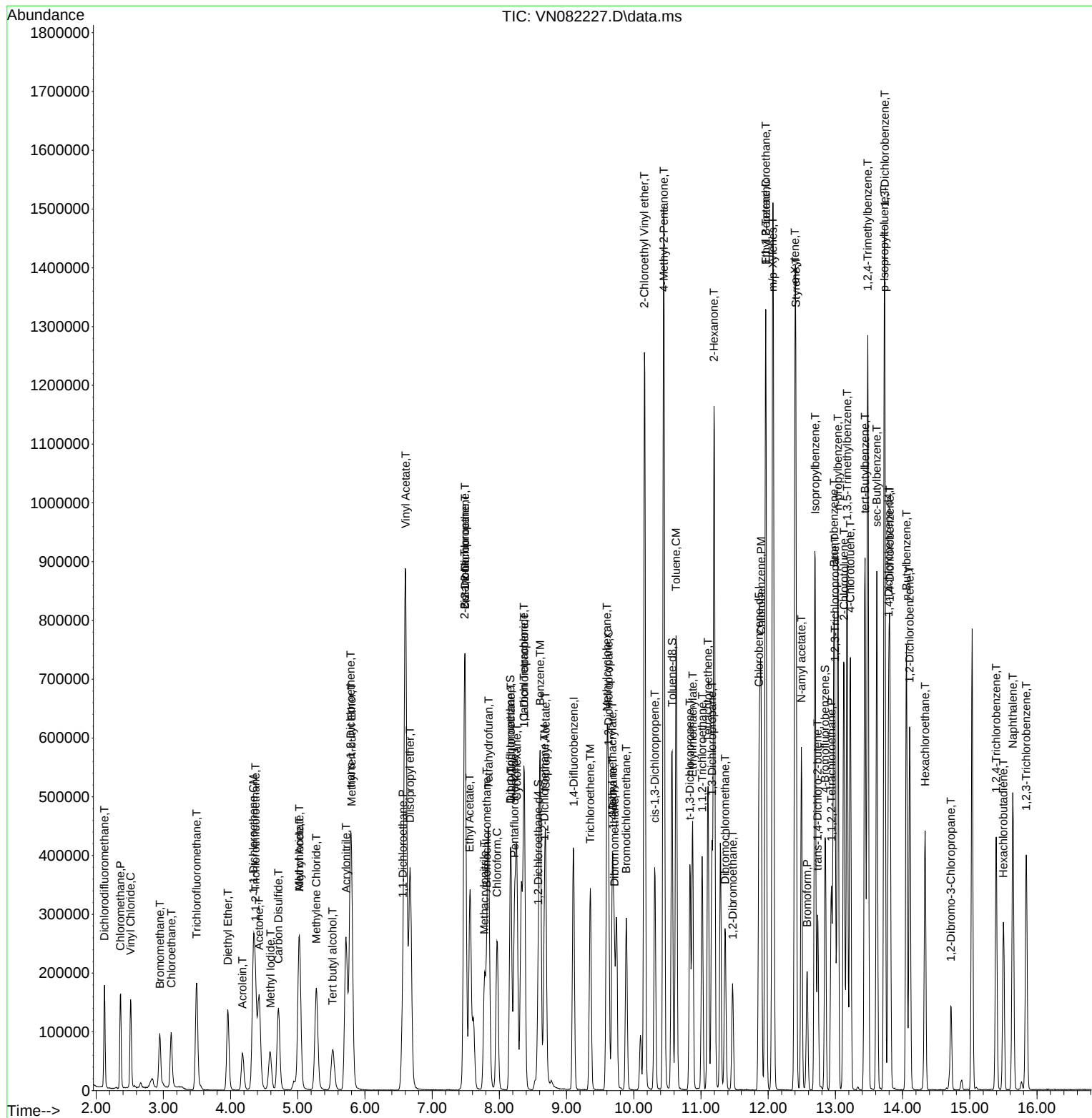
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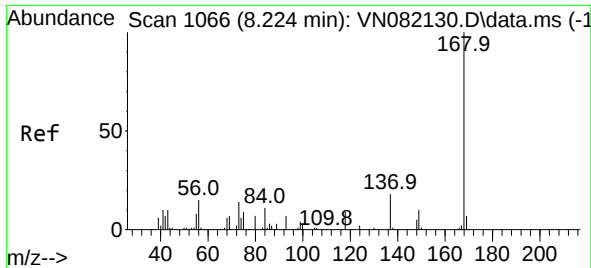
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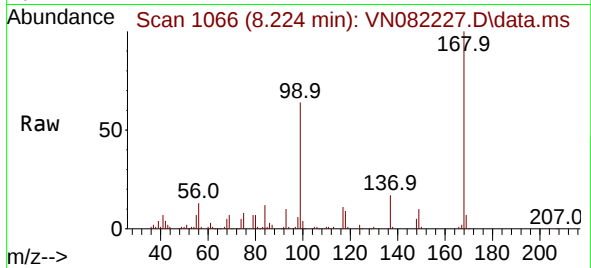
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
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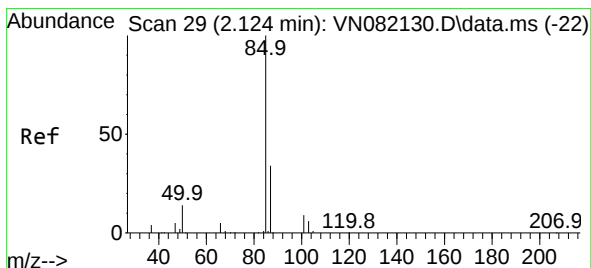
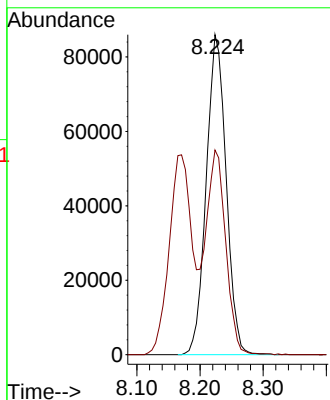
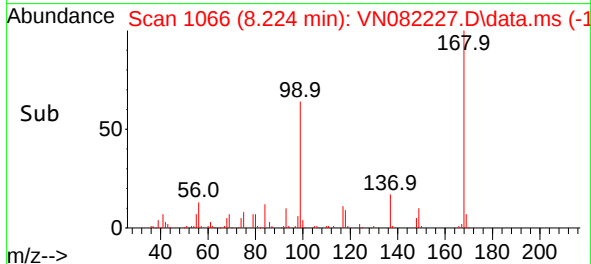
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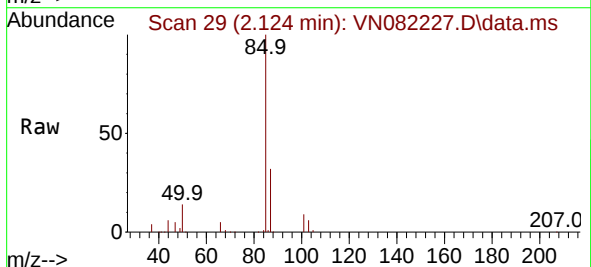
Tgt Ion:168 Resp: 188092
Ion Ratio Lower Upper
168 100
99 63.7 48.2 72.4

Manual Integrations
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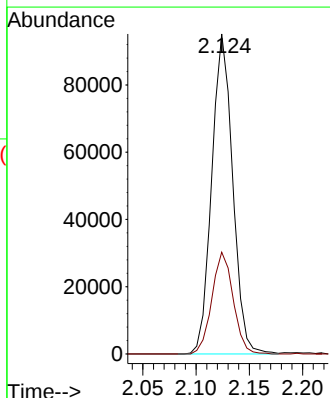
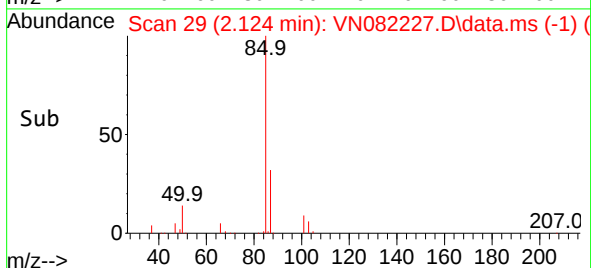
Reviewed By :John Carlone 05/21/2024
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#2
Dichlorodifluoromethane
Concen: 47.927 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN082227.D
Acq: 20 May 2024 22:12



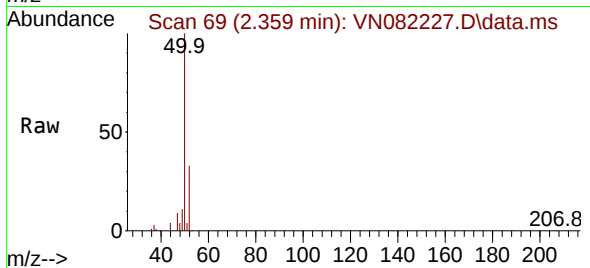
Tgt Ion: 85 Resp: 129969
Ion Ratio Lower Upper
85 100
87 31.8 15.8 47.4





#3
Chloromethane
Concen: 46.229 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN082227.D
Acq: 20 May 2024 22:12

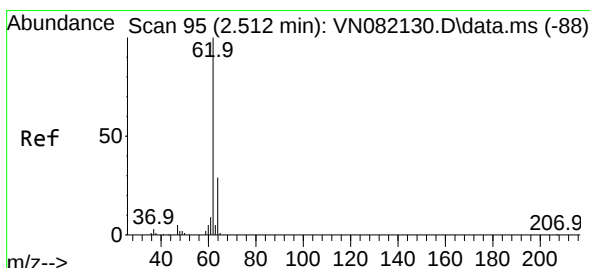
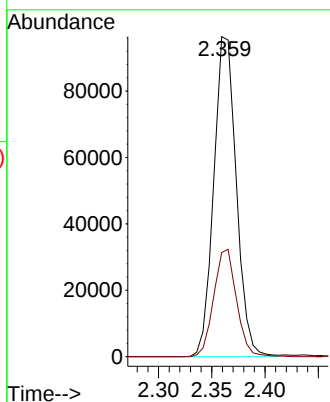
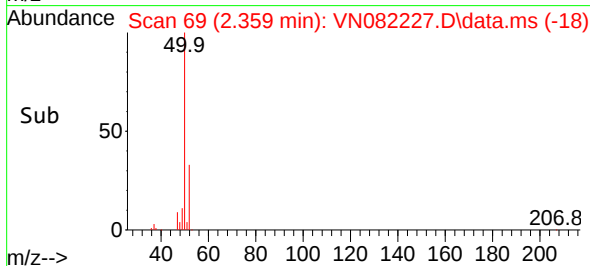
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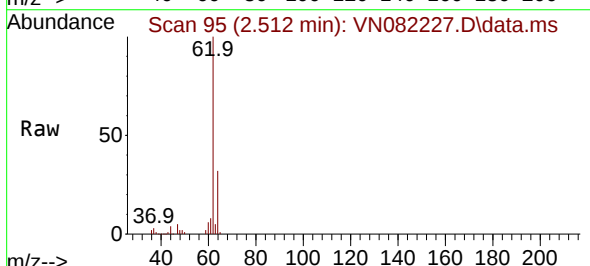
Tgt Ion: 50 Resp: 142070
Ion Ratio Lower Upper
50 100
52 32.6 25.5 38.3

Manual Integrations
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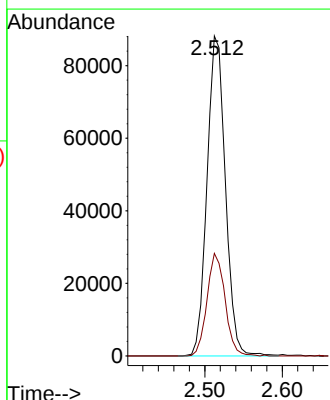
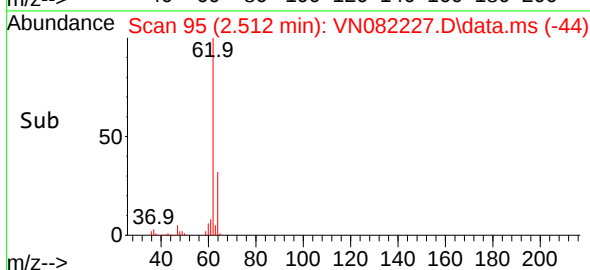
Reviewed By :John Carlone 05/21/2024
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#4
Vinyl Chloride
Concen: 50.331 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
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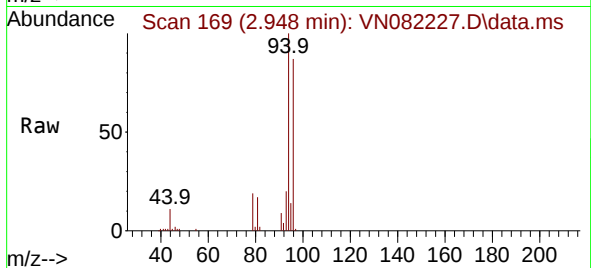
Tgt Ion: 62 Resp: 145418
Ion Ratio Lower Upper
62 100
64 32.0 24.6 37.0





#5
Bromomethane
Concen: 42.563 ug/l
RT: 2.948 min Scan# 170
Delta R.T. -0.006 min
Lab File: VN082227.D
Acq: 20 May 2024 22:12

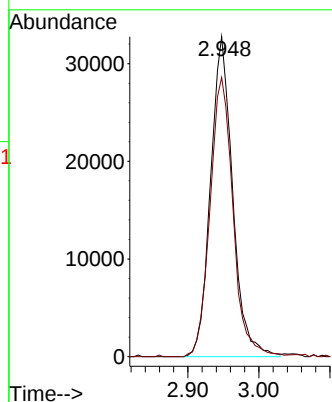
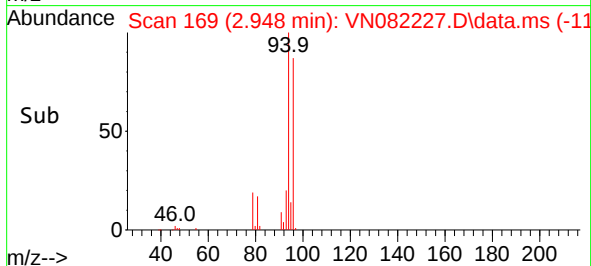
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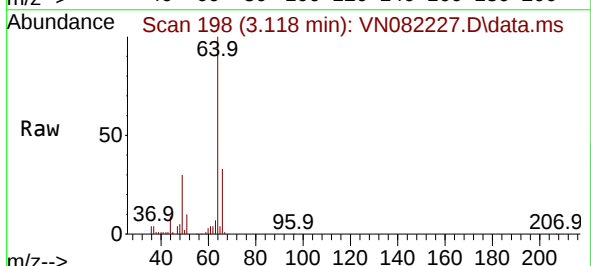
Tgt Ion: 94 Resp: 70685
Ion Ratio Lower Upper
94 100
96 87.2 74.8 112.2

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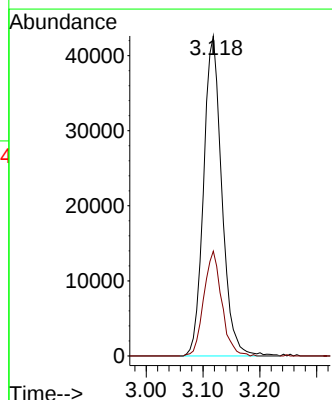
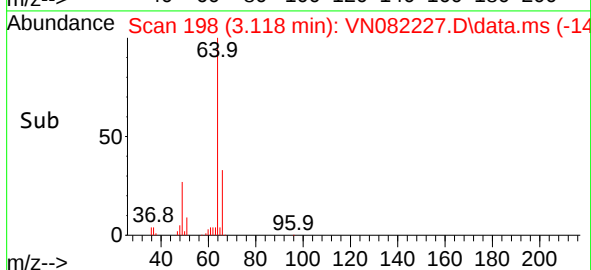
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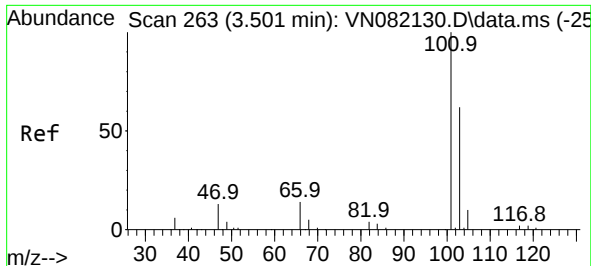


#6
Chloroethane
Concen: 50.384 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.000 min
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Tgt Ion: 64 Resp: 95052
Ion Ratio Lower Upper
64 100
66 32.8 24.7 37.1





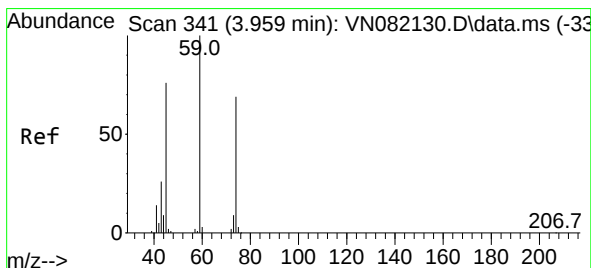
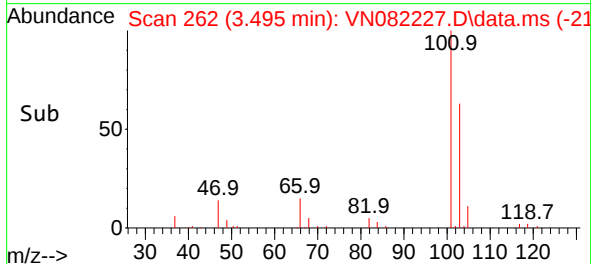
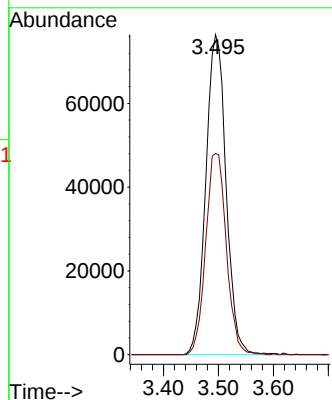
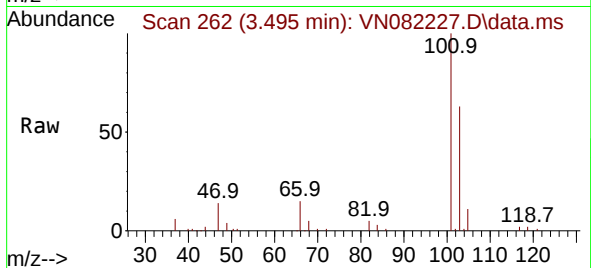
#7
Trichlorofluoromethane
Concen: 51.710 ug/l
RT: 3.495 min Scan# 263
Delta R.T. -0.006 min
Lab File: VN082227.D
Acq: 20 May 2024 22:12

Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 195630
Ion Ratio Lower Upper
101 100
103 62.9 50.6 75.8

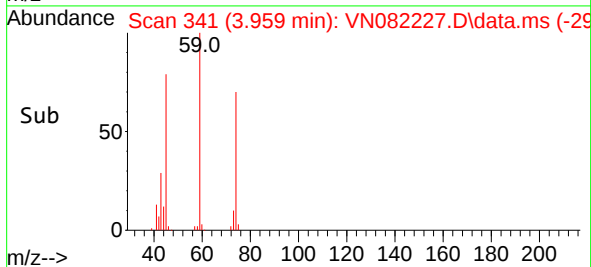
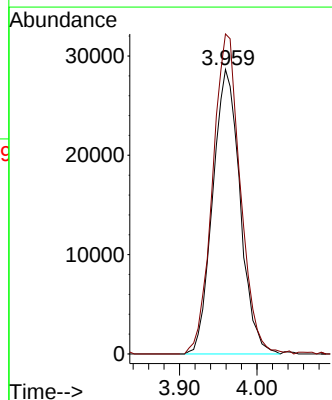
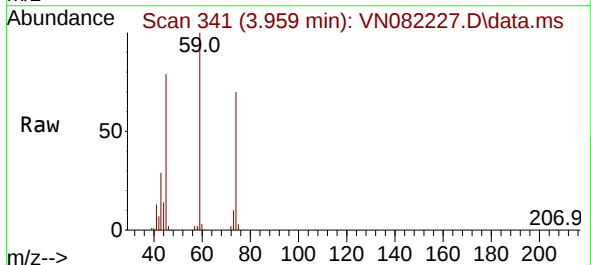
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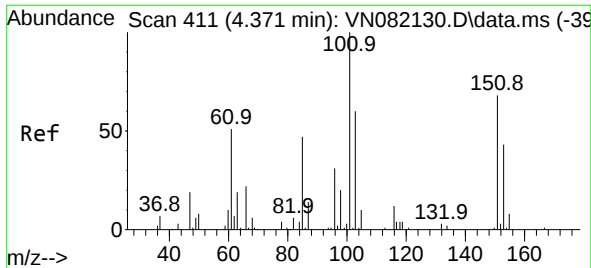
Reviewed By :John Carlone 05/21/2024
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#8
Diethyl Ether
Concen: 52.139 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
Lab File: VN082227.D
Acq: 20 May 2024 22:12

Tgt Ion: 74 Resp: 70273
Ion Ratio Lower Upper
74 100
45 114.2 42.4 127.3





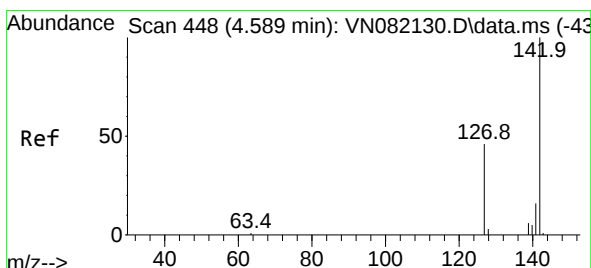
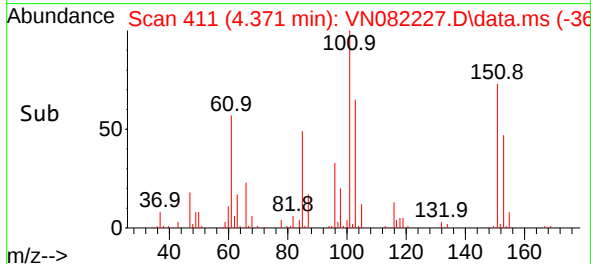
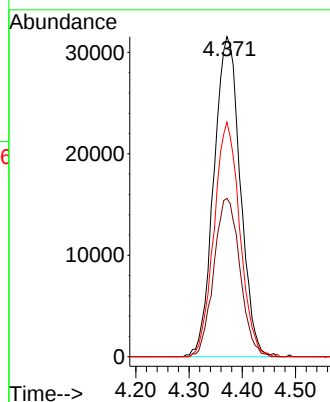
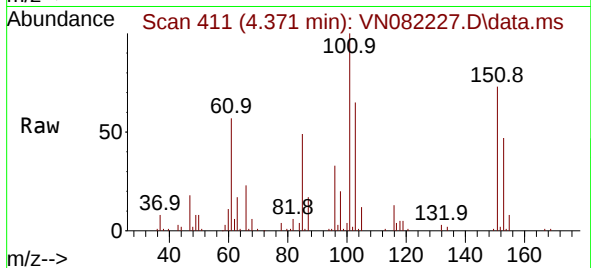
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.119 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN082227.D
Acq: 20 May 2024 22:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 108558
Ion Ratio Lower Upper
101 100
85 49.1 37.3 55.9
151 71.4 59.2 88.8

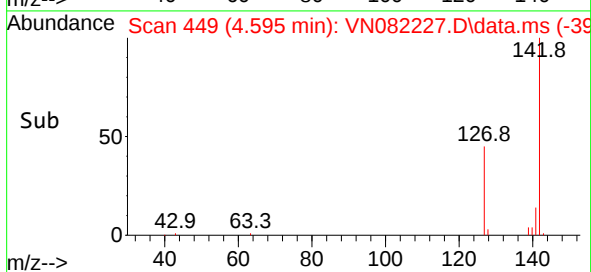
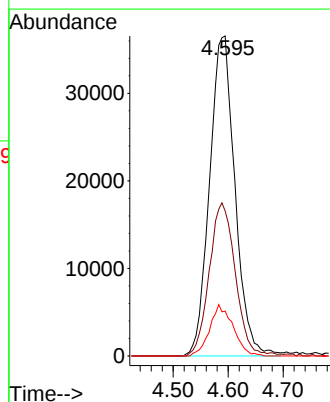
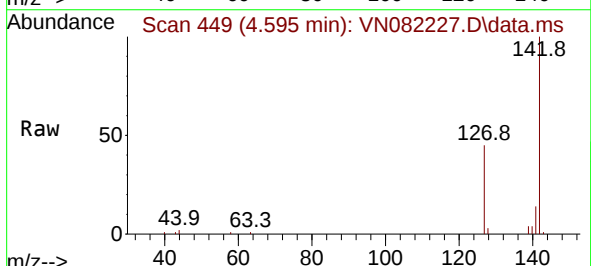
Manual Integrations
APPROVED

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



#10
Methyl Iodide
Concen: 52.794 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.006 min
Lab File: VN082227.D
Acq: 20 May 2024 22:12

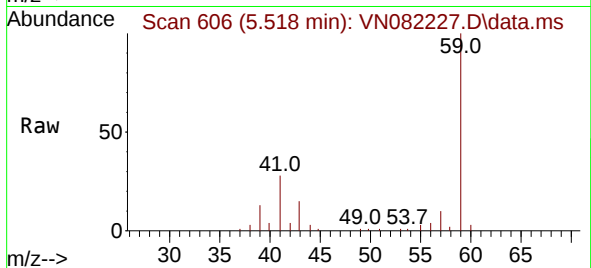
Tgt Ion:142 Resp: 117297
Ion Ratio Lower Upper
142 100
127 45.3 35.8 53.6
141 14.0 11.4 17.2





#11
Tert butyl alcohol
Concen: 259.719 ug/l
RT: 5.518 min Scan# 606
Delta R.T. -0.000 min
Lab File: VN082227.D
Acq: 20 May 2024 22:12

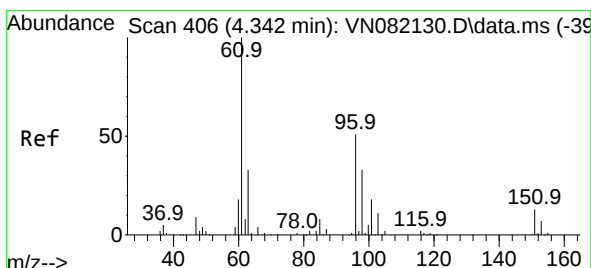
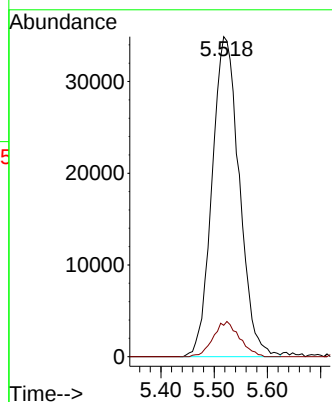
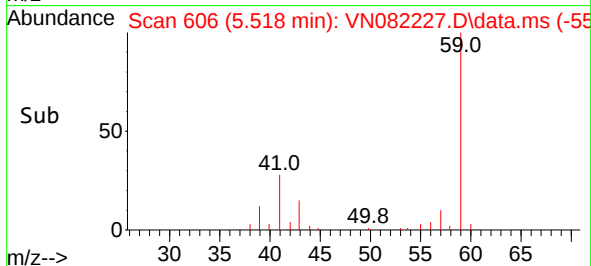
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



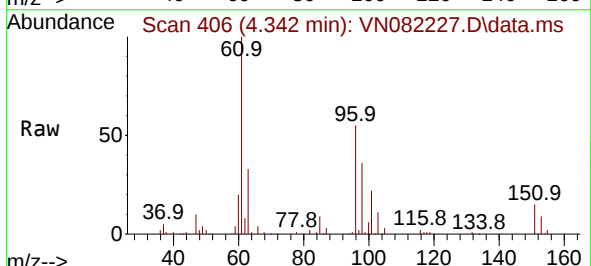
Tgt Ion: 59 Resp: 12382
Ion Ratio Lower Upper
59 100
57 10.6 8.9 13.3

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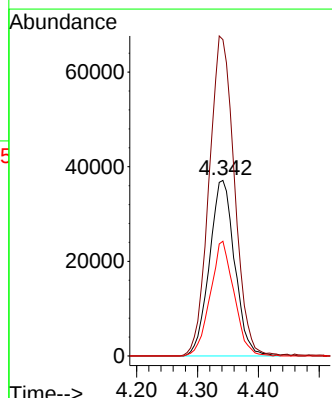
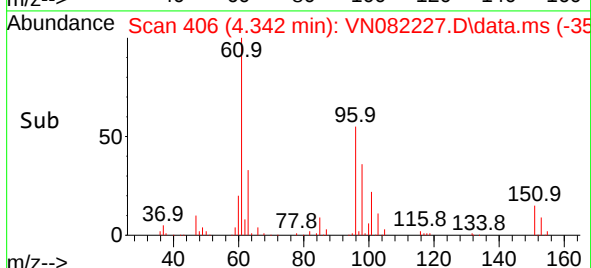
Reviewed By :John Carlone 05/21/2024
Supervised By :Mahesh Dadoda 05/21/2024

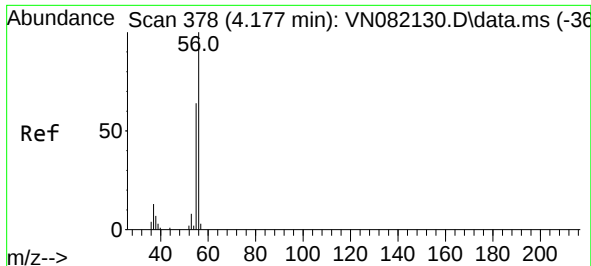


#12
1,1-Dichloroethene
Concen: 52.119 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN082227.D
Acq: 20 May 2024 22:12



Tgt Ion: 96 Resp: 107062
Ion Ratio Lower Upper
96 100
61 180.2 119.7 179.5#
98 65.4 49.6 74.4





#13

Acrolein

Concen: 218.037 ug/l

RT: 4.177 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN082227.D

Acq: 20 May 2024 22:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 7703

Ion Ratio Lower Upper

56 100

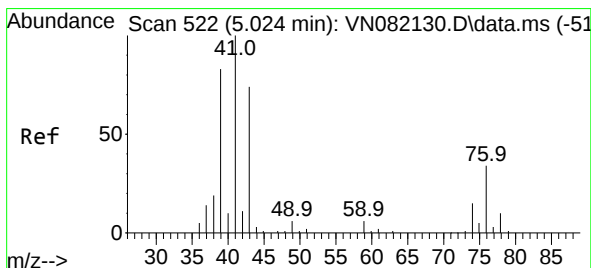
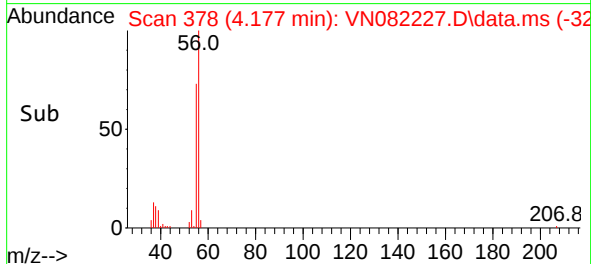
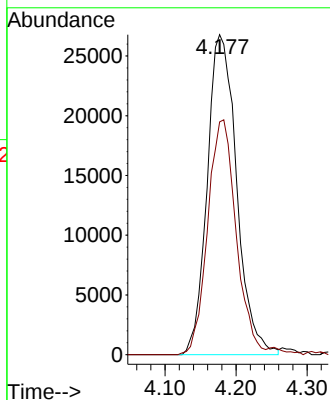
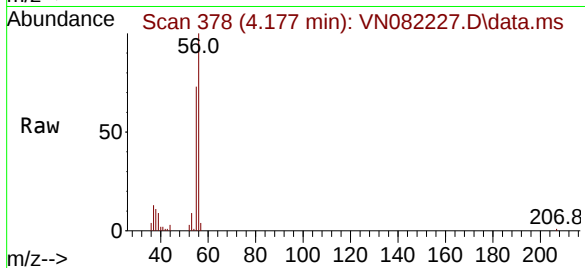
55 70.7 55.8 83.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/21/2024

Supervised By :Mahesh Dadoda 05/21/2024



#14

Allyl chloride

Concen: 47.857 ug/l

RT: 5.024 min Scan# 522

Delta R.T. -0.000 min

Lab File: VN082227.D

Acq: 20 May 2024 22:12

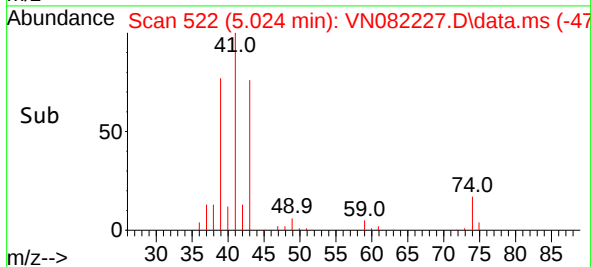
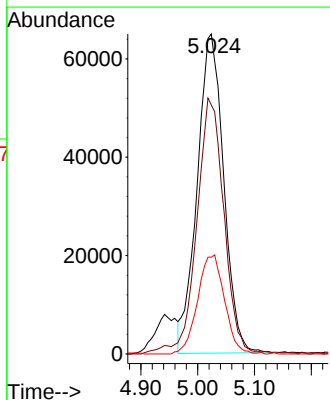
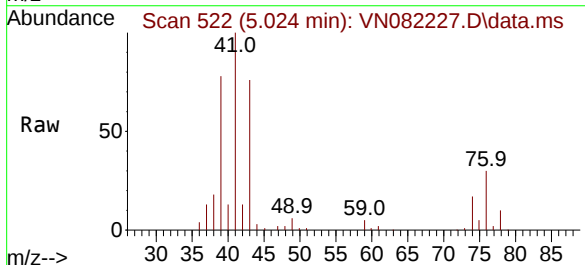
Tgt Ion: 41 Resp: 210474

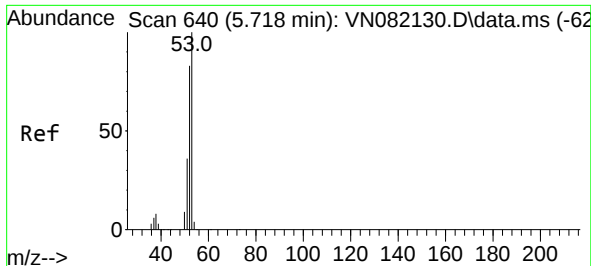
Ion Ratio Lower Upper

41 100

39 82.5 65.4 98.0

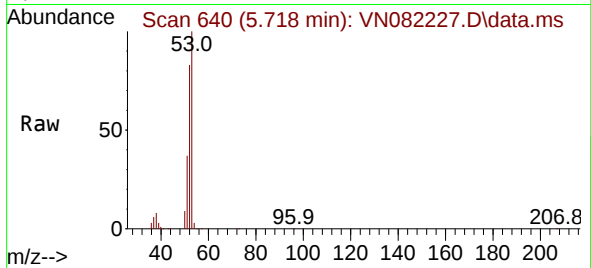
76 31.3 37.3 55.9#





#15
Acrylonitrile
Concen: 271.006 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN082227.D
Acq: 20 May 2024 22:12

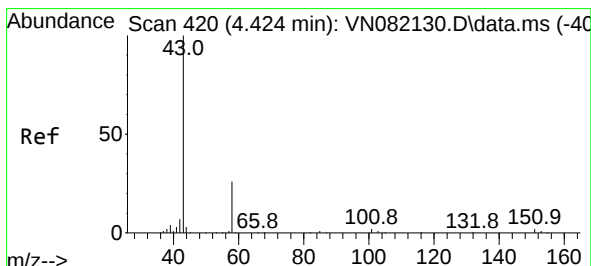
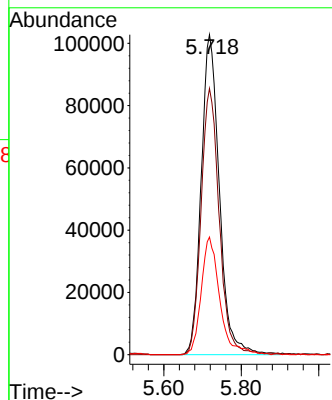
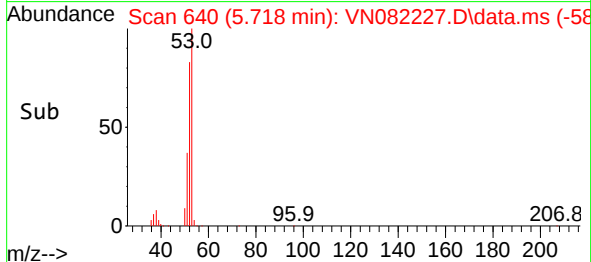
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 33462
Ion Ratio Lower Upper
53 100
52 82.9 66.1 99.1
51 37.5 29.4 44.2

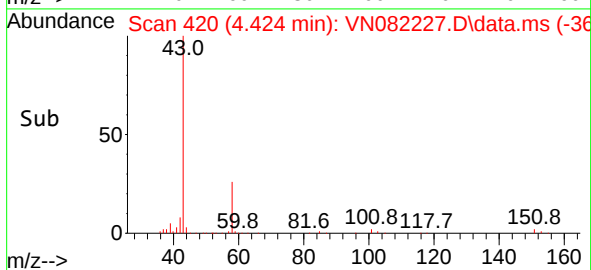
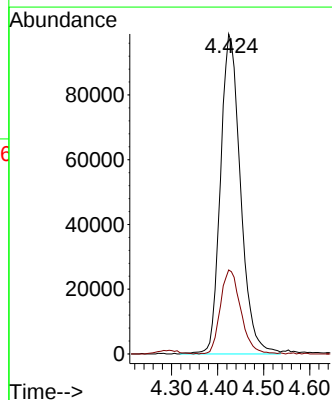
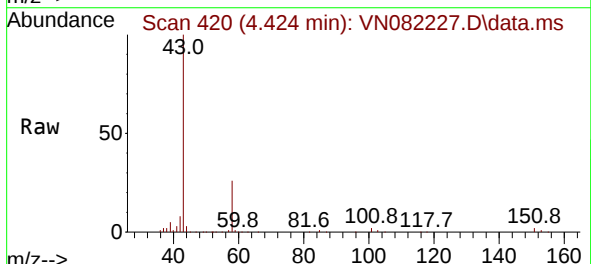
Manual Integrations
APPROVED

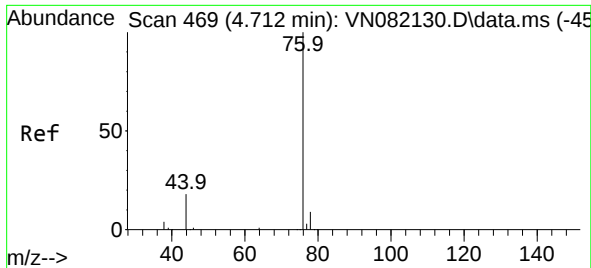
Reviewed By :John Carlone 05/21/2024
Supervised By :Mahesh Dadoda 05/21/2024



#16
Acetone
Concen: 245.133 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN082227.D
Acq: 20 May 2024 22:12

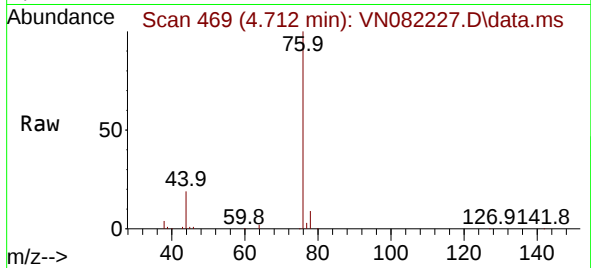
Tgt Ion: 43 Resp: 298659
Ion Ratio Lower Upper
43 100
58 25.9 25.2 37.8





#17
Carbon Disulfide
Concen: 45.697 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN082227.D
Acq: 20 May 2024 22:12

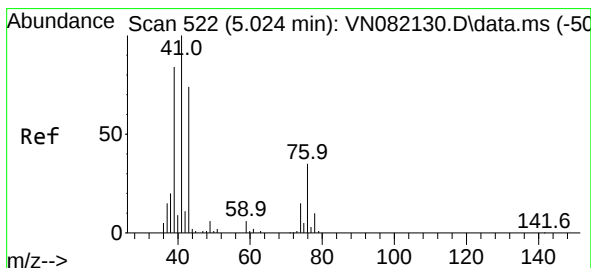
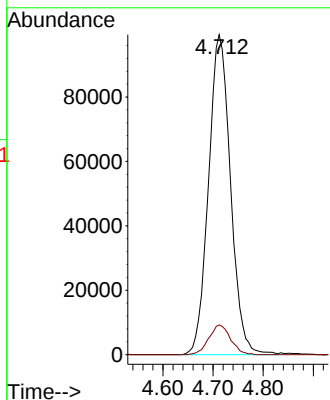
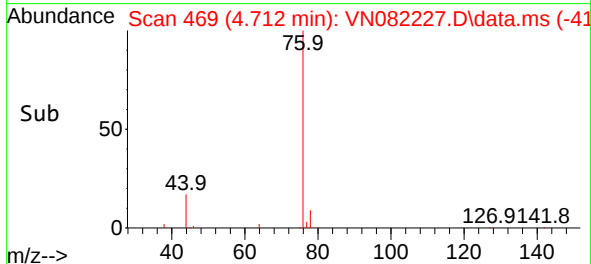
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



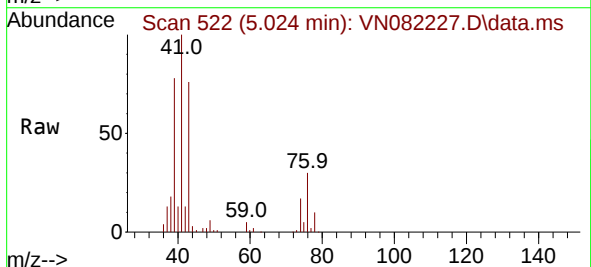
Tgt Ion: 76 Resp: 30318
Ion Ratio Lower Upper
76 100
78 9.3 7.5 11.3

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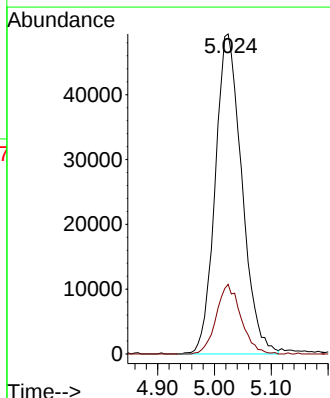
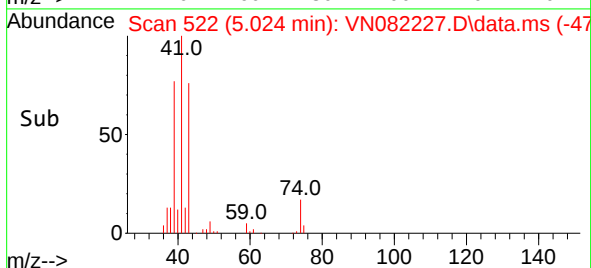
Reviewed By :John Carlone 05/21/2024
Supervised By :Mahesh Dadoda 05/21/2024

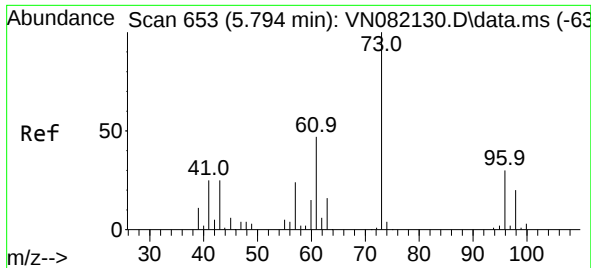


#18
Methyl Acetate
Concen: 52.974 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN082227.D
Acq: 20 May 2024 22:12



Tgt Ion: 43 Resp: 160731
Ion Ratio Lower Upper
43 100
74 20.2 22.2 33.2#





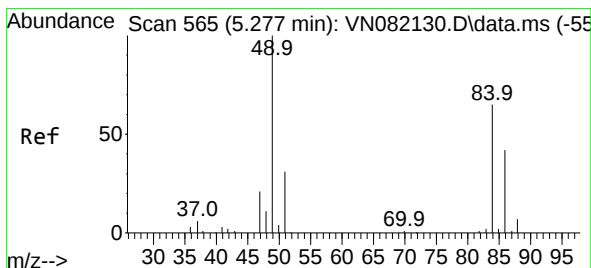
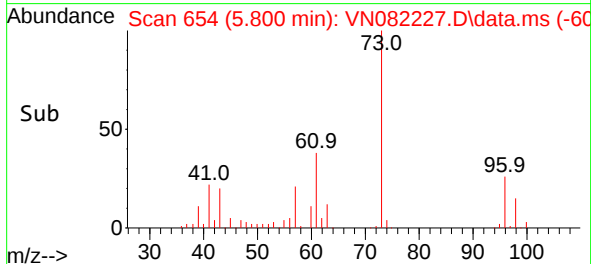
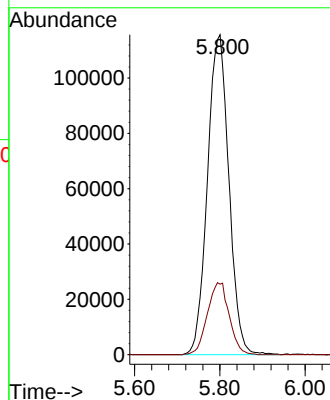
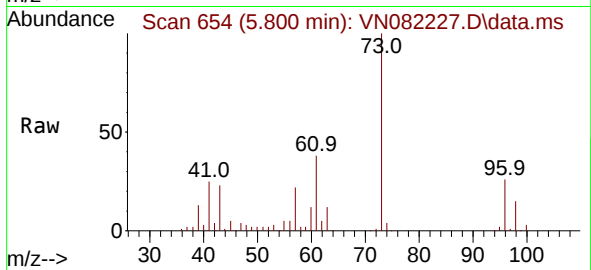
#19
Methyl tert-butyl Ether
Concen: 53.804 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN082227.D
Acq: 20 May 2024 22:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 40398
Ion Ratio Lower Upper
73 100
57 22.1 16.5 24.7

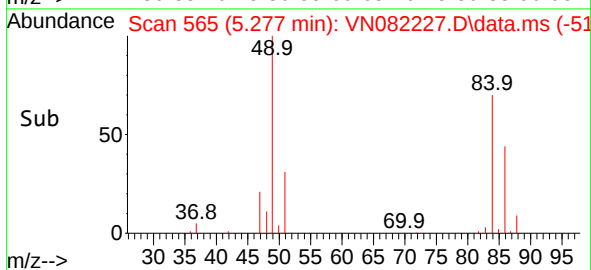
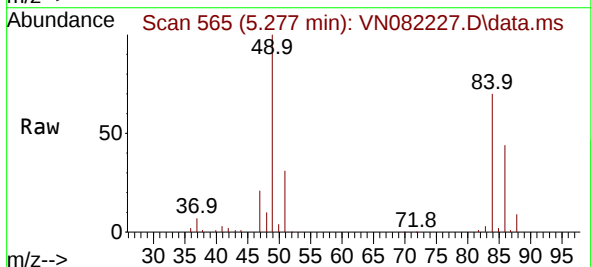
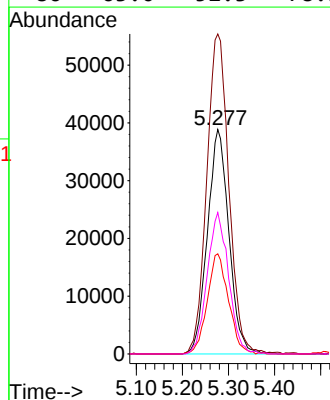
Manual Integrations
APPROVED

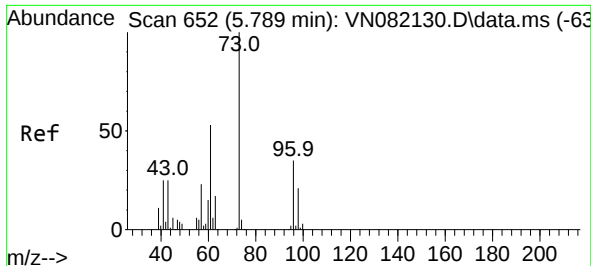
Reviewed By :John Carlone 05/21/2024
Supervised By :Mahesh Dadoda 05/21/2024



#20
Methylene Chloride
Concen: 51.261 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN082227.D
Acq: 20 May 2024 22:12

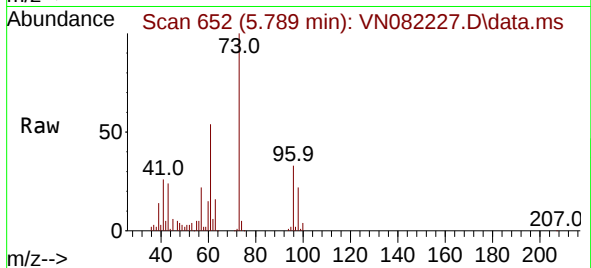
Tgt Ion: 84 Resp: 126009
Ion Ratio Lower Upper
84 100
49 142.6 84.9 127.3#
51 44.6 27.0 40.6#
86 63.0 52.3 78.5





#21
trans-1,2-Dichloroethene
Concen: 50.027 ug/l
RT: 5.789 min Scan# 611
Delta R.T. -0.000 min
Lab File: VN082227.D
Acq: 20 May 2024 22:12

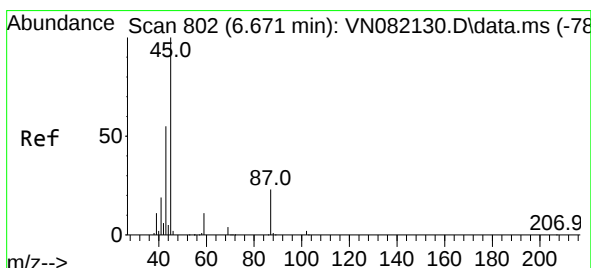
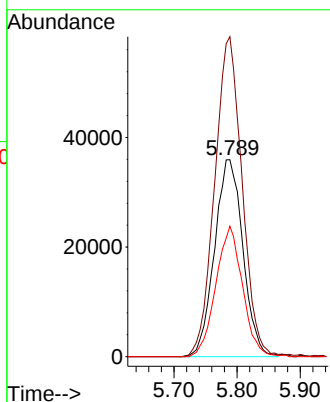
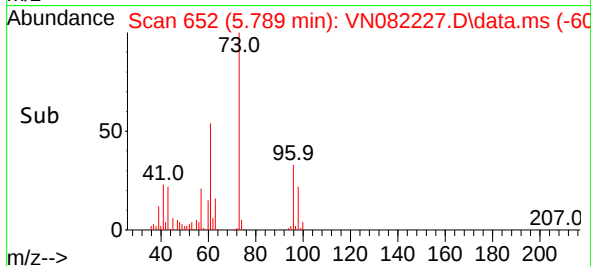
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 11198
Ion Ratio Lower Upper
96 100
61 162.5 96.5 144.7
98 66.2 51.3 76.9

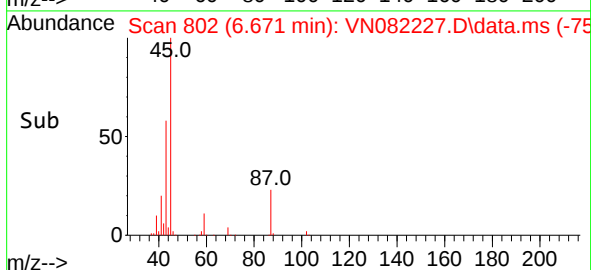
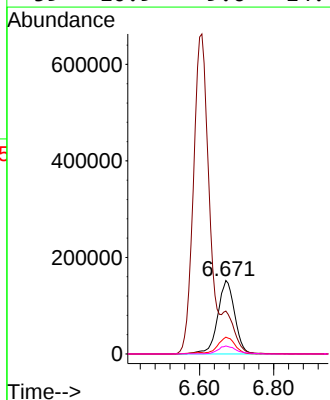
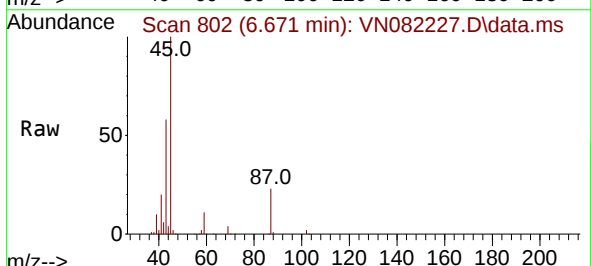
Manual Integrations
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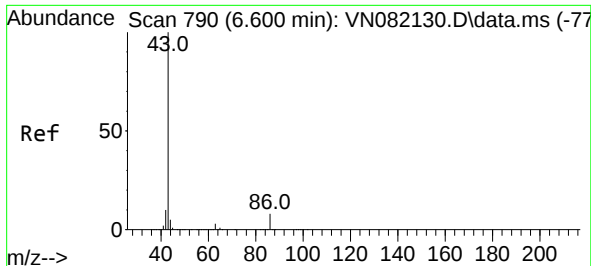
Reviewed By :John Carlone 05/21/2024
Supervised By :Mahesh Dadoda 05/21/2024



#22
Diisopropyl ether
Concen: 52.764 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN082227.D
Acq: 20 May 2024 22:12

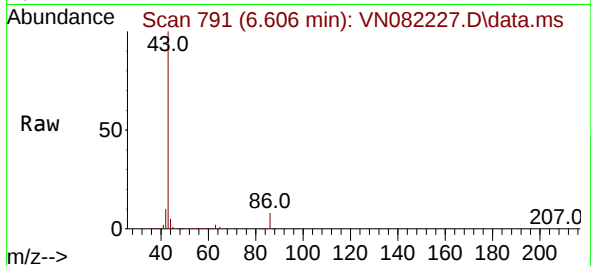
Tgt Ion: 45 Resp: 484566
Ion Ratio Lower Upper
45 100
43 57.9 44.1 66.1
87 22.8 27.0 40.6
59 10.9 9.6 14.4





#23
 Vinyl Acetate
 Concen: 268.049 ug/l
 RT: 6.606 min Scan# 790
 Delta R.T. 0.006 min
 Lab File: VN082227.D
 Acq: 20 May 2024 22:12

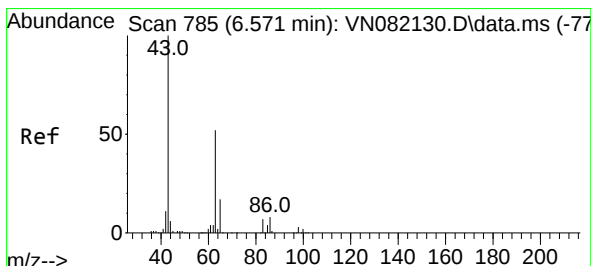
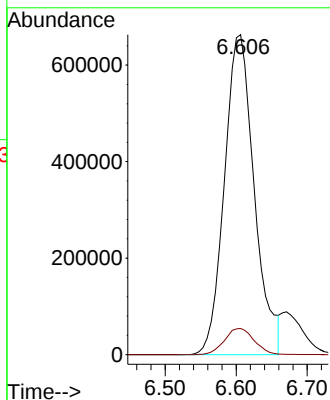
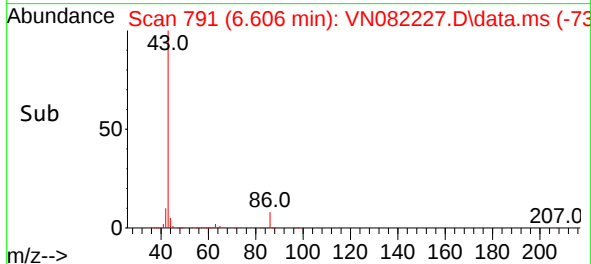
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 43 Resp: 194084
 Ion Ratio Lower Upper
 43 100
 86 8.2 10.2 15.4

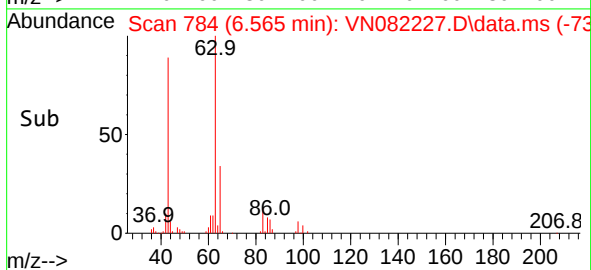
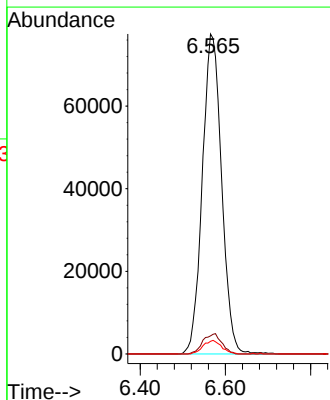
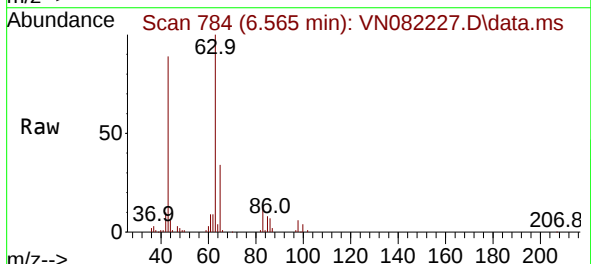
Manual Integrations
 APPROVED

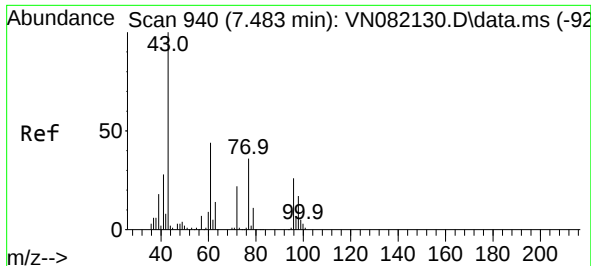
Reviewed By :John Carlone 05/21/2024
 Supervised By :Mahesh Dadoda 05/21/2024



#24
 1,1-Dichloroethane
 Concen: 51.399 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.006 min
 Lab File: VN082227.D
 Acq: 20 May 2024 22:12

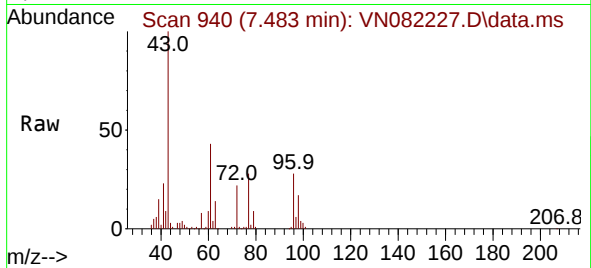
Tgt Ion: 63 Resp: 243299
 Ion Ratio Lower Upper
 63 100
 98 5.6 3.6 10.9
 100 4.0 2.6 7.8





#25
2-Butanone
Concen: 262.093 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN082227.D
Acq: 20 May 2024 22:12

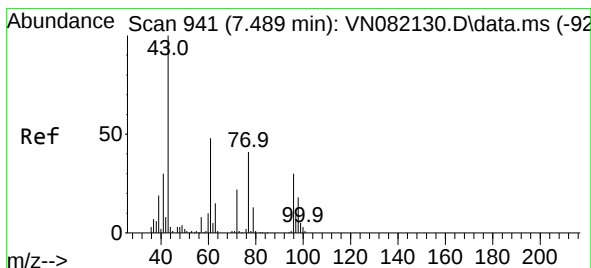
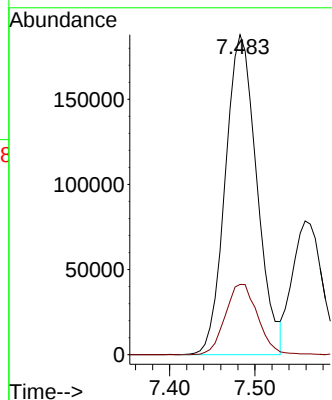
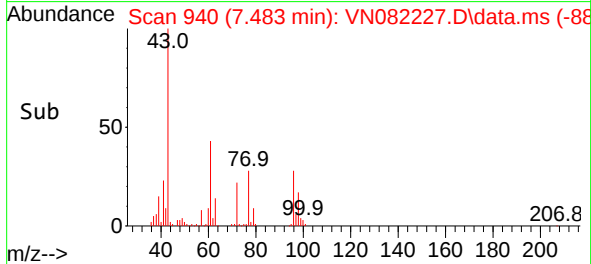
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



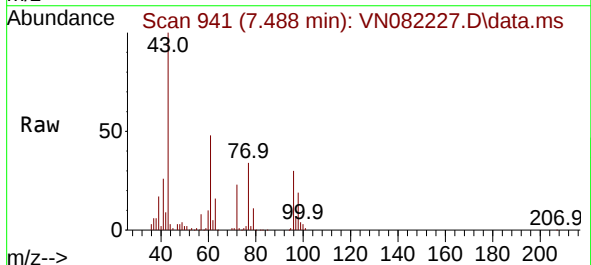
Tgt Ion: 43 Resp: 484144
Ion Ratio Lower Upper
43 100
72 22.0 25.3 37.9

Manual Integrations
APPROVED

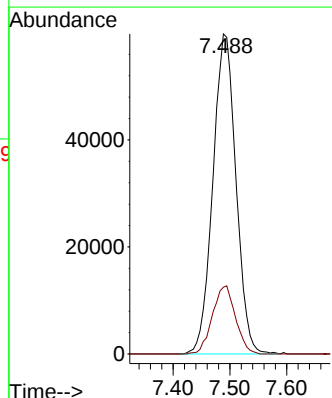
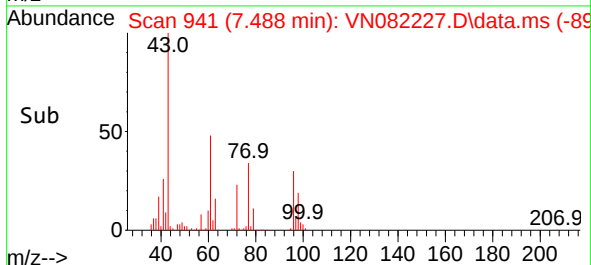
Reviewed By :John Carlone 05/21/2024
Supervised By :Mahesh Dadoda 05/21/2024



#26
2,2-Dichloropropane
Concen: 42.622 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN082227.D
Acq: 20 May 2024 22:12



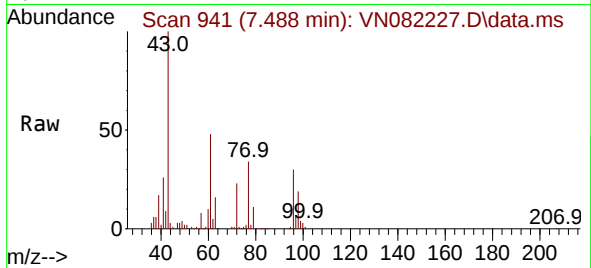
Tgt Ion: 77 Resp: 168988
Ion Ratio Lower Upper
77 100
97 21.2 11.3 33.9





#27
 cis-1,2-Dichloroethene
 Concen: 52.600 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. -0.000 min
 Lab File: VN082227.D
 Acq: 20 May 2024 22:12

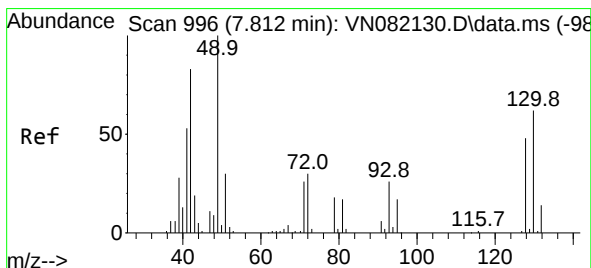
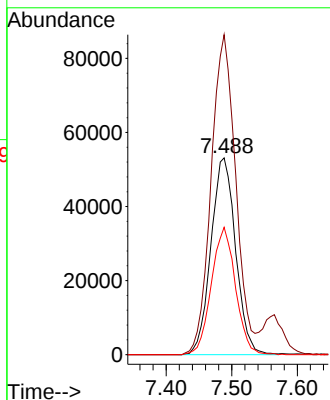
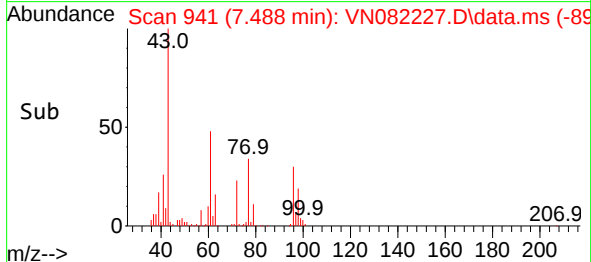
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 138962
 Ion Ratio Lower Upper
 96 100
 61 161.7 0.0 268.0
 98 63.3 0.0 126.8

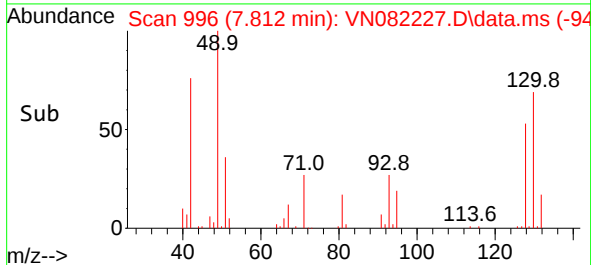
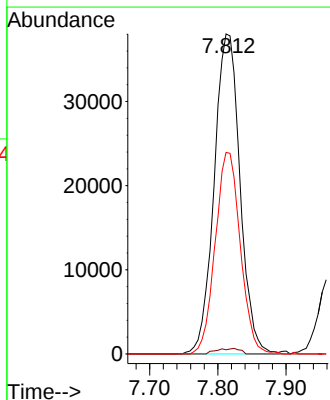
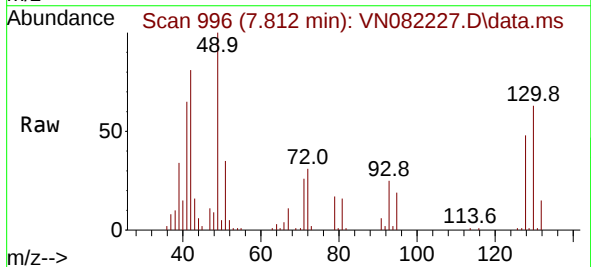
Manual Integrations
 APPROVED

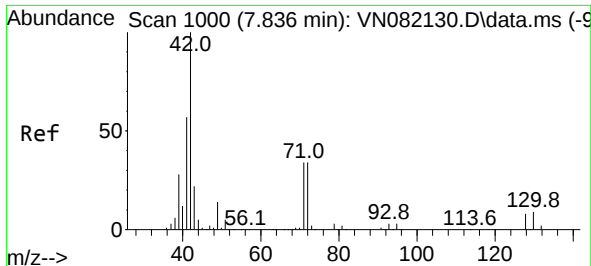
Reviewed By :John Carlone 05/21/2024
 Supervised By :Mahesh Dadoda 05/21/2024



#28
 Bromochloromethane
 Concen: 48.723 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.000 min
 Lab File: VN082227.D
 Acq: 20 May 2024 22:12

Tgt Ion: 49 Resp: 100354
 Ion Ratio Lower Upper
 49 100
 129 1.6 0.0 4.6
 130 61.1 66.7 100.1#





#29

Tetrahydrofuran

Concen: 272.146 ug/l

RT: 7.841 min Scan# 1000

Delta R.T. 0.005 min

Lab File: VN082227.D

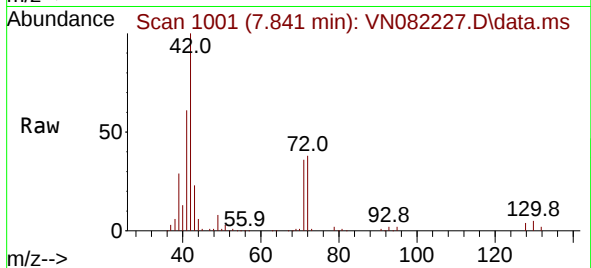
Acq: 20 May 2024 22:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



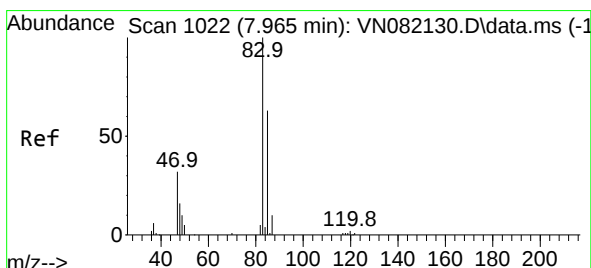
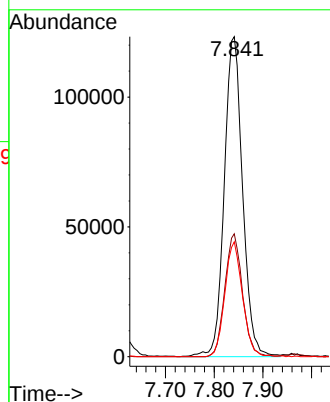
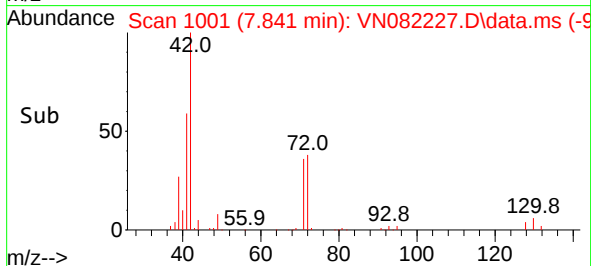
Tgt Ion:	42	Resp:	322770
Ion Ratio	100	Lower	Upper
42	100		
72	37.0	39.3	58.9
71	34.6	37.4	56.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/21/2024

Supervised By :Mahesh Dadoda 05/21/2024



#30

Chloroform

Concen: 52.546 ug/l

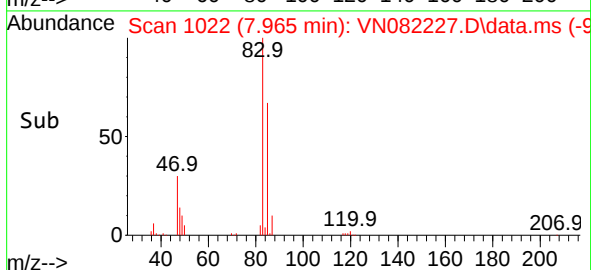
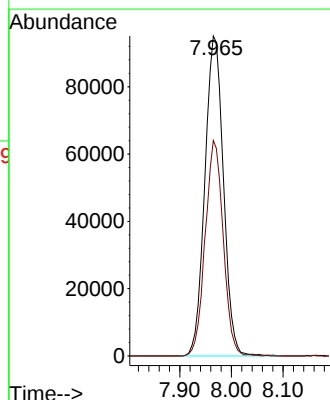
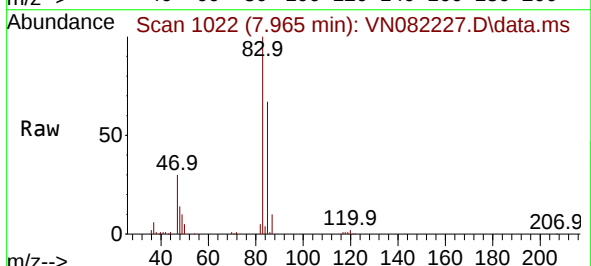
RT: 7.965 min Scan# 1022

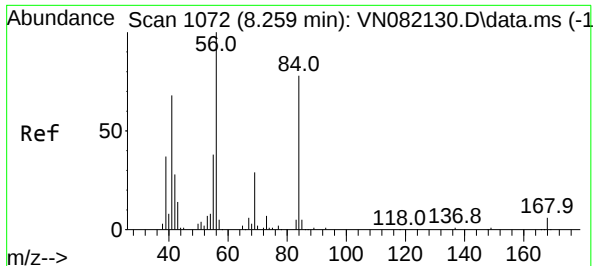
Delta R.T. -0.000 min

Lab File: VN082227.D

Acq: 20 May 2024 22:12

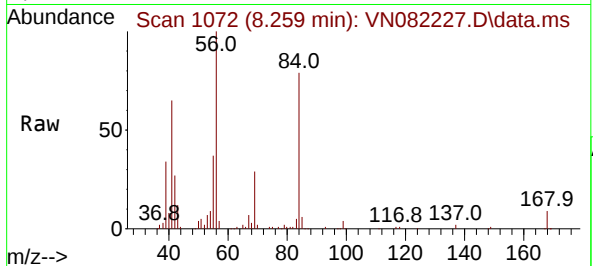
Tgt Ion:	83	Resp:	237523
Ion Ratio	100	Lower	Upper
83	100		
85	67.3	50.7	76.1





#31
Cyclohexane
Concen: 46.605 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.000 min
Lab File: VN082227.D
Acq: 20 May 2024 22:12

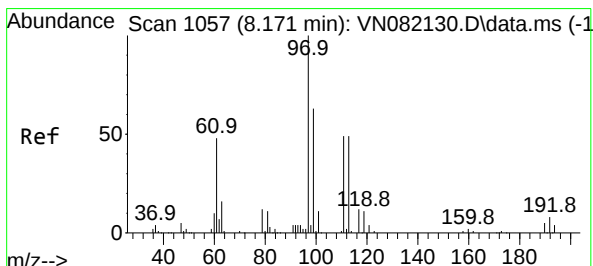
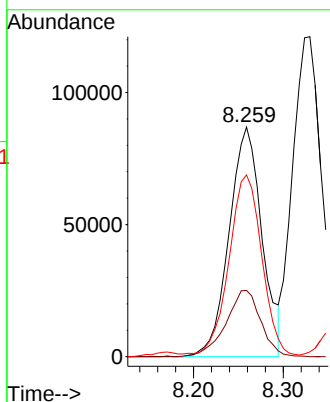
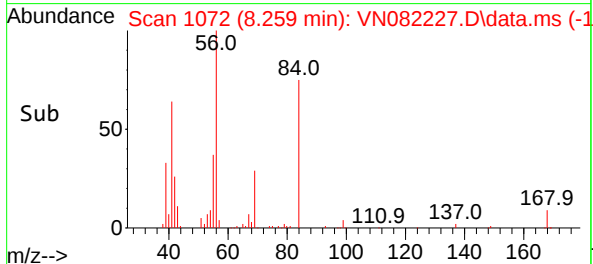
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



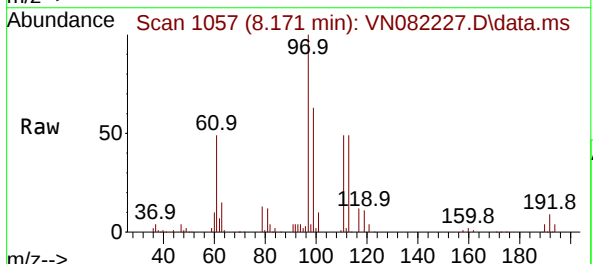
Tgt Ion: 56 Resp: 221072
Ion Ratio Lower Upper
56 100
69 28.9 24.4 36.6
84 78.0 77.0 115.4

Manual Integrations
APPROVED

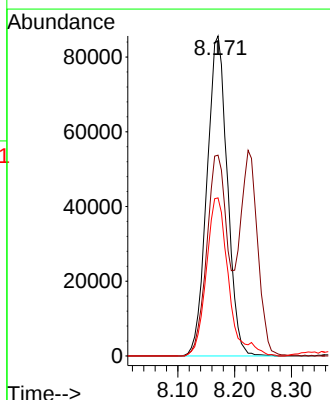
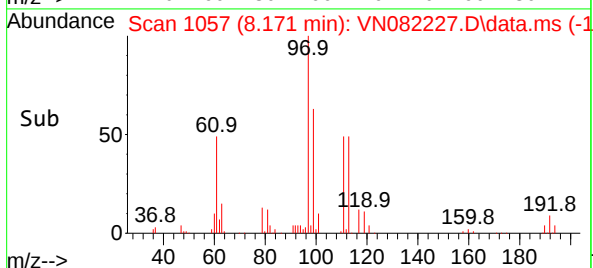
Reviewed By :John Carlone 05/21/2024
Supervised By :Mahesh Dadoda 05/21/2024



#32
1,1,1-Trichloroethane
Concen: 53.284 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN082227.D
Acq: 20 May 2024 22:12



Tgt Ion: 97 Resp: 213682
Ion Ratio Lower Upper
97 100
99 61.6 50.3 75.5
61 53.6 36.6 55.0





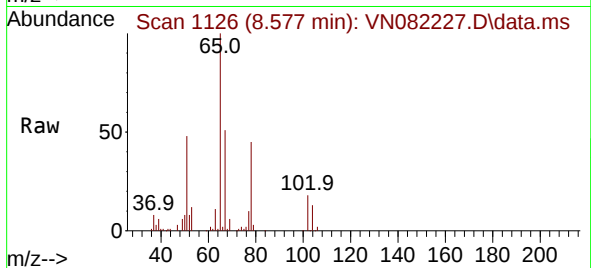
#33
1,2-Dichloroethane-d4
Concen: 48.266 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN082227.D
Acq: 20 May 2024 22:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



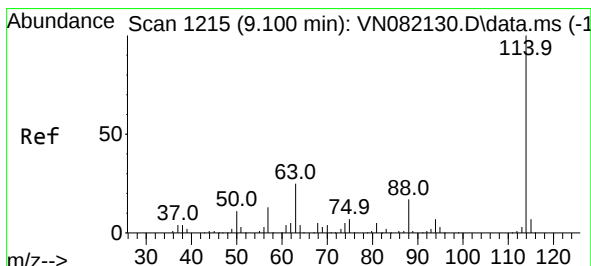
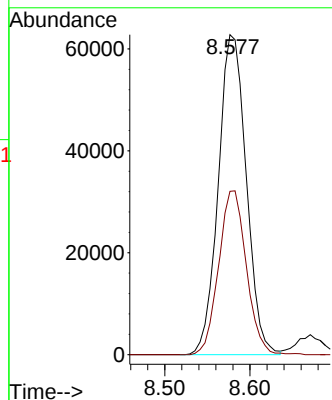
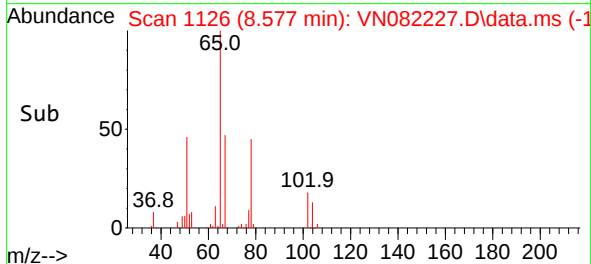
Tgt Ion: 65 Resp: 14335
Ion Ratio Lower Upper
65 100
67 50.8 0.0 103.0

Manual Integrations

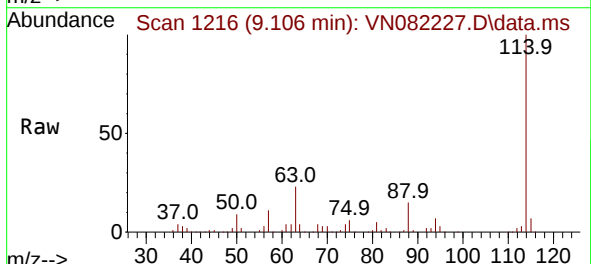
APPROVED

Reviewed By :John Carlone 05/21/2024

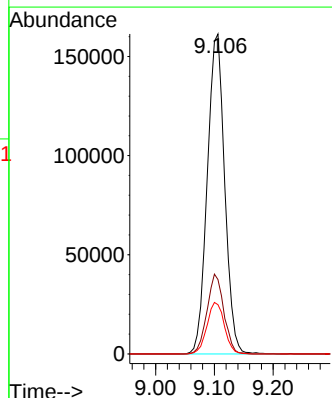
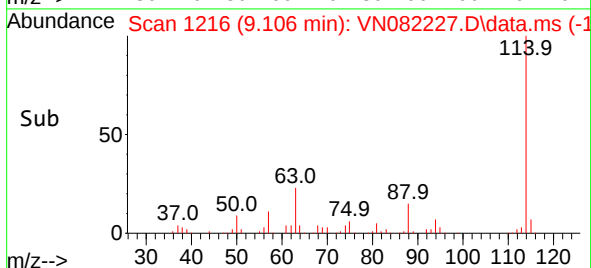
Supervised By :Mahesh Dadoda 05/21/2024

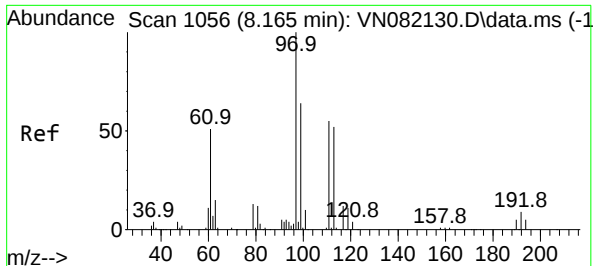


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.006 min
Lab File: VN082227.D
Acq: 20 May 2024 22:12



Tgt Ion:114 Resp: 330860
Ion Ratio Lower Upper
114 100
63 23.3 0.0 41.0
88 15.4 0.0 31.4





#35

Dibromofluoromethane

Concen: 49.572 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN082227.D

Acq: 20 May 2024 22:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

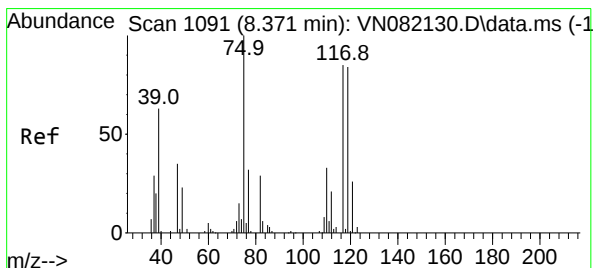
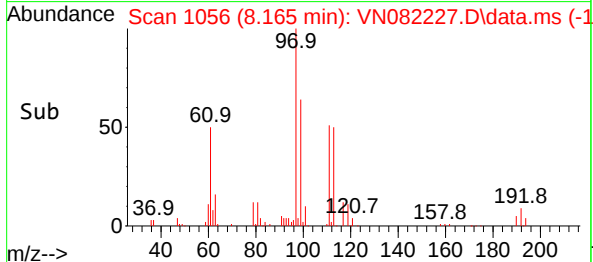
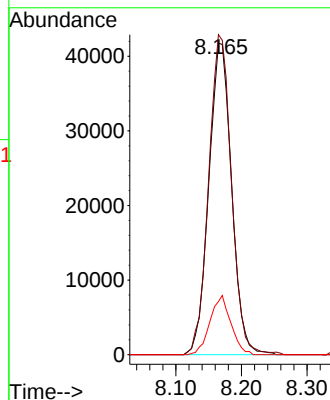
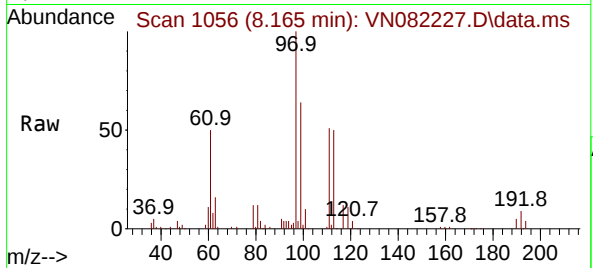
Tgt Ion:	113	Resp:	100894
Ion Ratio	Lower	Upper	
113	100		
111	102.5	83.4	125.2
192	17.4	14.0	21.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/21/2024

Supervised By :Mahesh Dadoda 05/21/2024



#36

1,1-Dichloropropene

Concen: 49.846 ug/l

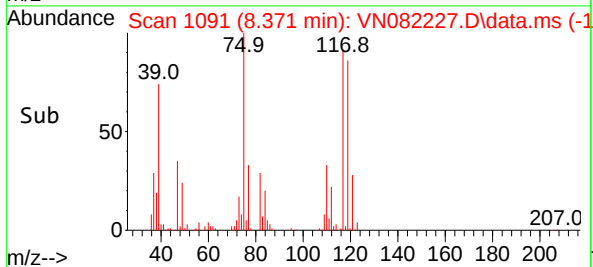
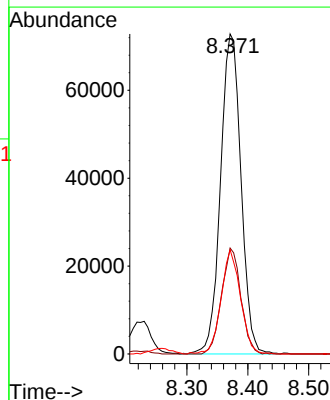
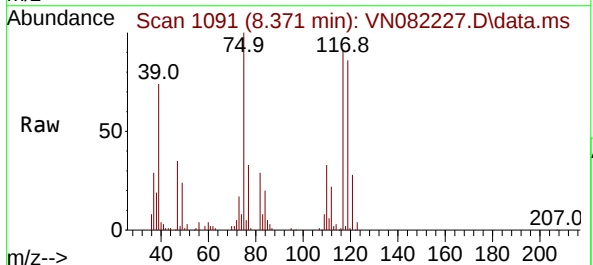
RT: 8.371 min Scan# 1091

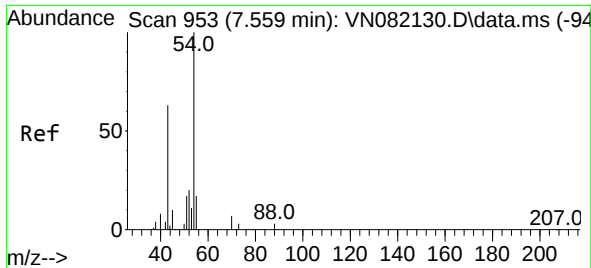
Delta R.T. -0.000 min

Lab File: VN082227.D

Acq: 20 May 2024 22:12

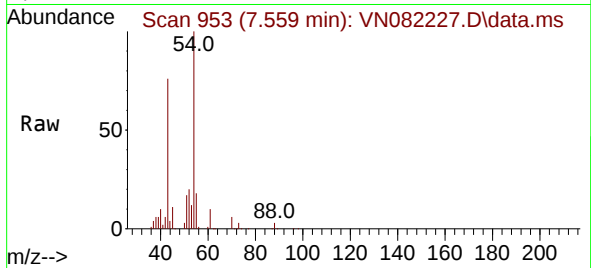
Tgt Ion:	75	Resp:	170152
Ion Ratio	Lower	Upper	
75	100		
110	31.3	17.8	53.5
77	30.8	25.0	37.4





#37
Ethyl Acetate
Concen: 51.919 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN082227.D
Acq: 20 May 2024 22:12

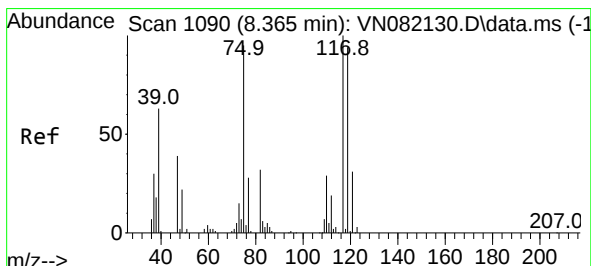
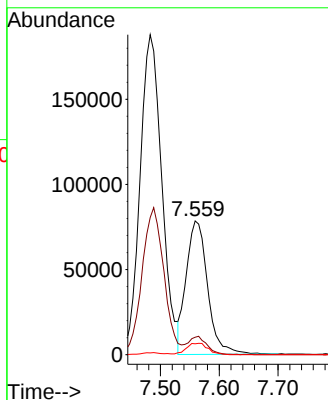
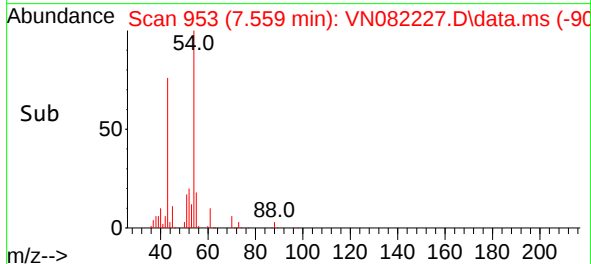
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 198338
Ion Ratio Lower Upper
43 100
61 12.4 11.3 16.9
70 8.7 8.7 13.1

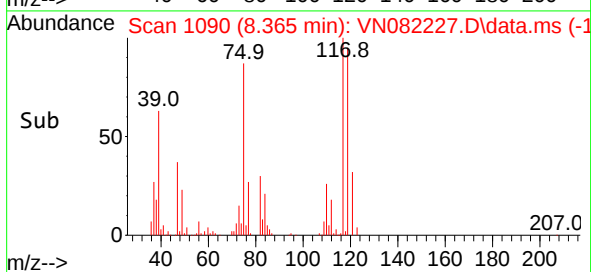
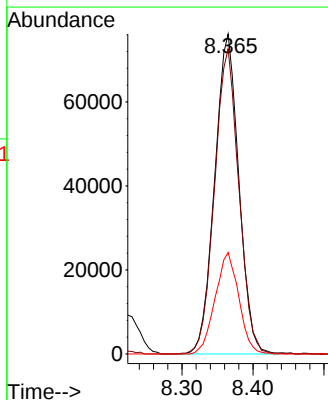
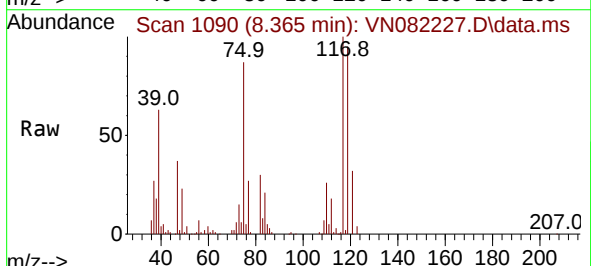
Manual Integrations
APPROVED

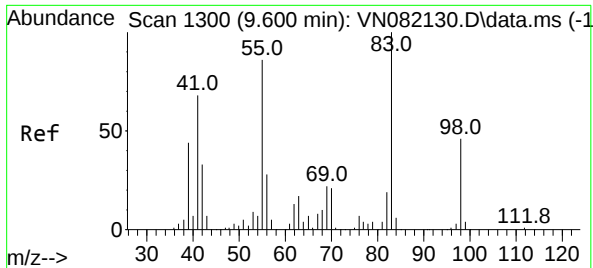
Reviewed By :John Carlone 05/21/2024
Supervised By :Mahesh Dadoda 05/21/2024



#38
Carbon Tetrachloride
Concen: 51.934 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VN082227.D
Acq: 20 May 2024 22:12

Tgt Ion:117 Resp: 179707
Ion Ratio Lower Upper
117 100
119 95.4 76.5 114.7
121 31.7 23.9 35.9





#39

Methylcyclohexane

Concen: 49.848 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN082227.D

Acq: 20 May 2024 22:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 18651

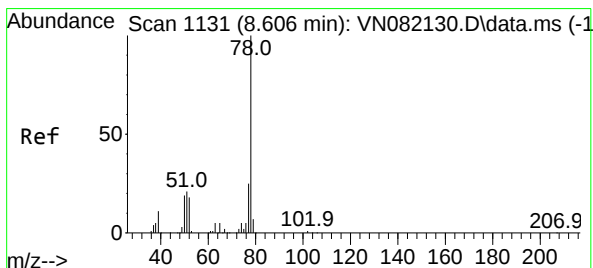
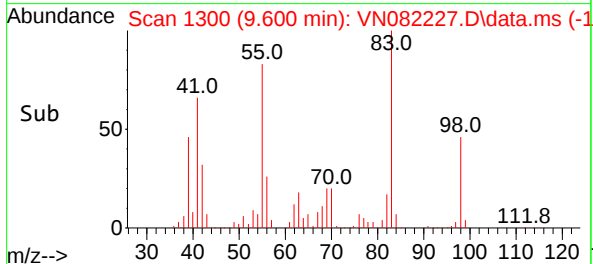
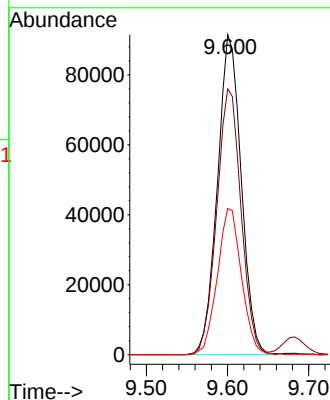
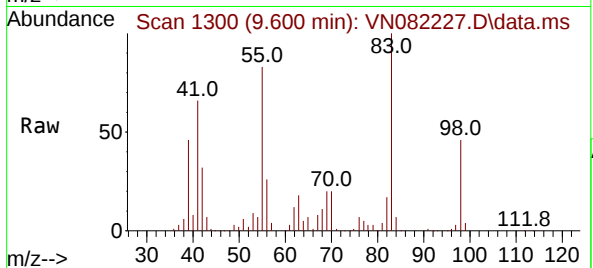
Ion	Ratio	Lower	Upper
83	100		
55	83.1	53.0	79.6
98	45.7	37.1	55.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/21/2024

Supervised By :Mahesh Dadoda 05/21/2024



#40

Benzene

Concen: 51.026 ug/l

RT: 8.606 min Scan# 1131

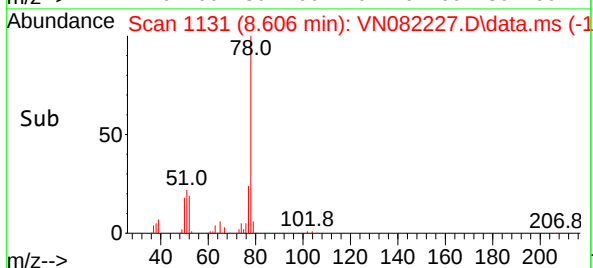
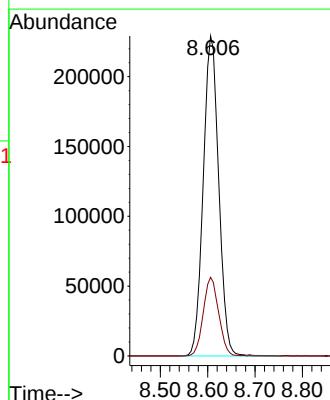
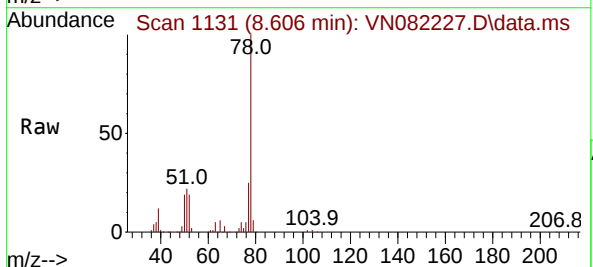
Delta R.T. -0.000 min

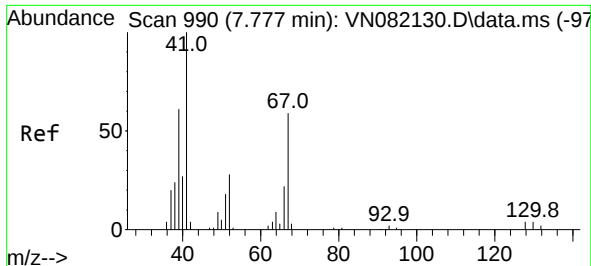
Lab File: VN082227.D

Acq: 20 May 2024 22:12

Tgt Ion: 78 Resp: 519398

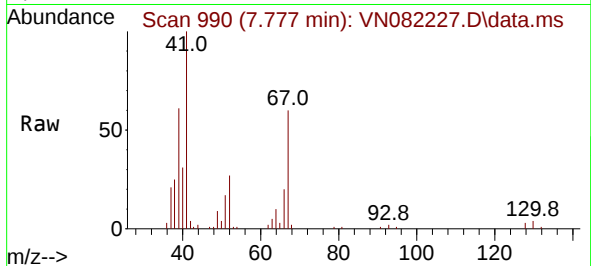
Ion	Ratio	Lower	Upper
78	100		
77	24.6	20.0	30.0





#41
Methacrylonitrile
Concen: 51.069 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN082227.D
Acq: 20 May 2024 22:12

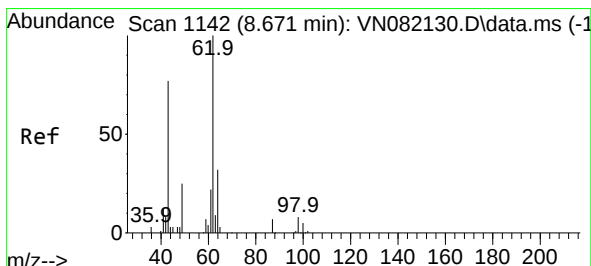
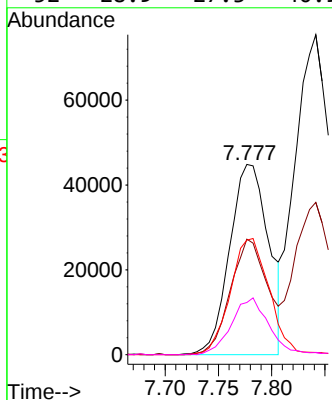
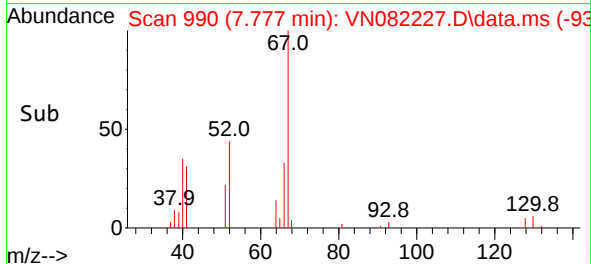
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



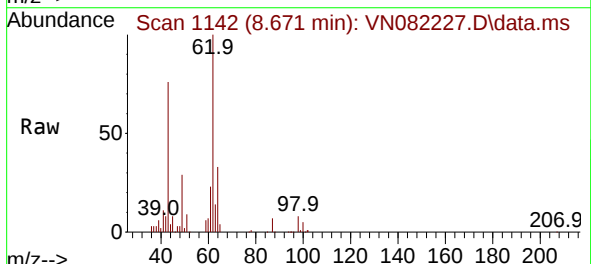
Tgt Ion: 41 Resp: 114730
Ion Ratio Lower Upper
41 100
39 57.8 46.6 69.8
67 60.9 67.3 100.9
52 28.9 27.3 40.9

Manual Integrations
APPROVED

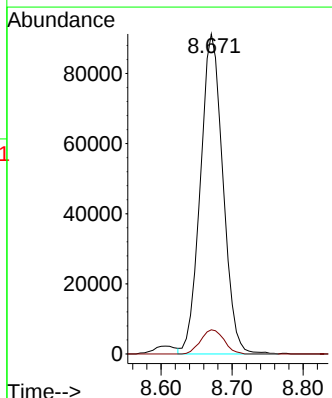
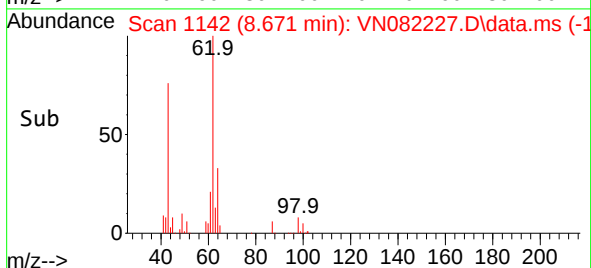
Reviewed By :John Carlone 05/21/2024
Supervised By :Mahesh Dadoda 05/21/2024

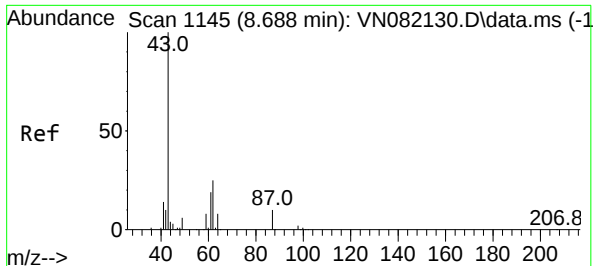


#42
1,2-Dichloroethane
Concen: 51.515 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN082227.D
Acq: 20 May 2024 22:12



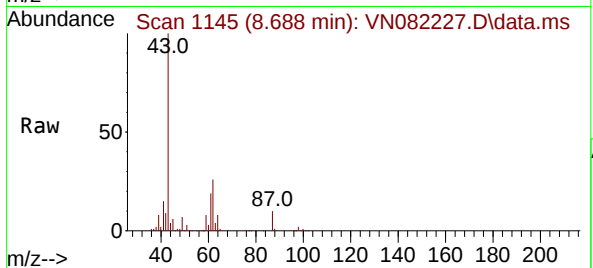
Tgt Ion: 62 Resp: 201678
Ion Ratio Lower Upper
62 100
98 7.8 0.0 19.6





#43
Isopropyl Acetate
Concen: 59.272 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN082227.D
Acq: 20 May 2024 22:12

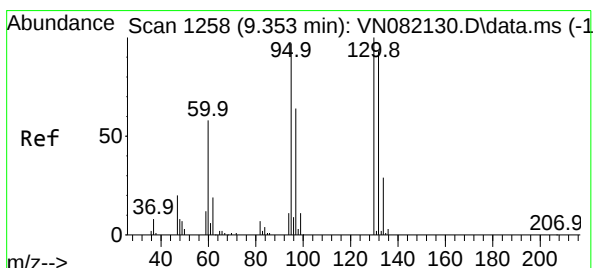
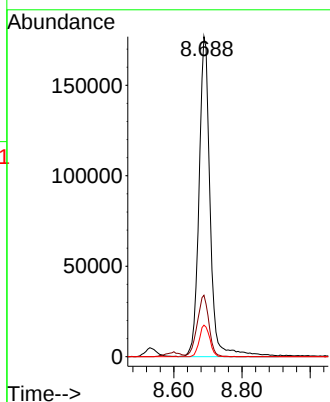
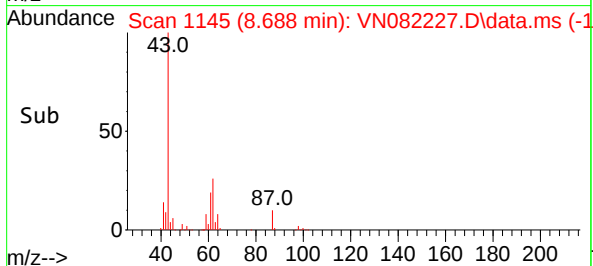
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 40121
Ion Ratio Lower Upper
43 100
61 20.2 22.8 34.2
87 9.2 12.0 18.0

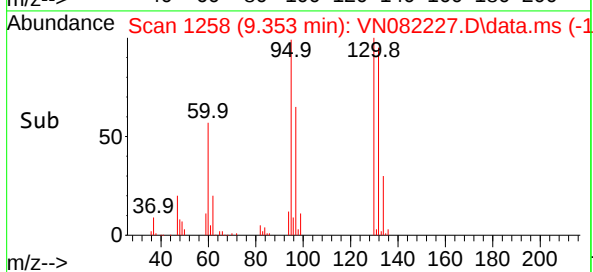
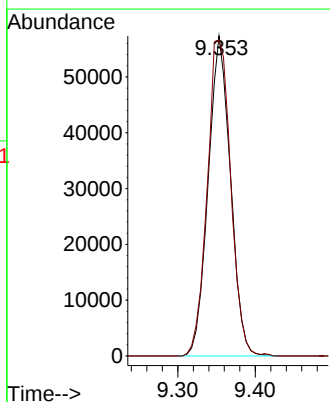
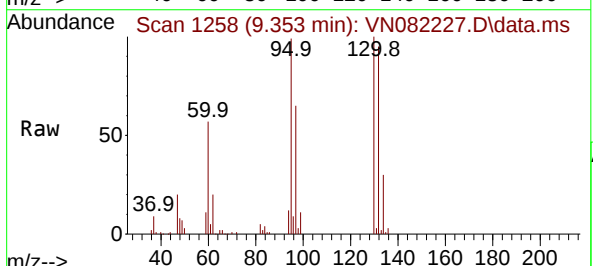
Manual Integrations
APPROVED

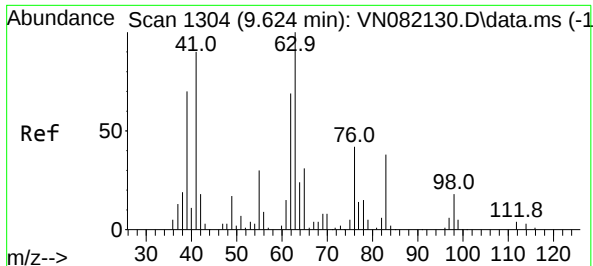
Reviewed By :John Carlone 05/21/2024
Supervised By :Mahesh Dadoda 05/21/2024



#44
Trichloroethene
Concen: 49.506 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN082227.D
Acq: 20 May 2024 22:12

Tgt Ion:130 Resp: 114469
Ion Ratio Lower Upper
130 100
95 98.8 0.0 195.4





#45

1,2-Dichloropropane

Concen: 51.288 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN082227.D

Acq: 20 May 2024 22:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 13470

Ion Ratio Lower Upper

63 100

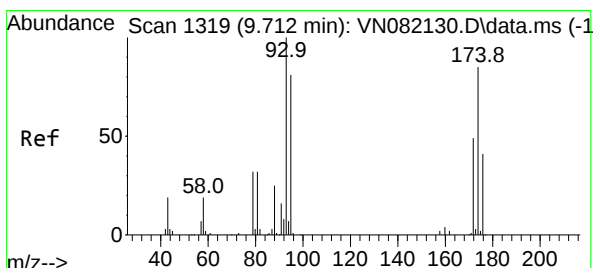
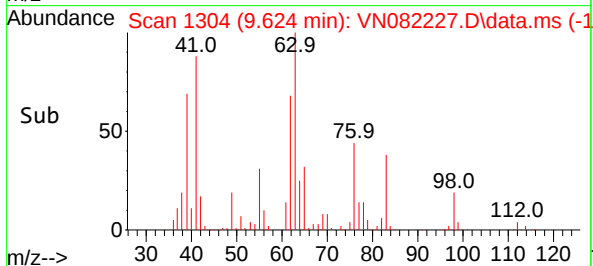
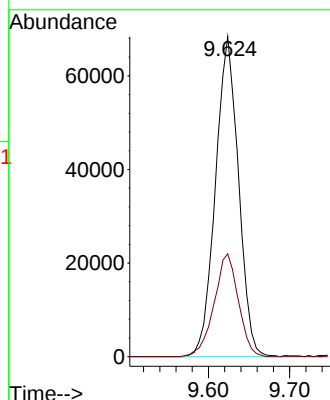
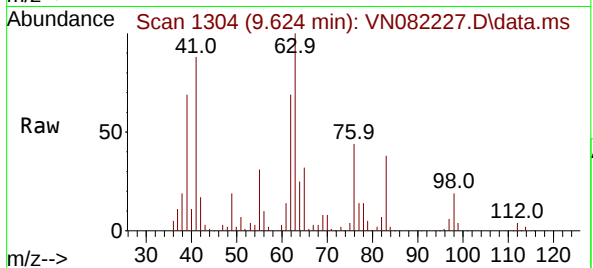
65 32.1 24.1 36.1

Manual Integrations

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Reviewed By :John Carlone 05/21/2024

Supervised By :Mahesh Dadoda 05/21/2024



#46

Dibromomethane

Concen: 51.794 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN082227.D

Acq: 20 May 2024 22:12

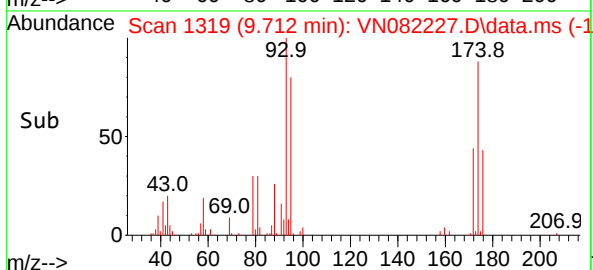
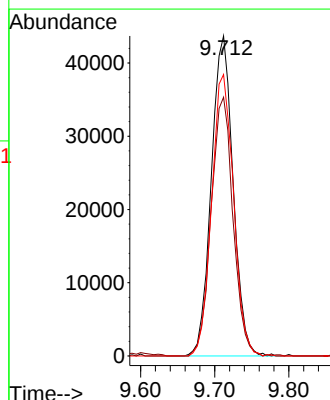
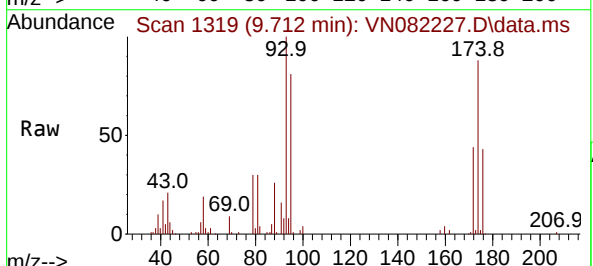
Tgt Ion: 93 Resp: 89306

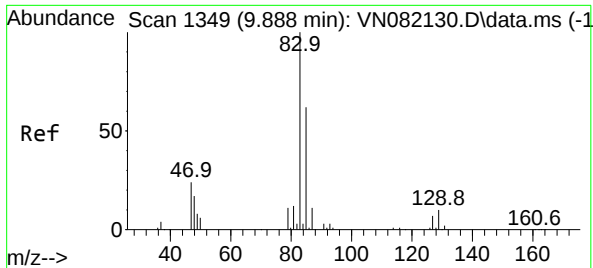
Ion Ratio Lower Upper

93 100

95 81.1 64.8 97.2

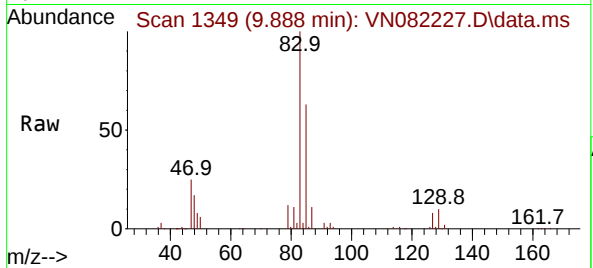
174 88.5 73.4 110.0





#47
Bromodichloromethane
Concen: 52.718 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN082227.D
Acq: 20 May 2024 22:12

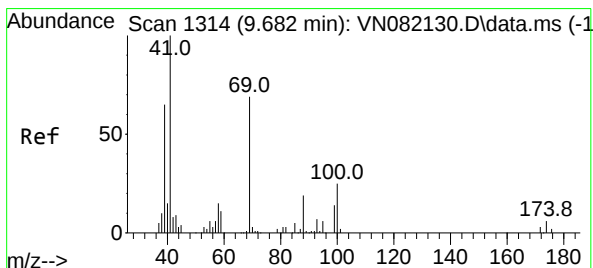
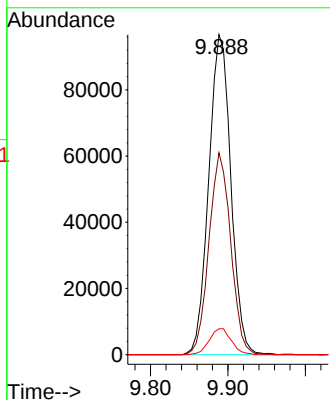
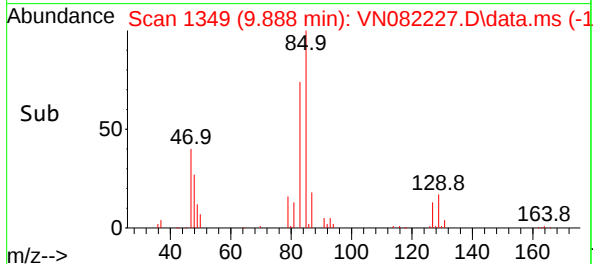
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



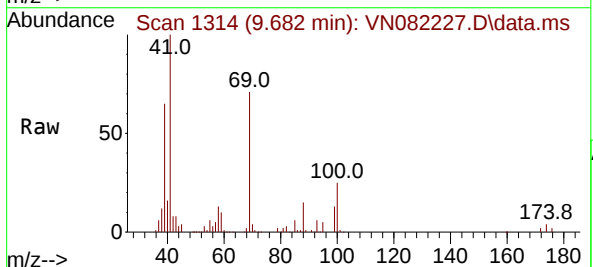
Tgt Ion: 83 Resp: 191900
Ion Ratio Lower Upper
83 100
85 63.1 51.9 77.9
127 8.1 7.5 11.3

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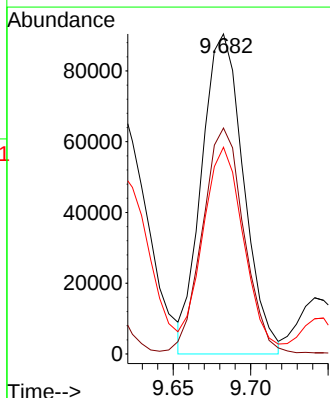
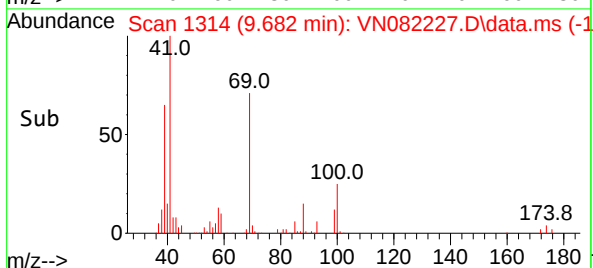
Reviewed By :John Carlone 05/21/2024
Supervised By :Mahesh Dadoda 05/21/2024

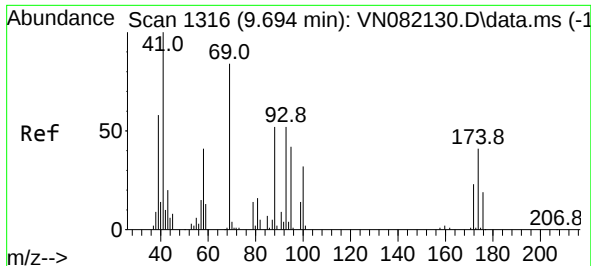


#48
Methyl methacrylate
Concen: 52.780 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN082227.D
Acq: 20 May 2024 22:12



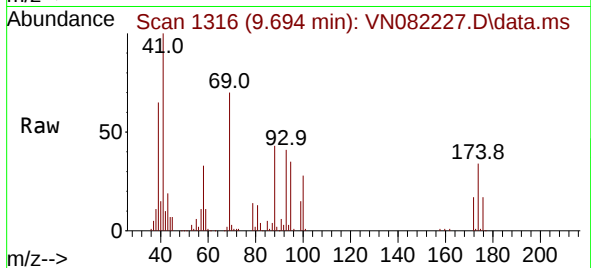
Tgt Ion: 41 Resp: 170238
Ion Ratio Lower Upper
41 100
69 70.5 77.9 116.9#
39 63.5 50.9 76.3





#49
1,4-Dioxane
Concen: 1060.018 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VN082227.D
Acq: 20 May 2024 22:12

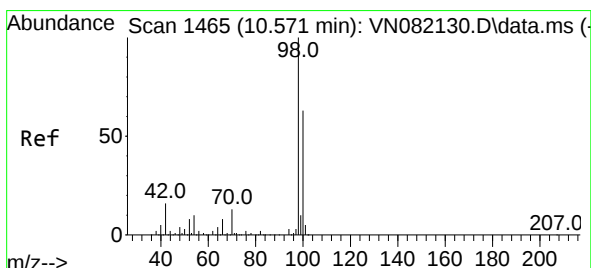
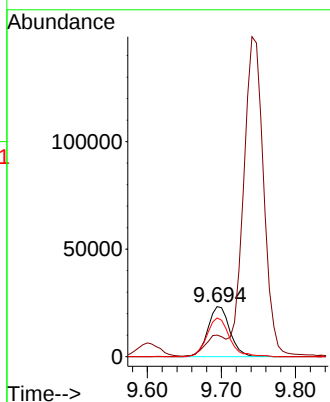
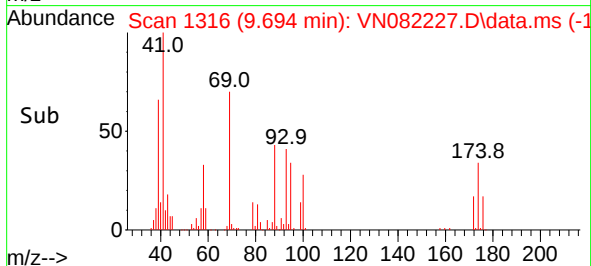
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



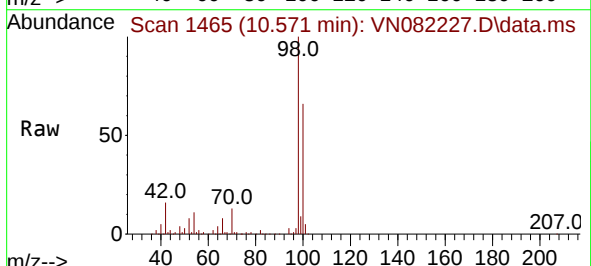
Tgt Ion: 88 Resp: 47910
Ion Ratio Lower Upper
88 100
43 38.5 19.0 28.6
58 79.9 50.6 76.0

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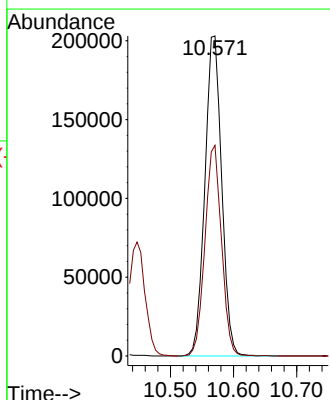
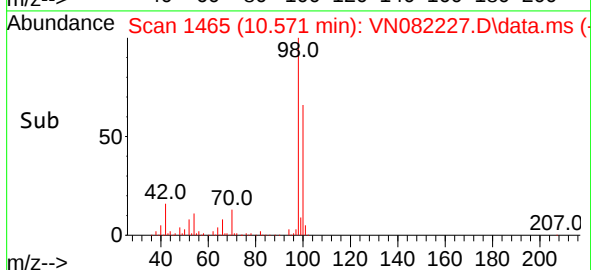
Reviewed By :John Carlone 05/21/2024
Supervised By :Mahesh Dadoda 05/21/2024

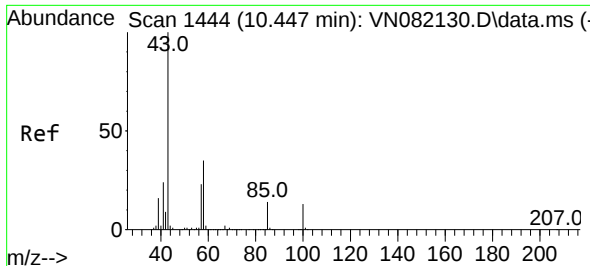


#50
Toluene-d8
Concen: 48.051 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN082227.D
Acq: 20 May 2024 22:12



Tgt Ion: 98 Resp: 374949
Ion Ratio Lower Upper
98 100
100 64.7 51.8 77.6





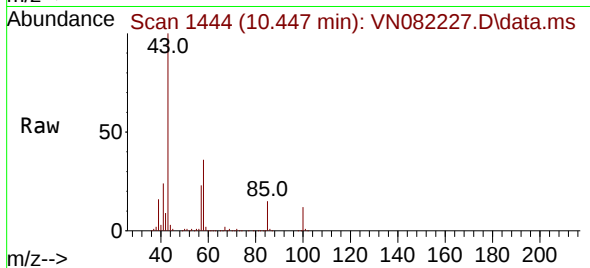
#51
4-Methyl-2-Pentanone
Concen: 272.324 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN082227.D
Acq: 20 May 2024 22:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



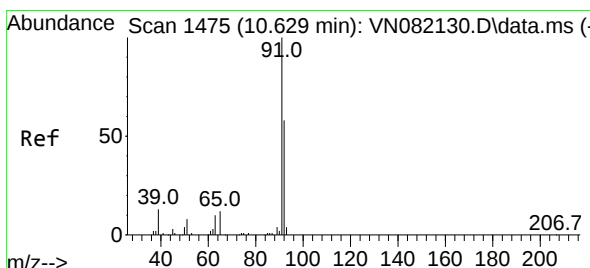
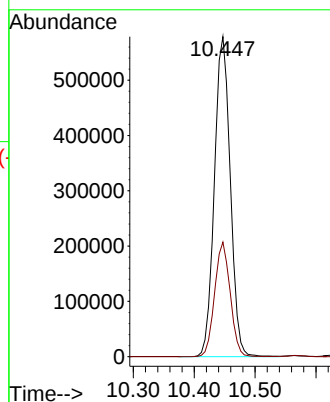
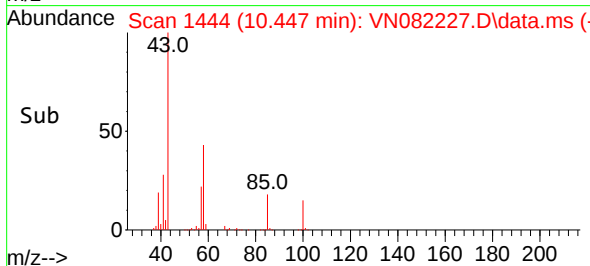
Tgt Ion: 43 Resp: 104734
Ion Ratio Lower Upper
43 100
58 35.1 33.2 49.8

Manual Integrations

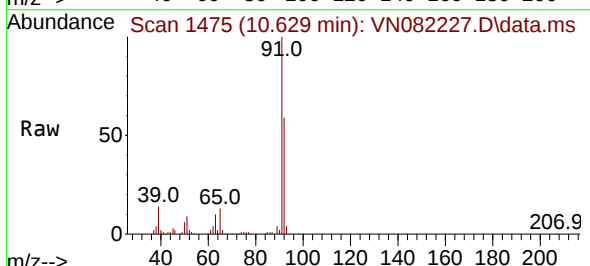
APPROVED

Reviewed By :John Carlone 05/21/2024

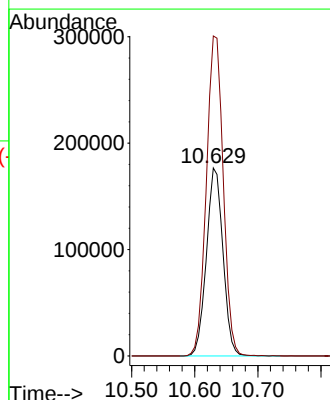
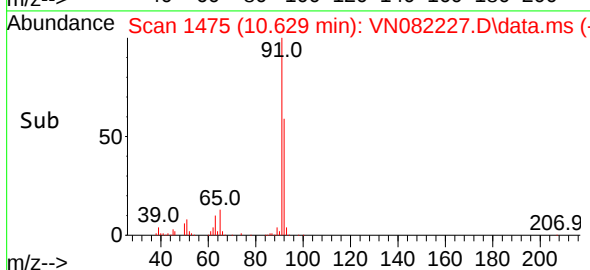
Supervised By :Mahesh Dadoda 05/21/2024

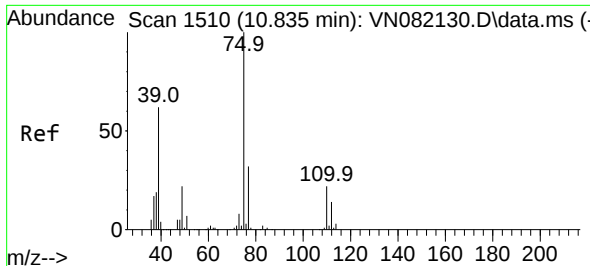


#52
Toluene
Concen: 52.639 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN082227.D
Acq: 20 May 2024 22:12



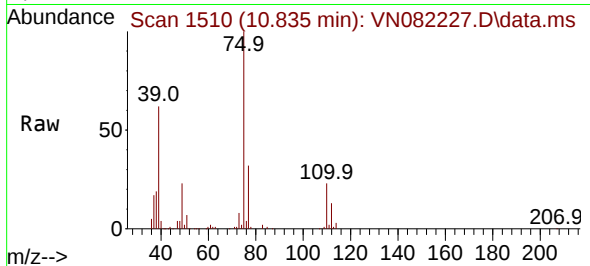
Tgt Ion: 92 Resp: 321547
Ion Ratio Lower Upper
92 100
91 173.4 136.7 205.1





#53
 t-1,3-Dichloropropene
 Concen: 51.686 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. -0.000 min
 Lab File: VN082227.D
 Acq: 20 May 2024 22:12

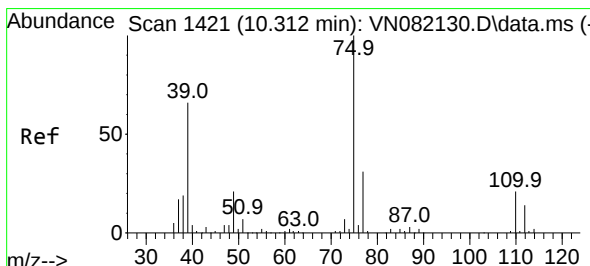
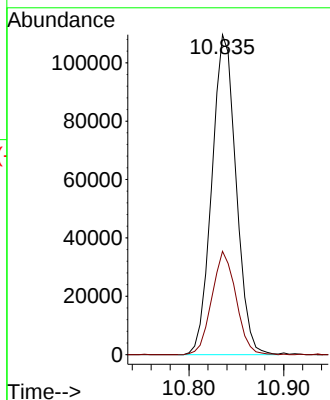
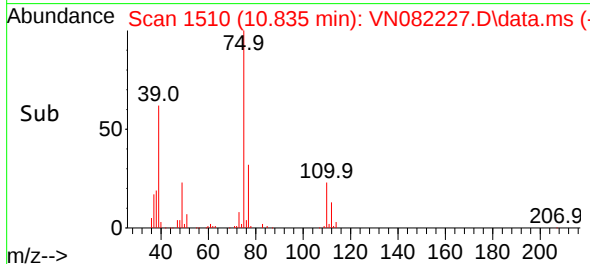
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 75 Resp: 194584
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.4 38.0

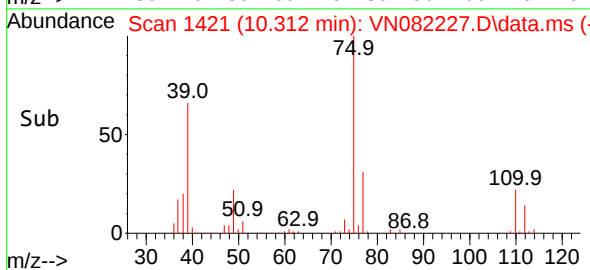
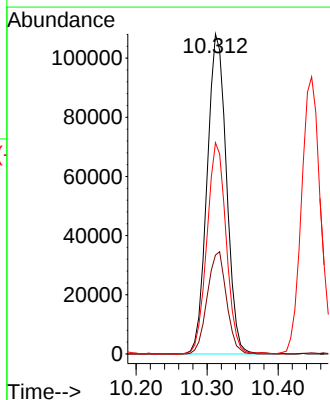
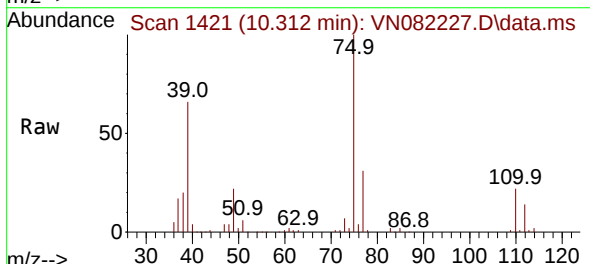
Manual Integrations
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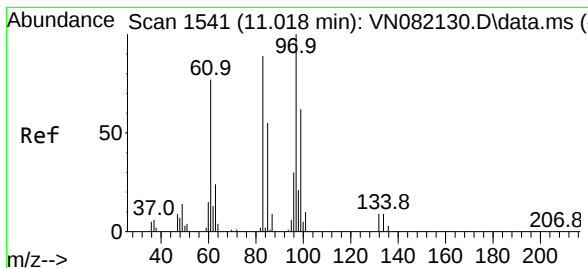
Reviewed By :John Carlone 05/21/2024
 Supervised By :Mahesh Dadoda 05/21/2024



#54
 cis-1,3-Dichloropropene
 Concen: 51.389 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.000 min
 Lab File: VN082227.D
 Acq: 20 May 2024 22:12

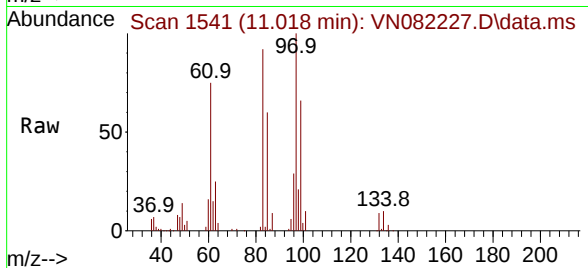
Tgt Ion: 75 Resp: 204783
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.0 37.4
 39 66.0 34.8 52.2#





#55
1,1,2-Trichloroethane
Concen: 52.527 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN082227.D
Acq: 20 May 2024 22:12

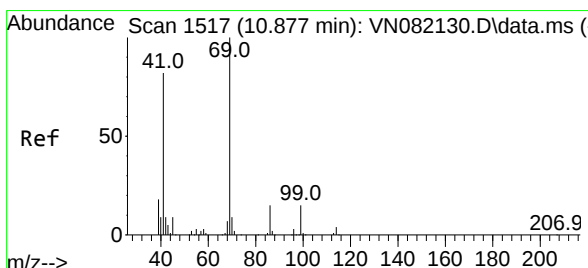
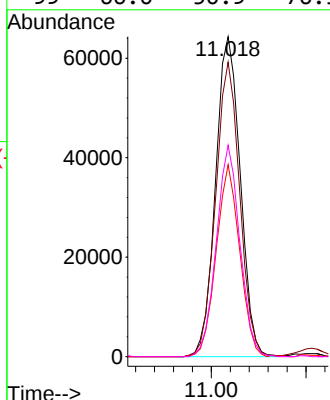
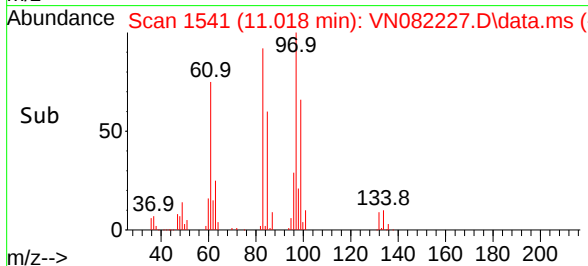
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



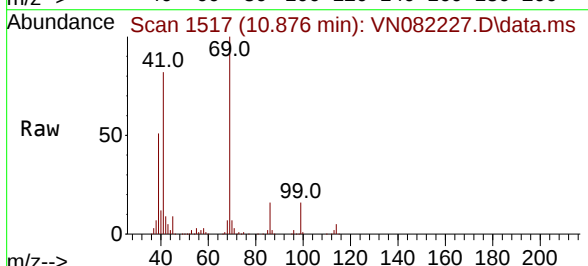
Tgt Ion:	97	Resp:	11660
Ion	Ratio	Lower	Upper
97	100		
83	92.0	70.4	105.6
85	60.0	45.6	68.4
99	66.0	50.9	76.3

Manual Integrations
APPROVED

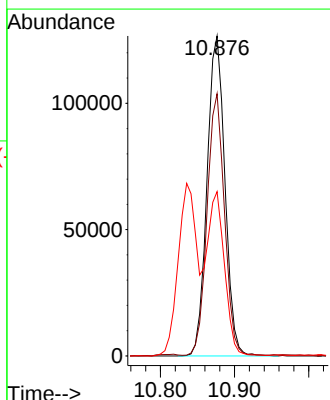
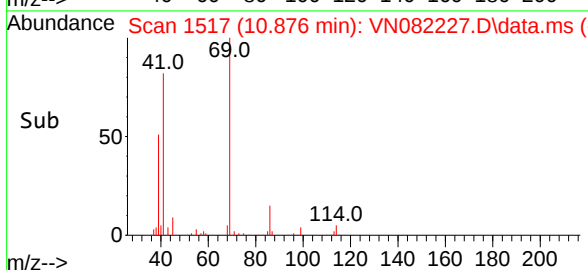
Reviewed By :John Carlone 05/21/2024
Supervised By :Mahesh Dadoda 05/21/2024

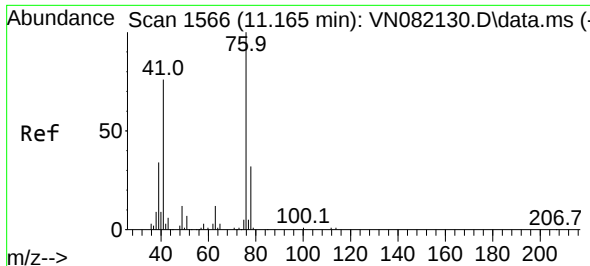


#56
Ethyl methacrylate
Concen: 56.217 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN082227.D
Acq: 20 May 2024 22:12



Tgt Ion:	69	Resp:	211877
Ion	Ratio	Lower	Upper
69	100		
41	79.5	46.6	70.0#
39	51.3	26.5	39.7#





#57

1,3-Dichloropropane

Concen: 51.852 ug/l

RT: 11.165 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN082227.D

Acq: 20 May 2024 22:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 21521

Ion Ratio Lower Upper

76 100

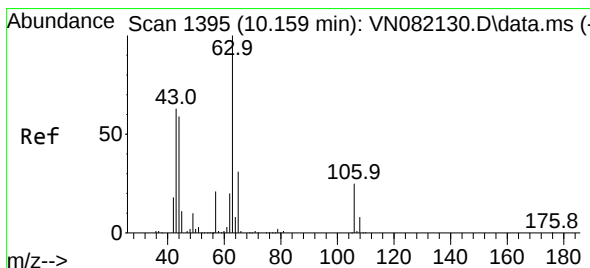
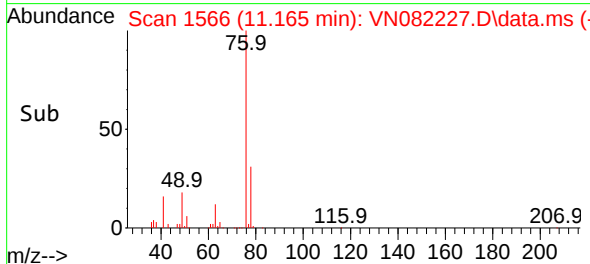
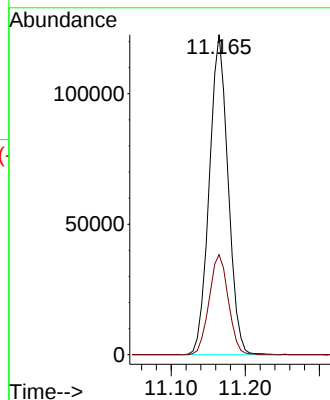
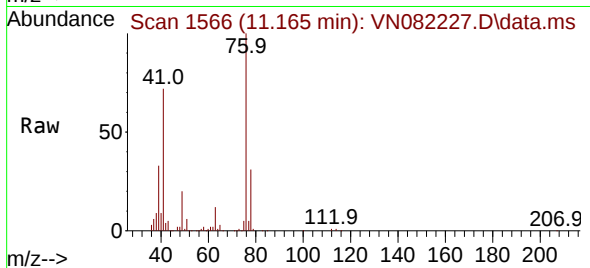
78 31.9 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/21/2024

Supervised By :Mahesh Dadoda 05/21/2024



#58

2-Chloroethyl Vinyl ether

Concen: 270.815 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN082227.D

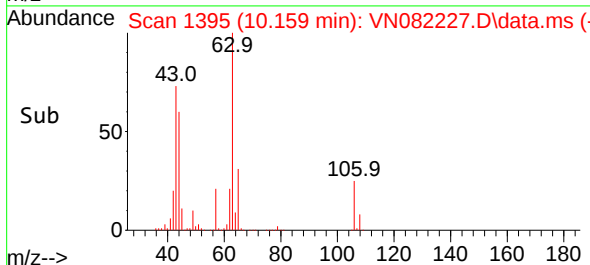
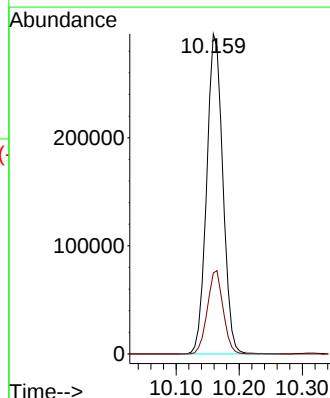
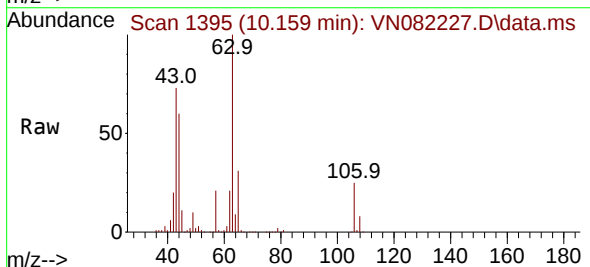
Acq: 20 May 2024 22:12

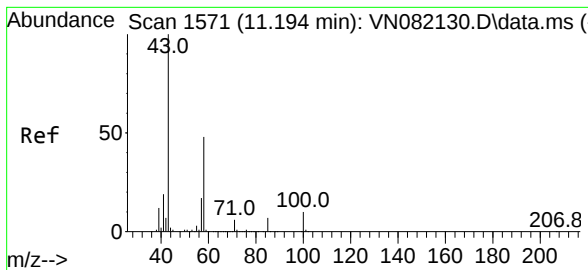
Tgt Ion: 63 Resp: 526468

Ion Ratio Lower Upper

63 100

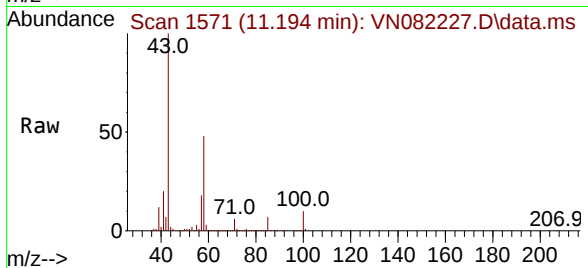
106 25.5 24.6 36.8





#59
2-Hexanone
Concen: 276.865 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN082227.D
Acq: 20 May 2024 22:12

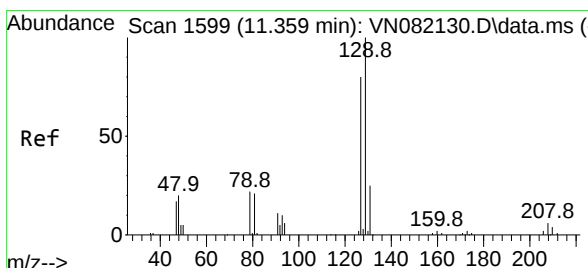
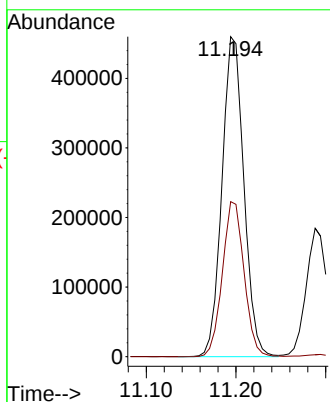
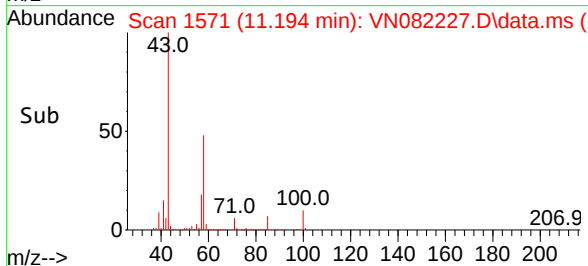
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 779659
Ion Ratio Lower Upper
43 100
58 48.0 28.3 84.9

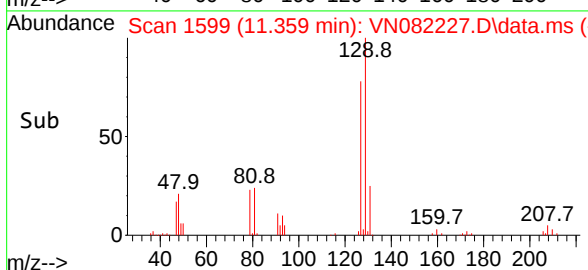
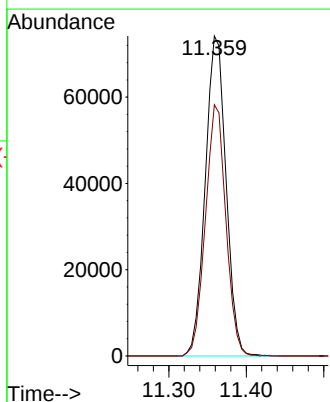
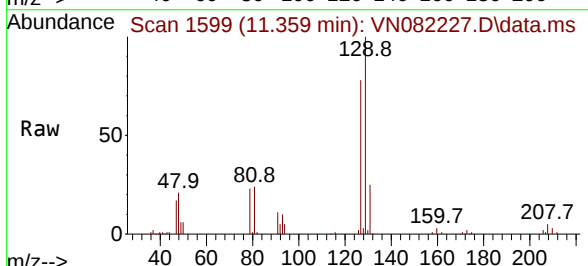
Manual Integrations
APPROVED

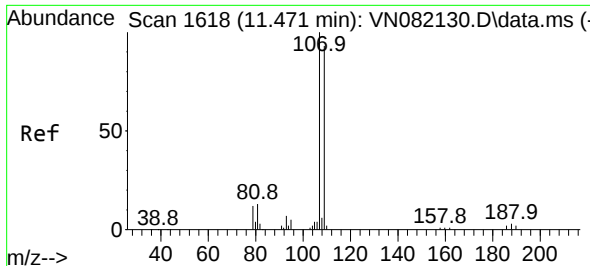
Reviewed By :John Carlone 05/21/2024
Supervised By :Mahesh Dadoda 05/21/2024



#60
Dibromochloromethane
Concen: 56.332 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN082227.D
Acq: 20 May 2024 22:12

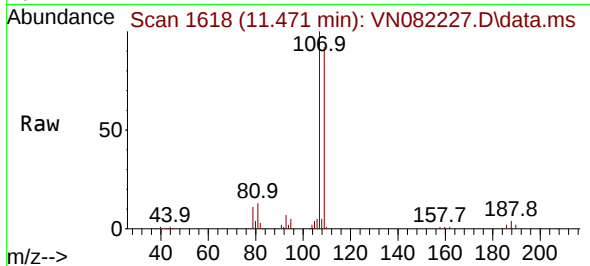
Tgt Ion:129 Resp: 138002
Ion Ratio Lower Upper
129 100
127 77.4 38.3 114.8





#61
1,2-Dibromoethane
Concen: 52.736 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN082227.D
Acq: 20 May 2024 22:12

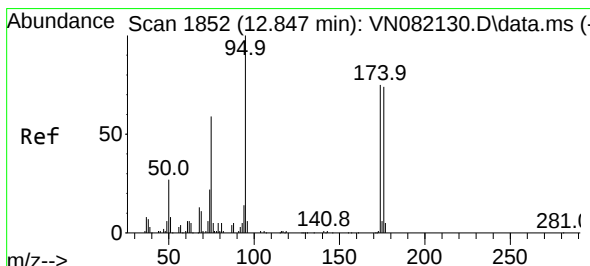
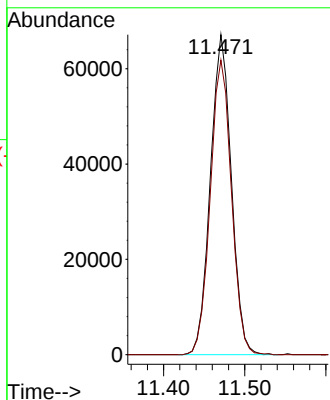
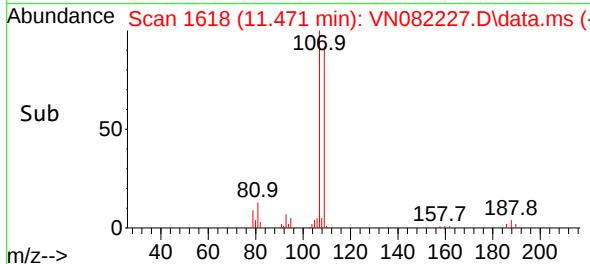
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



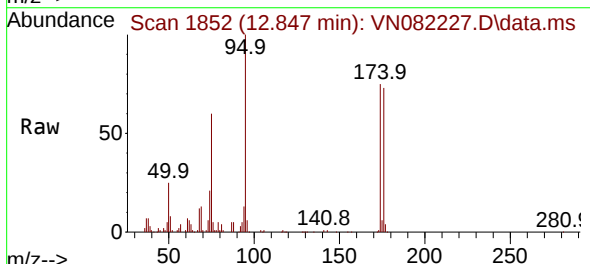
Tgt Ion:107 Resp: 120245
Ion Ratio Lower Upper
107 100
109 93.1 75.8 113.6

Manual Integrations
APPROVED

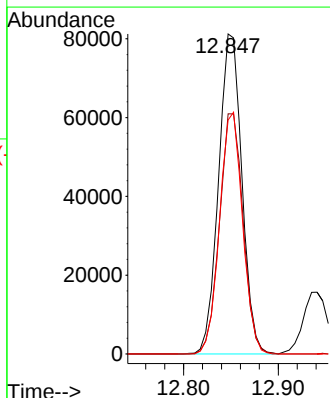
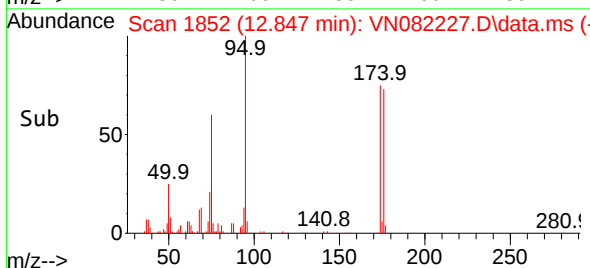
Reviewed By :John Carlone 05/21/2024
Supervised By :Mahesh Dadoda 05/21/2024

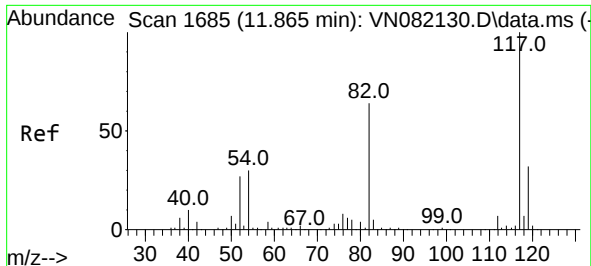


#62
4-Bromofluorobenzene
Concen: 49.926 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN082227.D
Acq: 20 May 2024 22:12



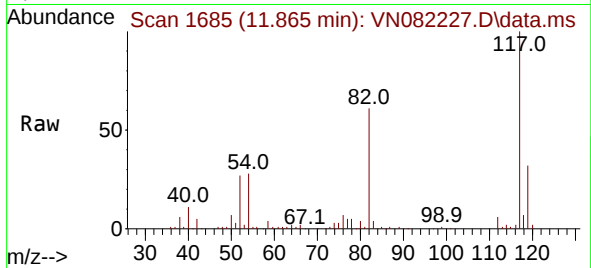
Tgt Ion: 95 Resp: 139052
Ion Ratio Lower Upper
95 100
174 76.0 0.0 160.6
176 74.4 0.0 152.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN082227.D
Acq: 20 May 2024 22:12

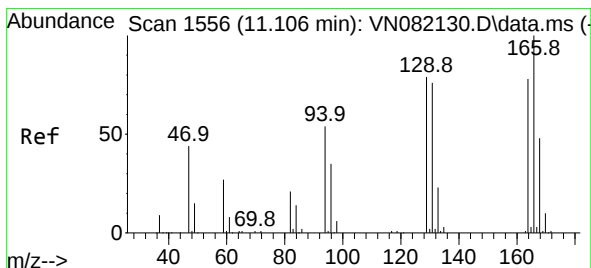
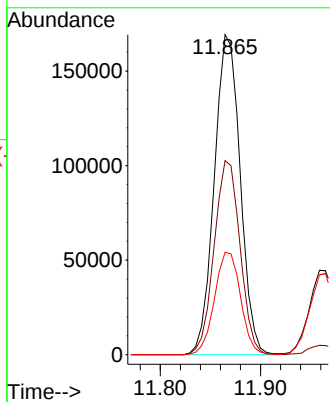
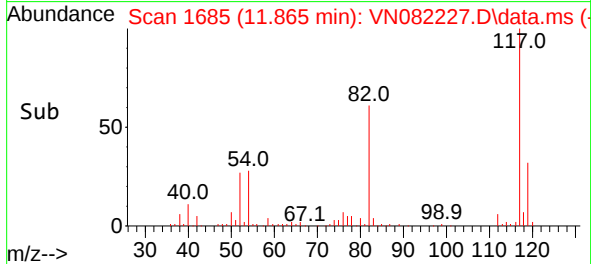
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 304110
Ion Ratio Lower Upper
117 100
82 60.7 44.6 66.8
119 32.0 25.9 38.9

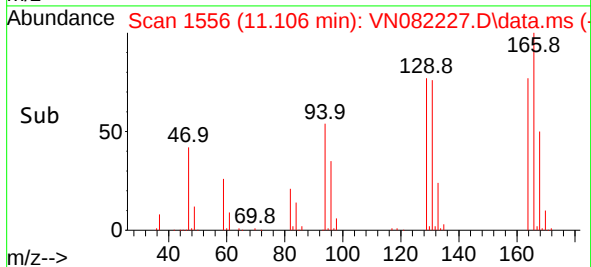
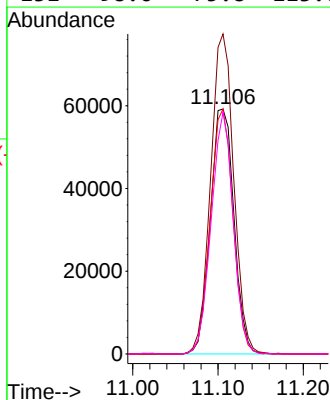
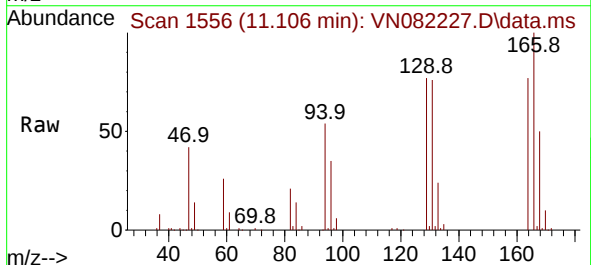
Manual Integrations
APPROVED

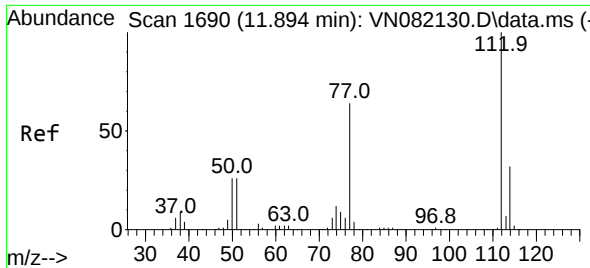
Reviewed By :John Carlone 05/21/2024
Supervised By :Mahesh Dadoda 05/21/2024



#64
Tetrachloroethene
Concen: 50.728 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN082227.D
Acq: 20 May 2024 22:12

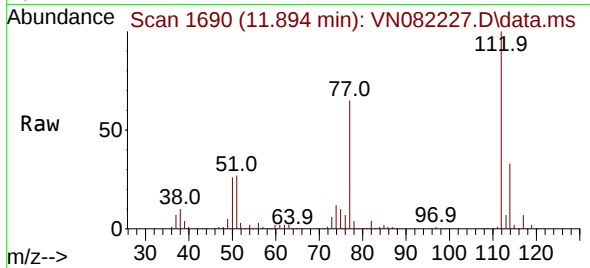
Tgt Ion:164 Resp: 114343
Ion Ratio Lower Upper
164 100
166 130.6 97.6 146.4
129 100.0 73.7 110.5
131 98.6 75.8 113.6





#65
Chlorobenzene
Concen: 50.529 ug/l
RT: 11.894 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN082227.D
Acq: 20 May 2024 22:12

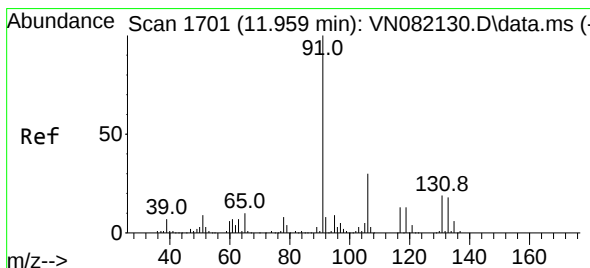
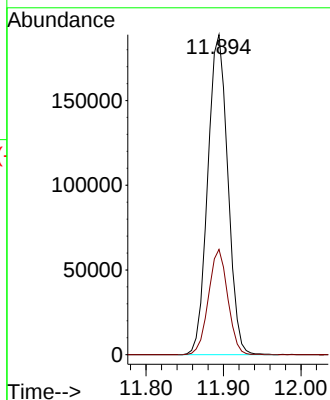
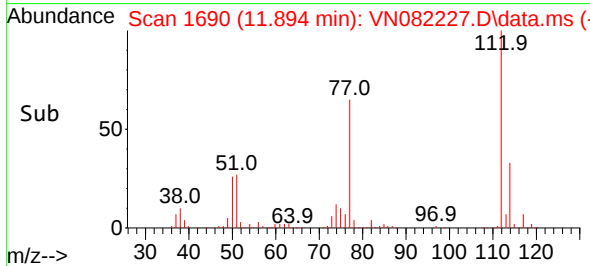
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



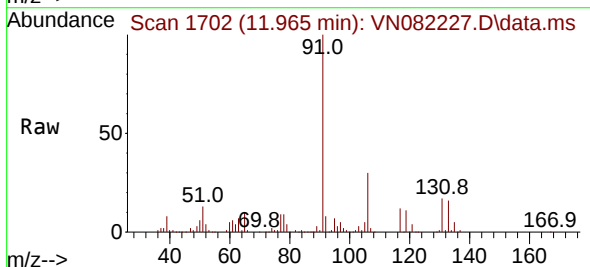
Tgt Ion:112 Resp: 33946
Ion Ratio Lower Upper
112 100
114 32.9 25.7 38.5

Manual Integrations
APPROVED

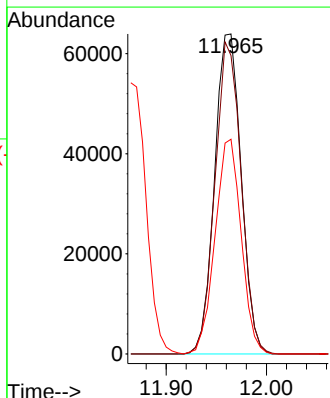
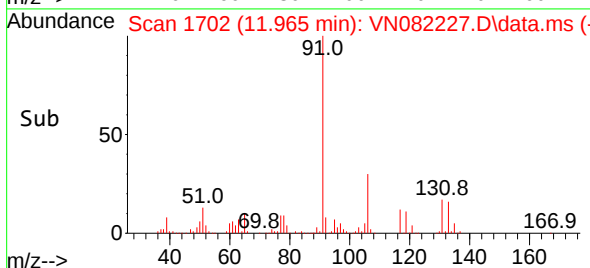
Reviewed By :John Carlone 05/21/2024
Supervised By :Mahesh Dadoda 05/21/2024

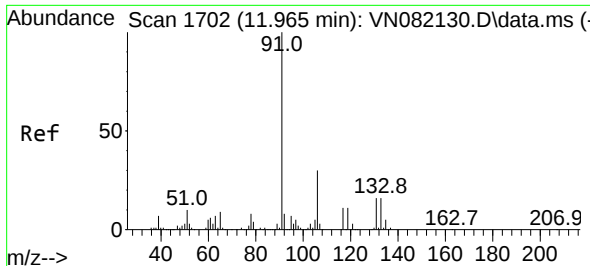


#66
1,1,1,2-Tetrachloroethane
Concen: 53.247 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.006 min
Lab File: VN082227.D
Acq: 20 May 2024 22:12



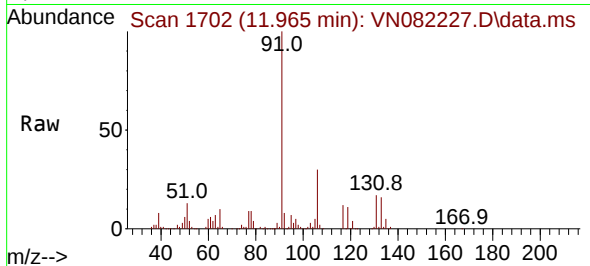
Tgt Ion:131 Resp: 117833
Ion Ratio Lower Upper
131 100
133 95.7 47.5 142.6
119 66.0 32.9 98.7





#67
Ethyl Benzene
Concen: 51.971 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN082227.D
Acq: 20 May 2024 22:12

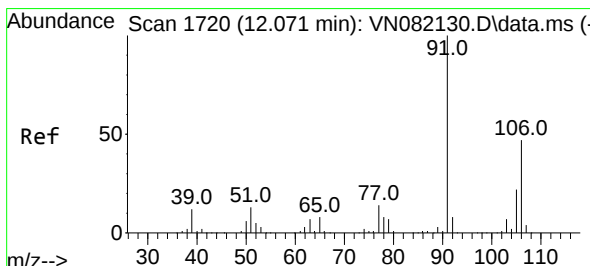
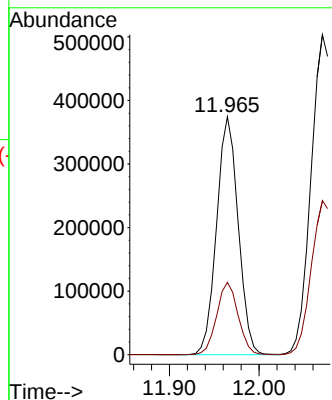
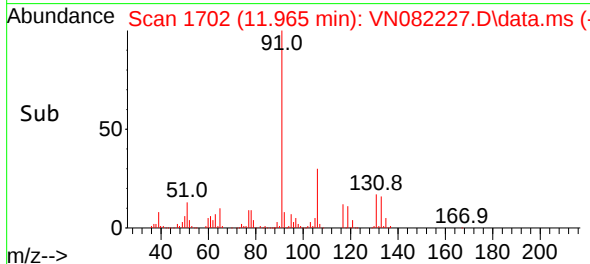
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 62459
Ion Ratio Lower Upper
91 100
106 30.4 25.3 37.9

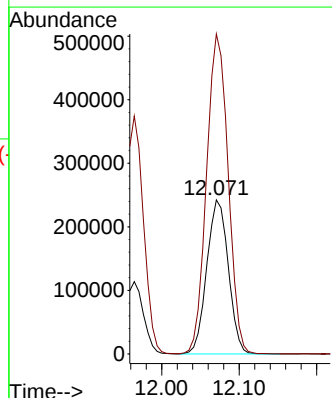
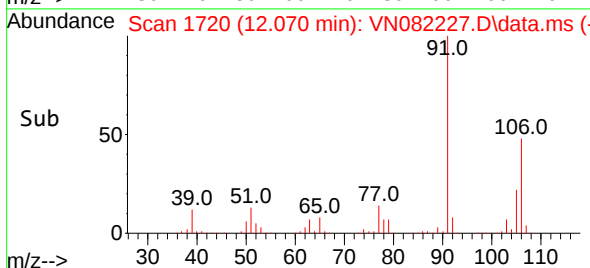
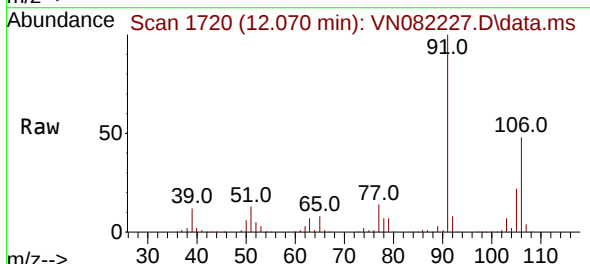
Manual Integrations
APPROVED

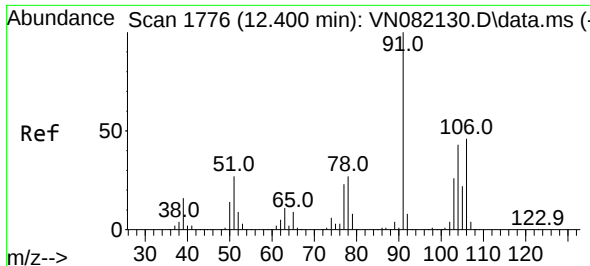
Reviewed By :John Carlone 05/21/2024
Supervised By :Mahesh Dadoda 05/21/2024



#68
m/p-Xylenes
Concen: 106.373 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN082227.D
Acq: 20 May 2024 22:12

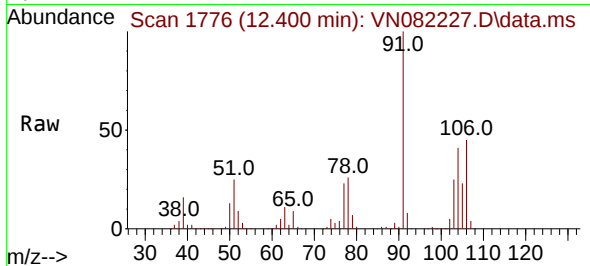
Tgt Ion:106 Resp: 468535
Ion Ratio Lower Upper
106 100
91 207.9 159.4 239.0





#69
o-Xylene
Concen: 52.719 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN082227.D
Acq: 20 May 2024 22:12

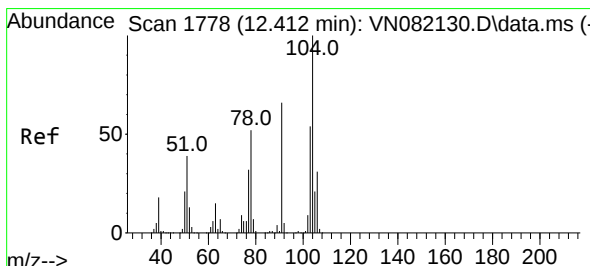
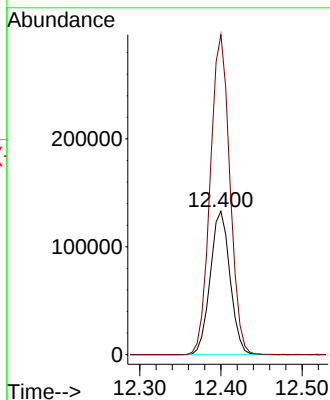
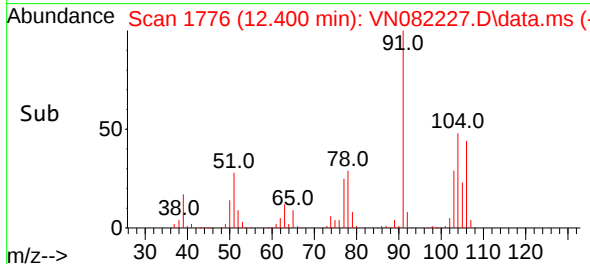
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:106 Resp: 224934
Ion Ratio Lower Upper
106 100
91 221.6 104.7 314.1

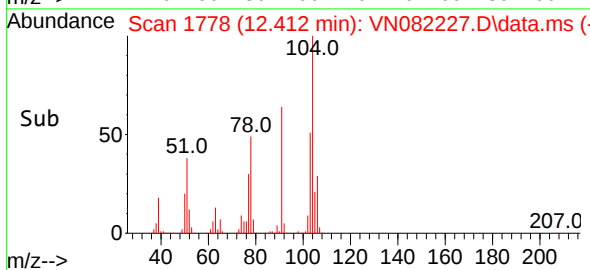
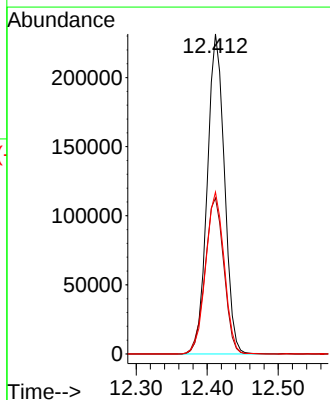
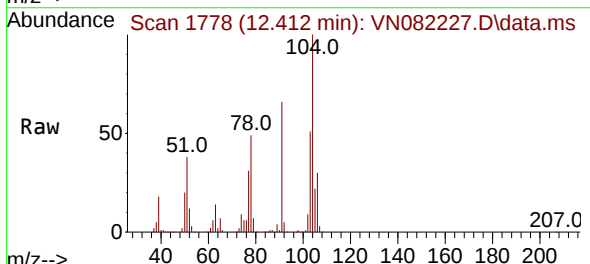
Manual Integrations
APPROVED

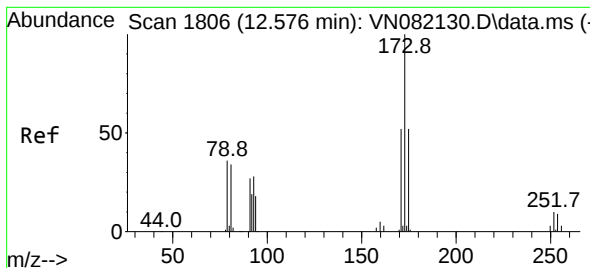
Reviewed By :John Carlone 05/21/2024
Supervised By :Mahesh Dadoda 05/21/2024



#70
Styrene
Concen: 54.945 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN082227.D
Acq: 20 May 2024 22:12

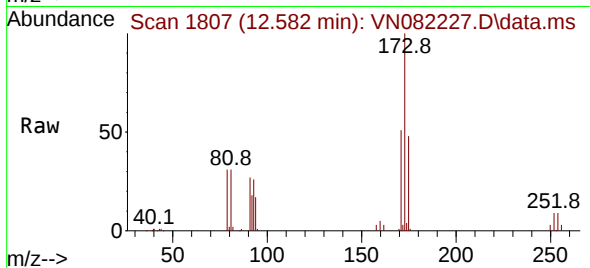
Tgt Ion:104 Resp: 389393
Ion Ratio Lower Upper
104 100
78 53.3 38.6 58.0
103 54.3 43.8 65.6





#71
Bromoform
Concen: 52.653 ug/l
RT: 12.582 min Scan# 1806
Delta R.T. 0.006 min
Lab File: VN082227.D
Acq: 20 May 2024 22:12

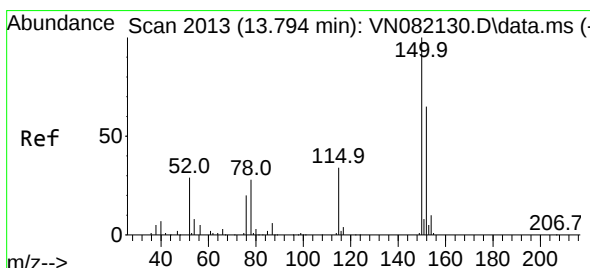
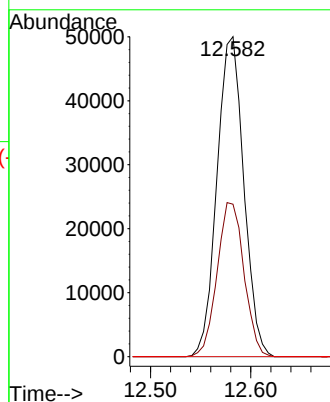
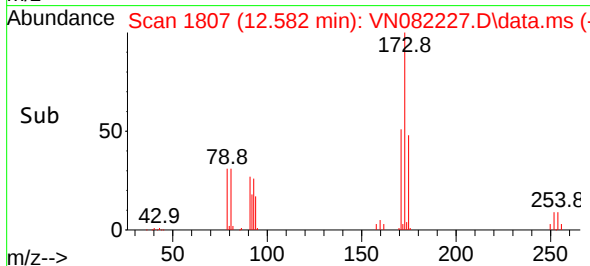
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:173 Resp: 92739
Ion Ratio Lower Upper
173 100
175 48.3 24.6 74.0
254 0.0 0.0 0.0

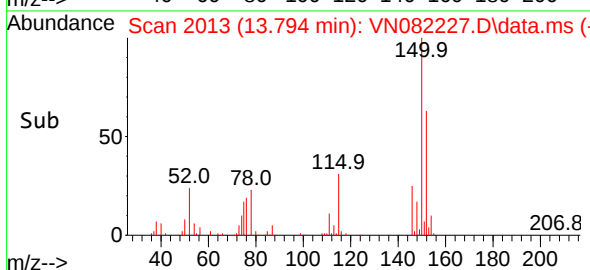
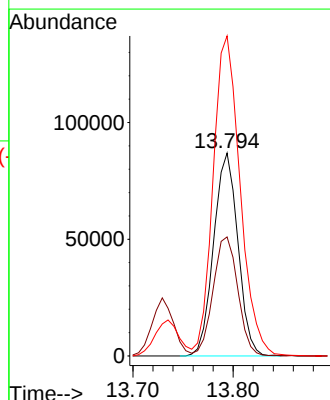
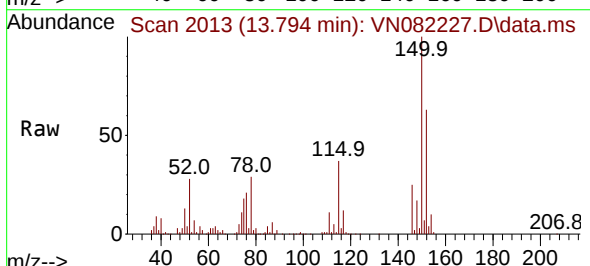
Manual Integrations
APPROVED

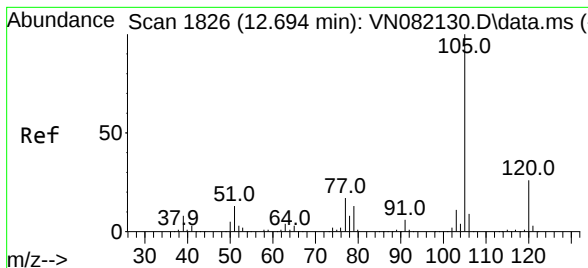
Reviewed By :John Carlone 05/21/2024
Supervised By :Mahesh Dadoda 05/21/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN082227.D
Acq: 20 May 2024 22:12

Tgt Ion:152 Resp: 145741
Ion Ratio Lower Upper
152 100
115 60.0 30.4 91.3
150 175.6 0.0 353.2





#73

Isopropylbenzene

Concen: 50.636 ug/l

RT: 12.700 min Scan# 1826

Delta R.T. 0.006 min

Lab File: VN082227.D

Acq: 20 May 2024 22:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 586279

Ion Ratio Lower Upper

105 100

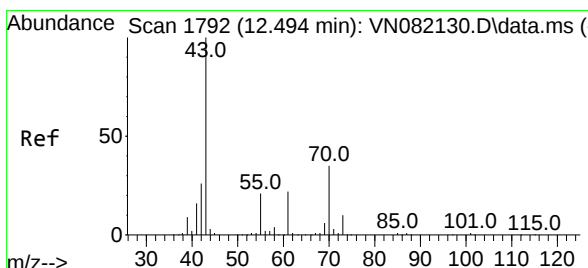
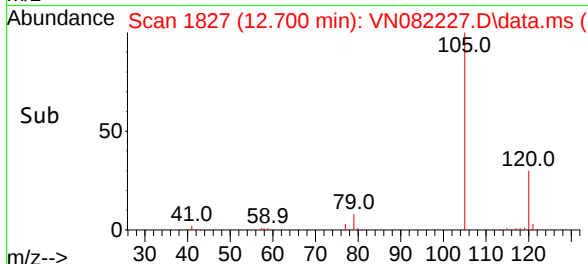
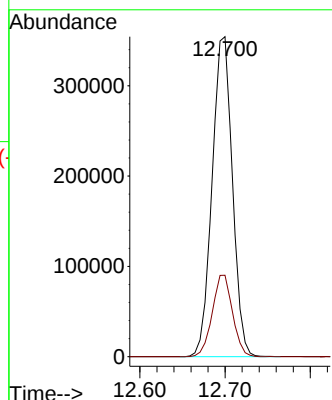
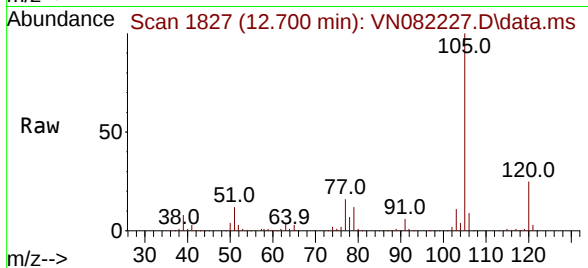
120 25.4 13.4 40.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/21/2024

Supervised By :Mahesh Dadoda 05/21/2024



#74

N-ethyl acetate

Concen: 50.263 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VN082227.D

Acq: 20 May 2024 22:12

Tgt Ion: 43 Resp: 320111

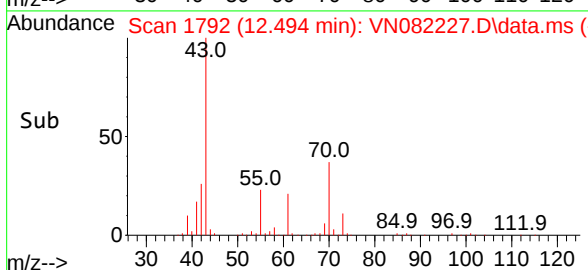
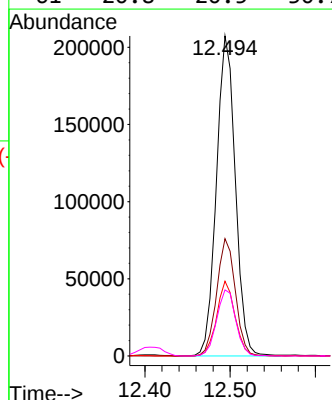
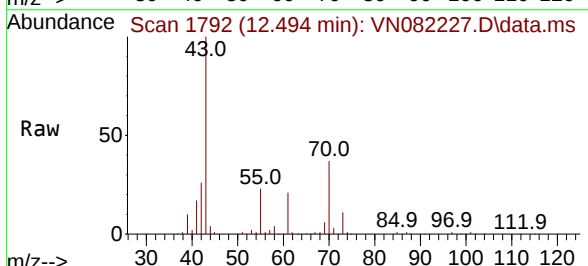
Ion Ratio Lower Upper

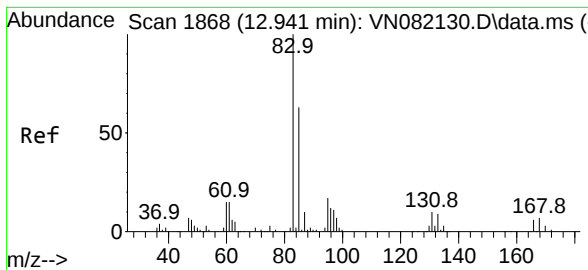
43 100

70 36.2 39.0 58.4#

55 22.6 21.3 31.9

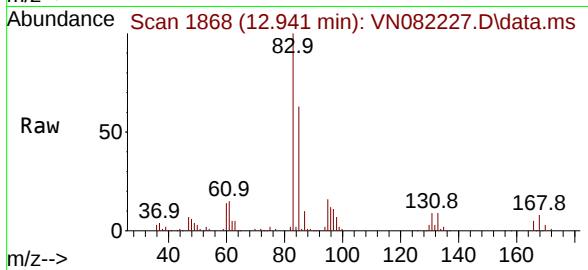
61 20.8 20.5 30.7





#75
1,1,2,2-Tetrachloroethane
Concen: 49.441 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN082227.D
Acq: 20 May 2024 22:12

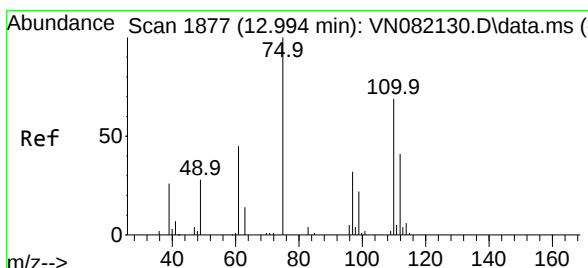
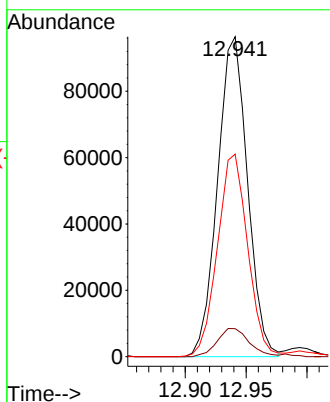
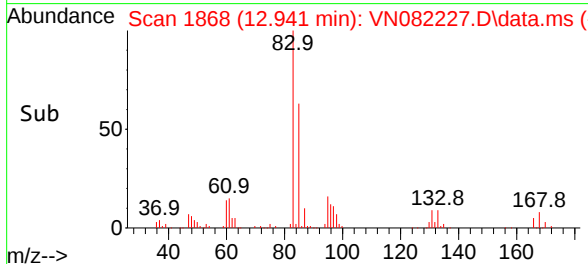
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 165010
Ion Ratio Lower Upper
83 100
131 9.4 5.5 16.4
85 63.9 32.9 98.6

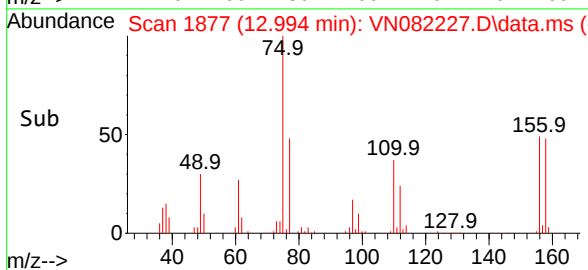
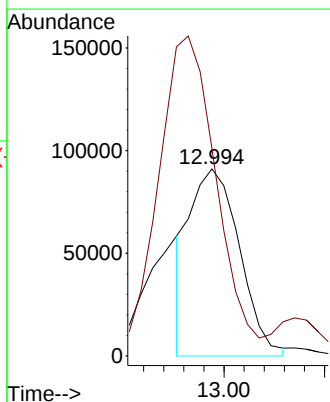
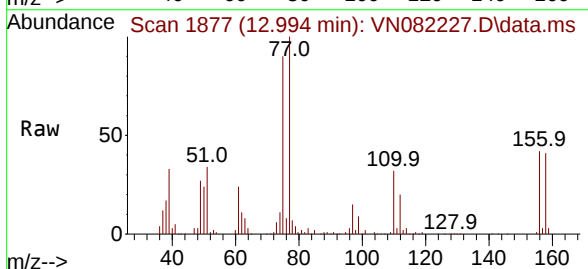
Manual Integrations
APPROVED

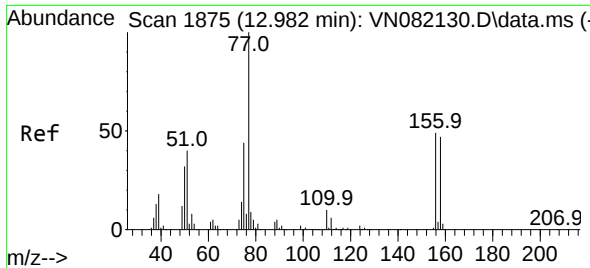
Reviewed By :John Carlone 05/21/2024
Supervised By :Mahesh Dadoda 05/21/2024



#76
1,2,3-Trichloropropane
Concen: 51.161 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN082227.D
Acq: 20 May 2024 22:12

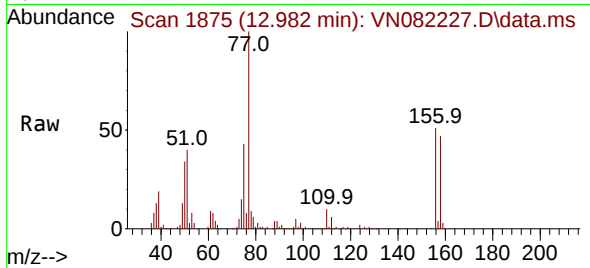
Tgt Ion: 75 Resp: 156937
Ion Ratio Lower Upper
75 100
77 199.1 90.5 271.3





#77
Bromobenzene
Concen: 50.046 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN082227.D
Acq: 20 May 2024 22:12

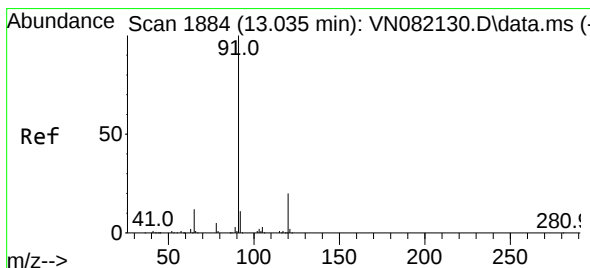
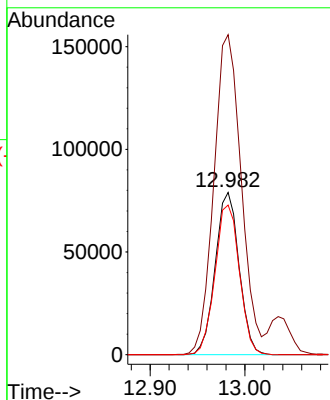
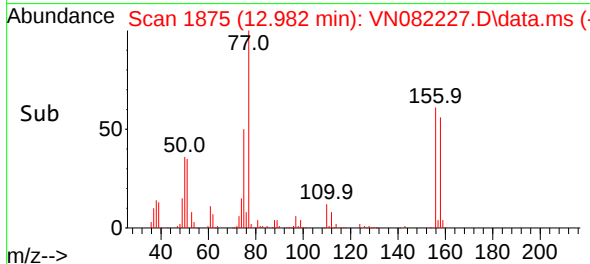
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



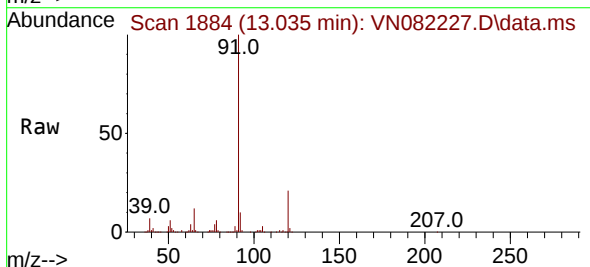
Tgt Ion:156 Resp: 138089
Ion Ratio Lower Upper
156 100
77 226.3 100.2 300.6
158 94.5 49.1 147.3

Manual Integrations
APPROVED

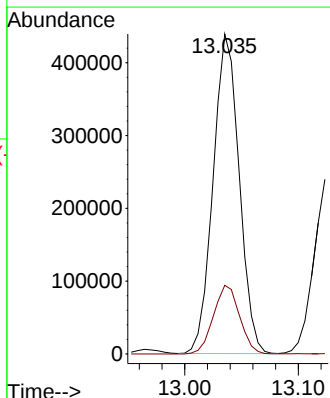
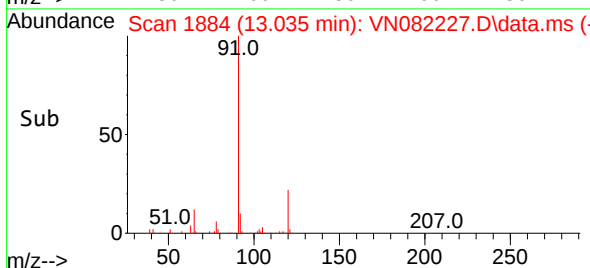
Reviewed By :John Carlone 05/21/2024
Supervised By :Mahesh Dadoda 05/21/2024

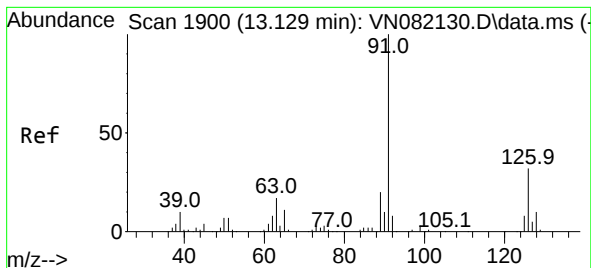


#78
n-propylbenzene
Concen: 51.021 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN082227.D
Acq: 20 May 2024 22:12



Tgt Ion: 91 Resp: 699525
Ion Ratio Lower Upper
91 100
120 21.6 11.7 35.0





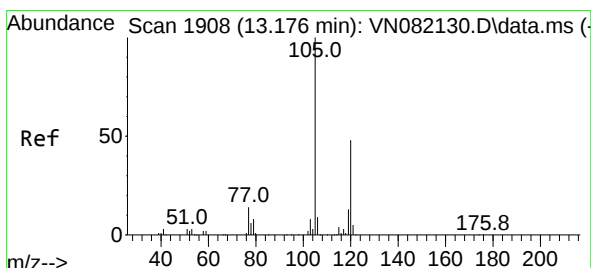
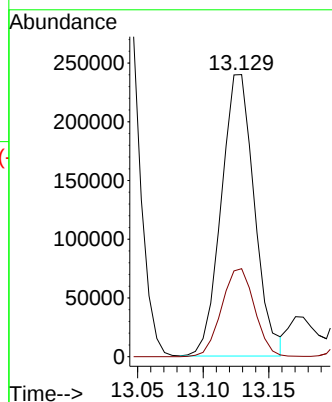
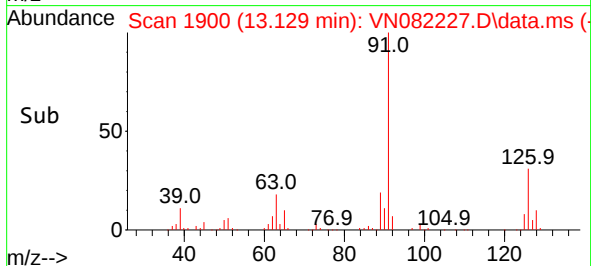
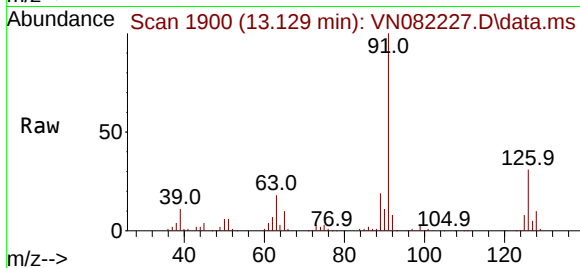
#79
2-Chlorotoluene
Concen: 49.055 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VN082227.D
Acq: 20 May 2024 22:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 422339
Ion Ratio Lower Upper
91 100
126 31.0 17.5 52.5

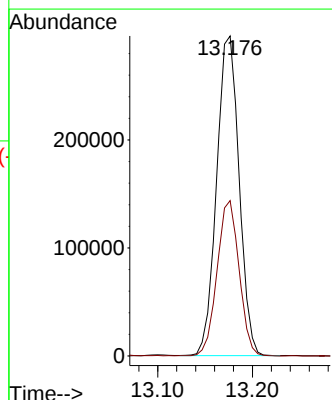
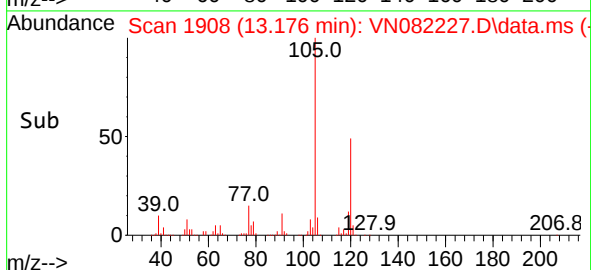
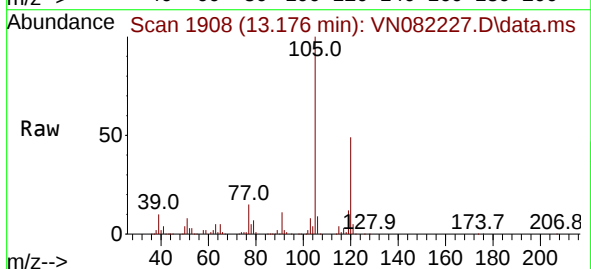
Manual Integrations
APPROVED

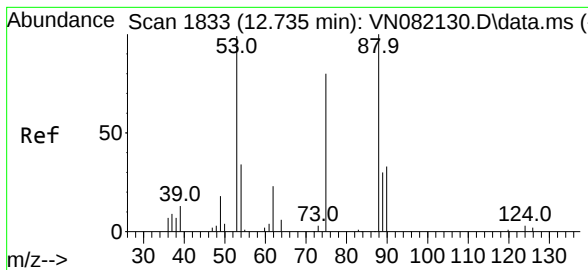
Reviewed By :John Carlone 05/21/2024
Supervised By :Mahesh Dadoda 05/21/2024



#80
1,3,5-Trimethylbenzene
Concen: 52.147 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN082227.D
Acq: 20 May 2024 22:12

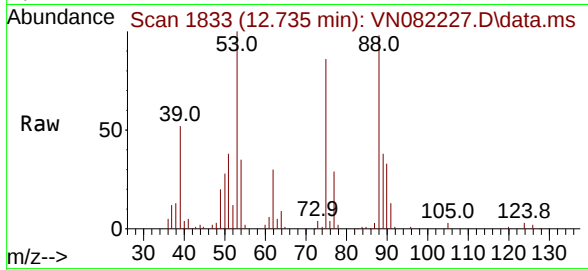
Tgt Ion:105 Resp: 488208
Ion Ratio Lower Upper
105 100
120 47.7 24.8 74.3





#81
trans-1,4-Dichloro-2-butene
Concen: 47.145 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN082227.D
Acq: 20 May 2024 22:12

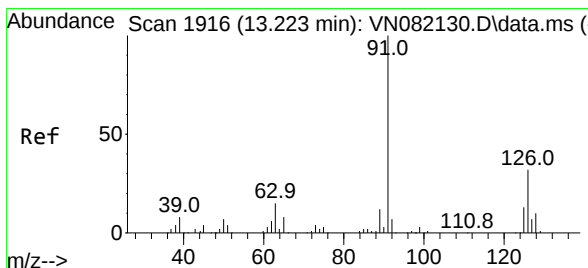
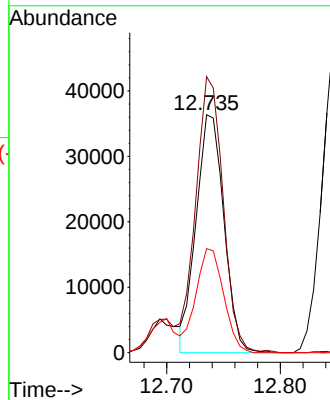
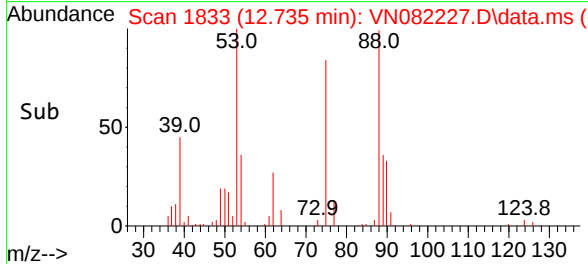
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



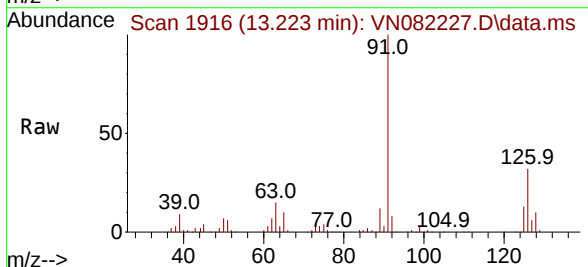
Tgt Ion: 75 Resp: 61830
Ion Ratio Lower Upper
75 100
53 116.0 72.9 109.3
89 43.8 39.1 58.7

Manual Integrations
APPROVED

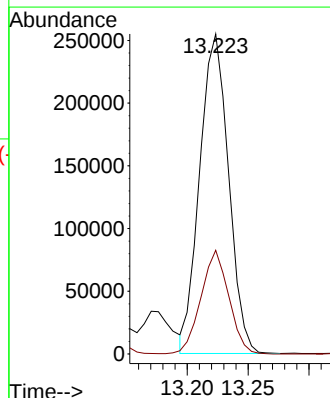
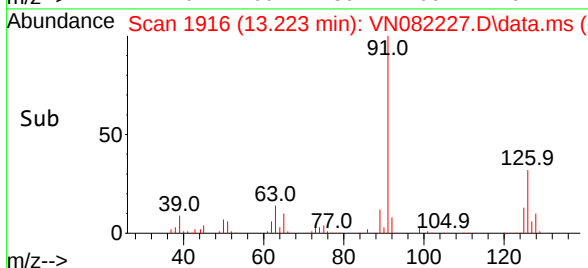
Reviewed By :John Carlone 05/21/2024
Supervised By :Mahesh Dadoda 05/21/2024

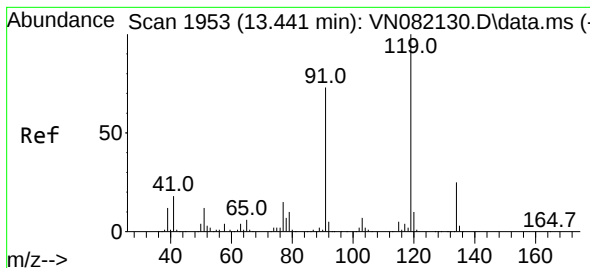


#82
4-Chlorotoluene
Concen: 49.891 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN082227.D
Acq: 20 May 2024 22:12



Tgt Ion: 91 Resp: 419966
Ion Ratio Lower Upper
91 100
126 31.4 17.4 52.3





#83

tert-Butylbenzene

Concen: 50.899 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. -0.000 min

Lab File: VN082227.D

Acq: 20 May 2024 22:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

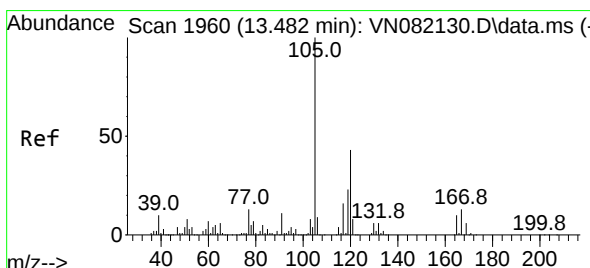
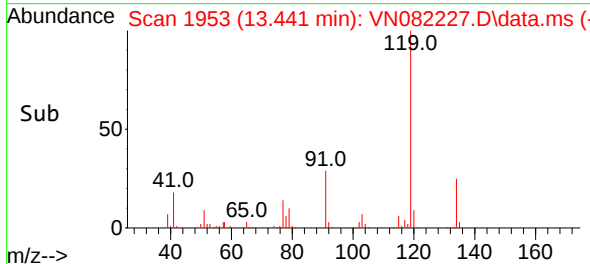
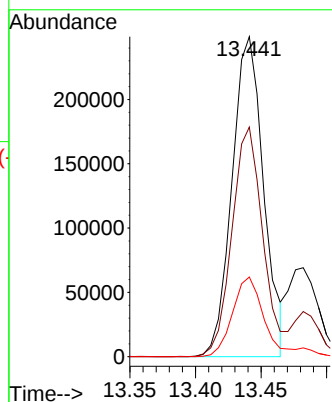
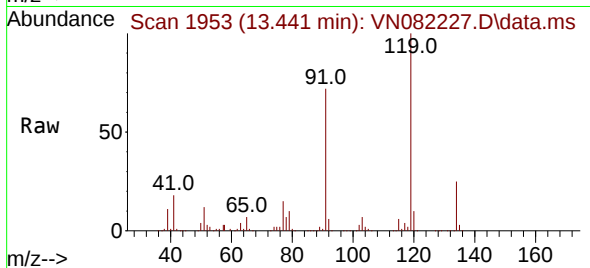
Tgt Ion:119 Resp: 416884
 Ion Ratio Lower Upper
 119 100
 91 71.0 32.6 97.8
 134 26.0 12.4 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/21/2024

Supervised By :Mahesh Dadoda 05/21/2024



#84

1,2,4-Trimethylbenzene

Concen: 51.659 ug/l

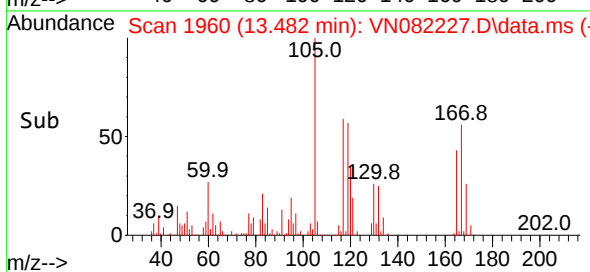
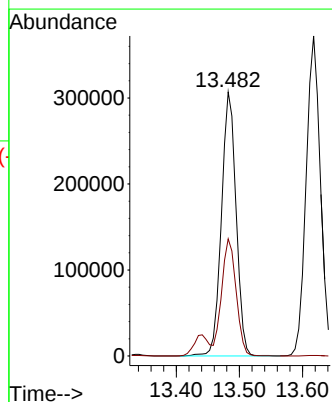
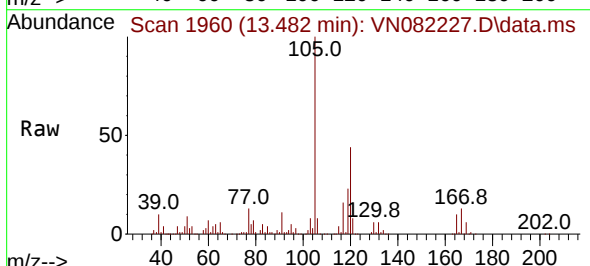
RT: 13.482 min Scan# 1960

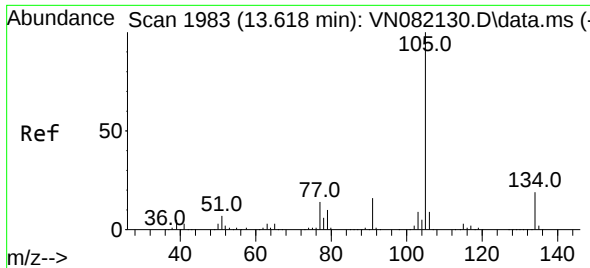
Delta R.T. -0.000 min

Lab File: VN082227.D

Acq: 20 May 2024 22:12

Tgt Ion:105 Resp: 494802
 Ion Ratio Lower Upper
 105 100
 120 43.6 22.9 68.7





#85
 sec-Butylbenzene
 Concen: 51.505 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN082227.D
 Acq: 20 May 2024 22:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

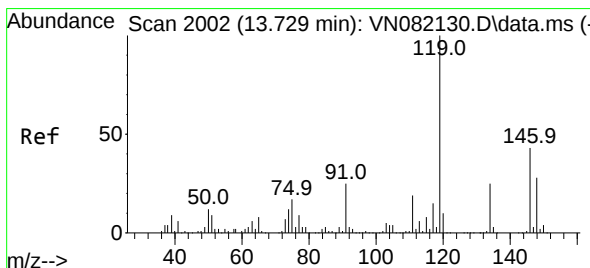
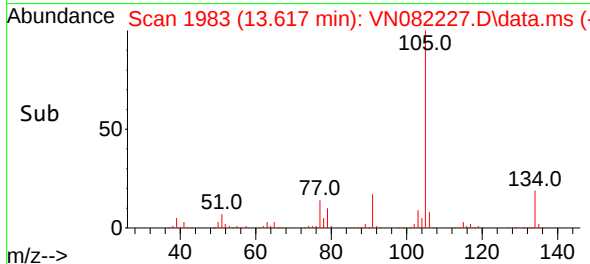
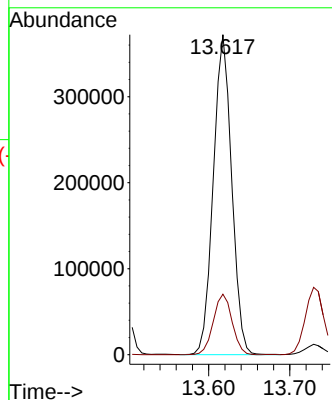
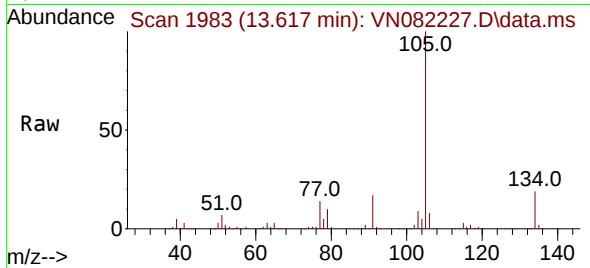
Tgt Ion:105 Resp: 584715
 Ion Ratio Lower Upper
 105 100
 134 19.3 10.2 30.4

Manual Integrations

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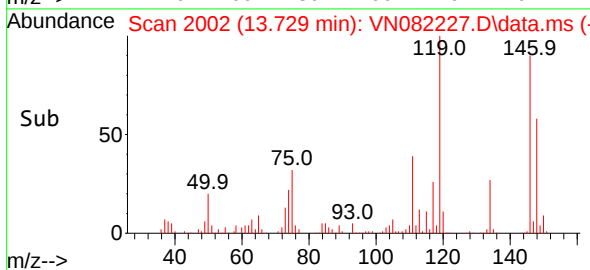
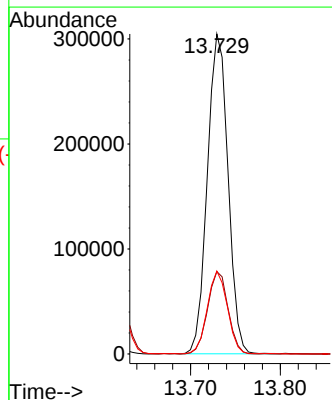
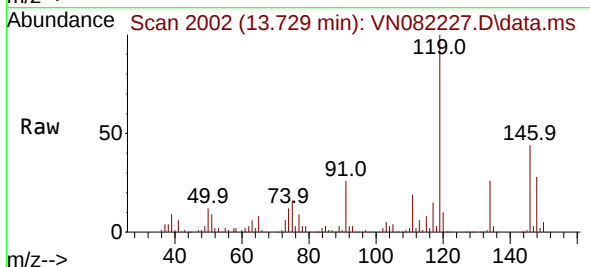
Reviewed By :John Carlone 05/21/2024

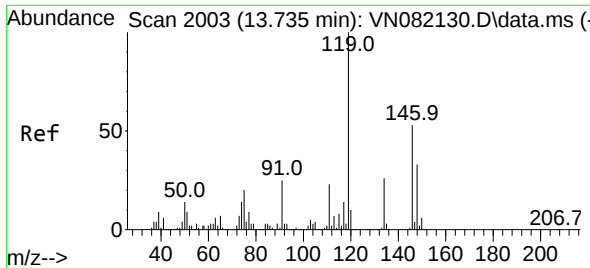
Supervised By :Mahesh Dadoda 05/21/2024



#86
 p-Isopropyltoluene
 Concen: 52.795 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN082227.D
 Acq: 20 May 2024 22:12

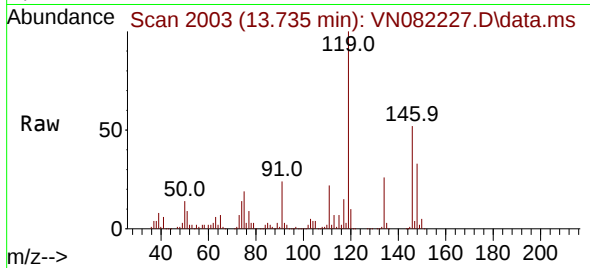
Tgt Ion:119 Resp: 487103
 Ion Ratio Lower Upper
 119 100
 134 25.5 13.2 39.5
 91 25.0 11.8 35.3





#87
1,3-Dichlorobenzene
Concen: 49.907 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN082227.D
Acq: 20 May 2024 22:12

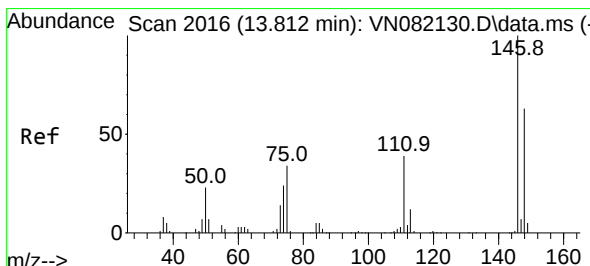
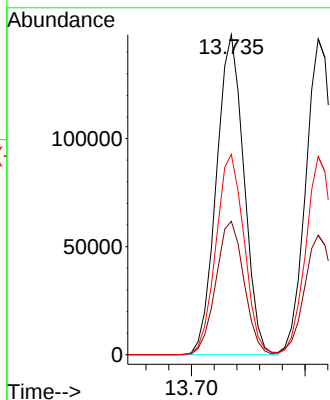
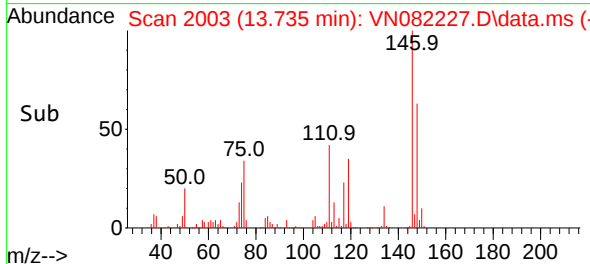
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 24948
Ion Ratio Lower Upper
146 100
111 42.5 20.8 62.5
148 64.0 32.1 96.3

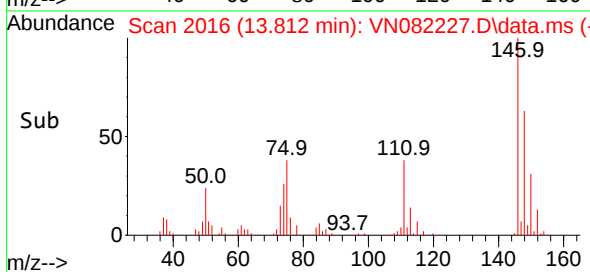
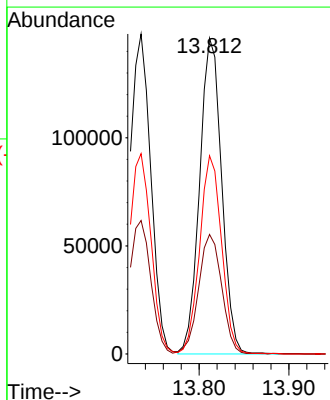
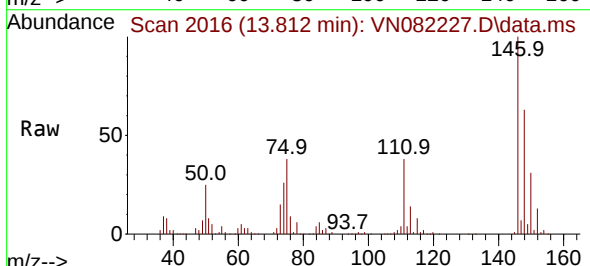
Manual Integrations
APPROVED

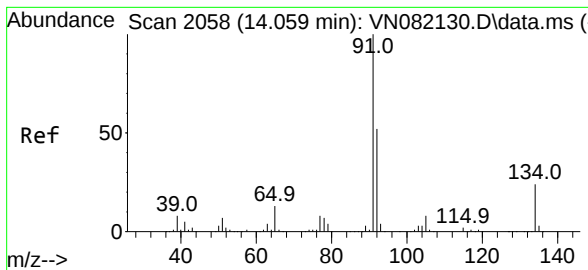
Reviewed By :John Carlone 05/21/2024
Supervised By :Mahesh Dadoda 05/21/2024



#88
1,4-Dichlorobenzene
Concen: 48.844 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN082227.D
Acq: 20 May 2024 22:12

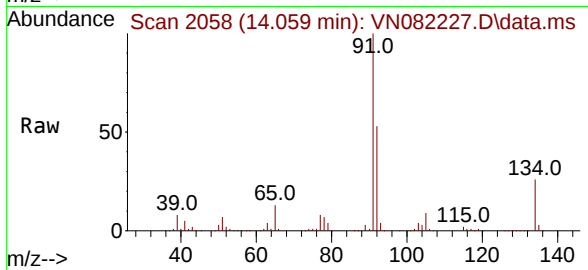
Tgt Ion:146 Resp: 249205
Ion Ratio Lower Upper
146 100
111 39.4 19.3 57.9
148 62.3 31.3 93.9





#89
n-Butylbenzene
Concen: 50.125 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN082227.D
Acq: 20 May 2024 22:12

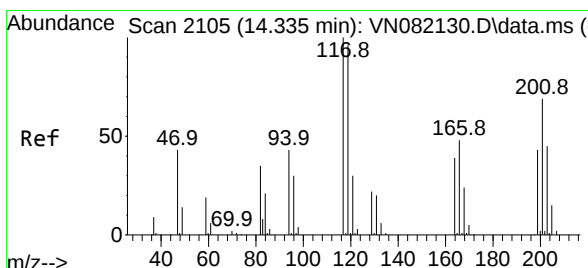
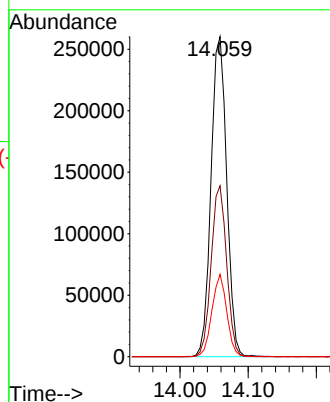
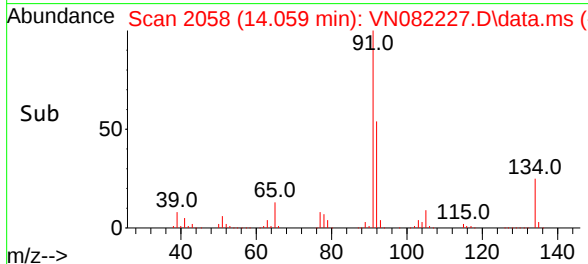
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 415670
Ion Ratio Lower Upper
91 100
92 53.0 26.2 78.5
134 24.4 13.2 39.5

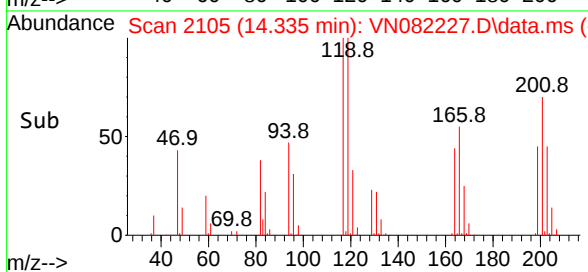
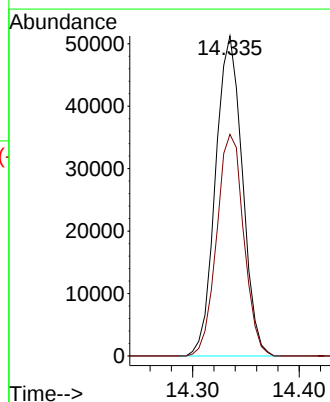
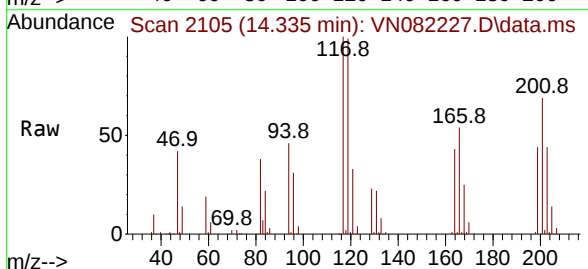
Manual Integrations
APPROVED

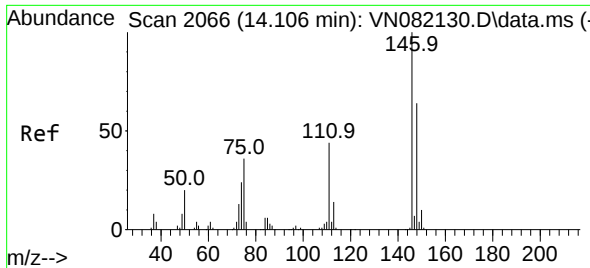
Reviewed By :John Carlone 05/21/2024
Supervised By :Mahesh Dadoda 05/21/2024



#90
Hexachloroethane
Concen: 52.413 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN082227.D
Acq: 20 May 2024 22:12

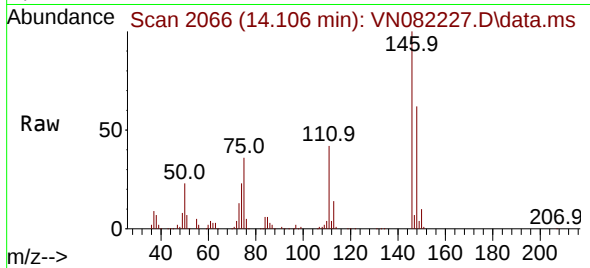
Tgt Ion:117 Resp: 89597
Ion Ratio Lower Upper
117 100
201 69.8 33.3 99.8





#91
1,2-Dichlorobenzene
Concen: 50.991 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN082227.D
Acq: 20 May 2024 22:12

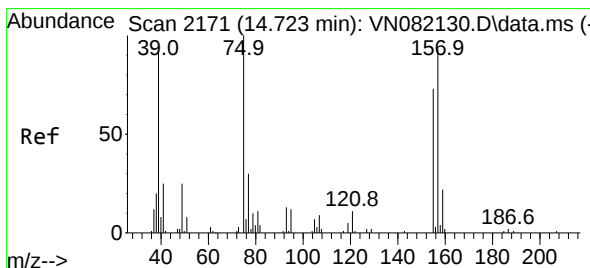
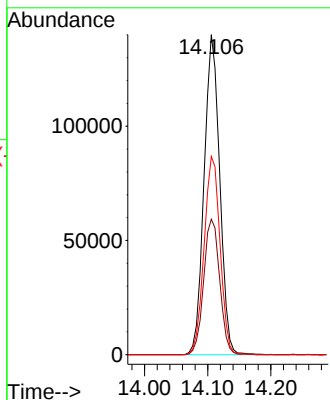
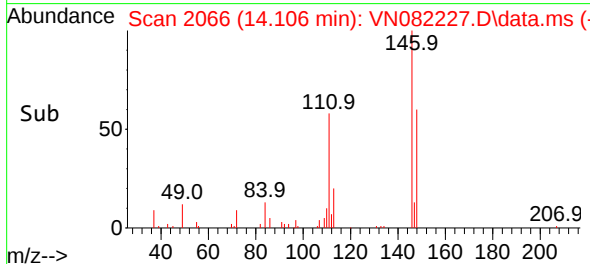
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 241280
Ion Ratio Lower Upper
146 100
111 43.4 21.3 64.0
148 63.2 31.8 95.4

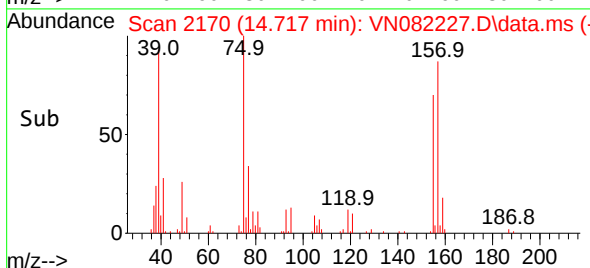
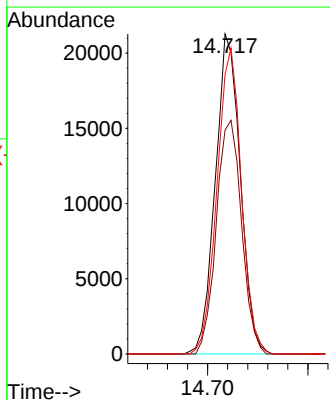
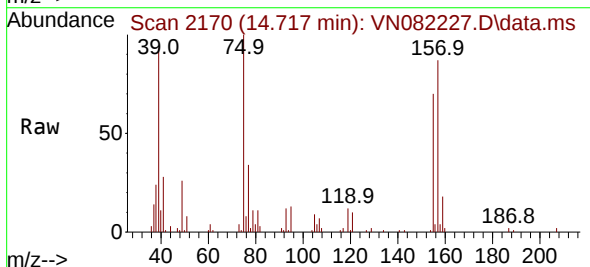
Manual Integrations
APPROVED

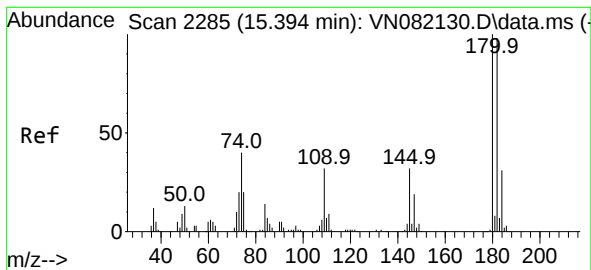
Reviewed By :John Carlone 05/21/2024
Supervised By :Mahesh Dadoda 05/21/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 53.551 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.006 min
Lab File: VN082227.D
Acq: 20 May 2024 22:12

Tgt Ion: 75 Resp: 36722
Ion Ratio Lower Upper
75 100
155 73.9 42.6 128.0
157 93.6 53.0 159.0





#93

1,2,4-Trichlorobenzene

Concen: 49.370 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN082227.D

Acq: 20 May 2024 22:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:180 Resp: 13094

Ion Ratio Lower Upper

180 100

182 96.0 46.7 140.0

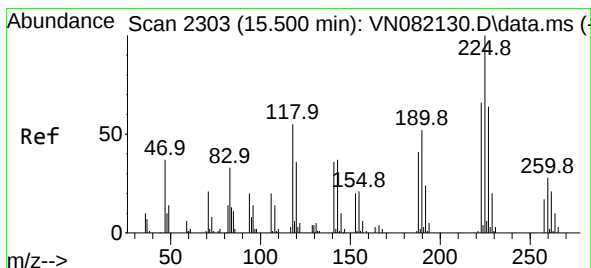
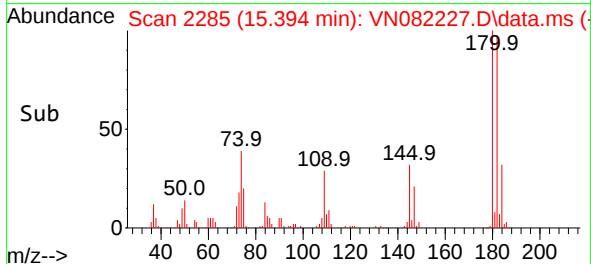
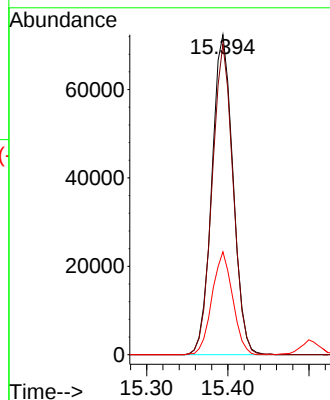
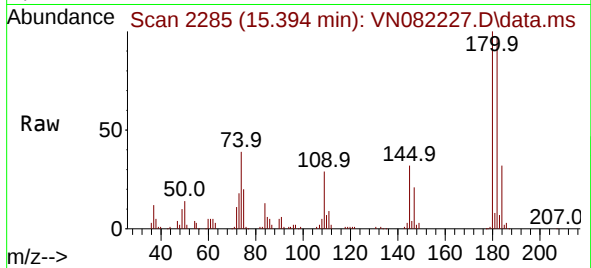
145 31.4 16.2 48.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/21/2024

Supervised By :Mahesh Dadoda 05/21/2024



#94

Hexachlorobutadiene

Concen: 46.069 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. -0.000 min

Lab File: VN082227.D

Acq: 20 May 2024 22:12

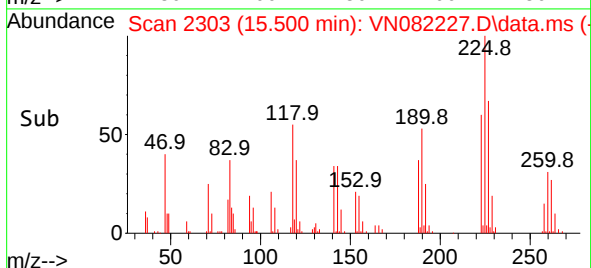
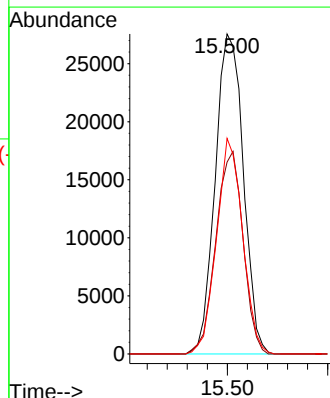
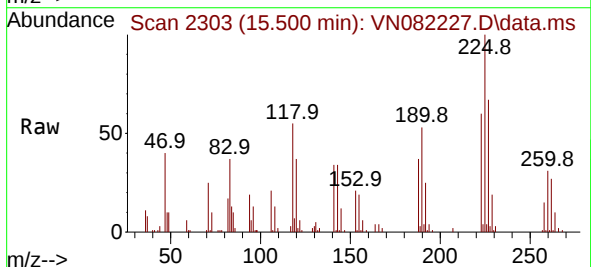
Tgt Ion:225 Resp: 53618

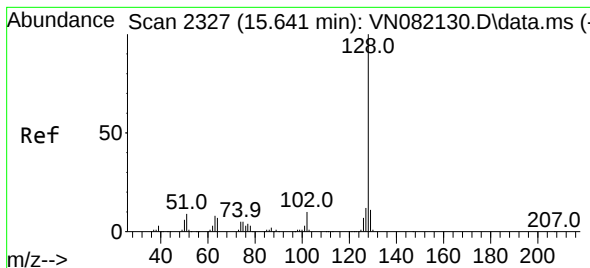
Ion Ratio Lower Upper

225 100

223 61.4 31.1 93.2

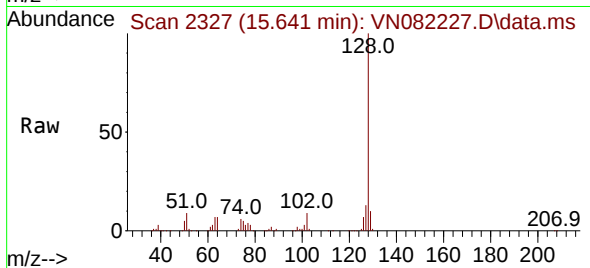
227 62.4 30.6 91.6





#95
Naphthalene
Concen: 52.902 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN082227.D
Acq: 20 May 2024 22:12

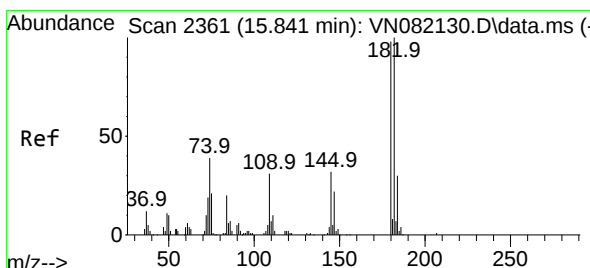
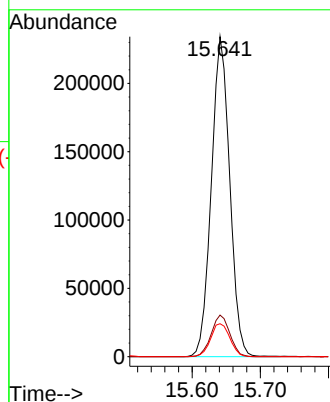
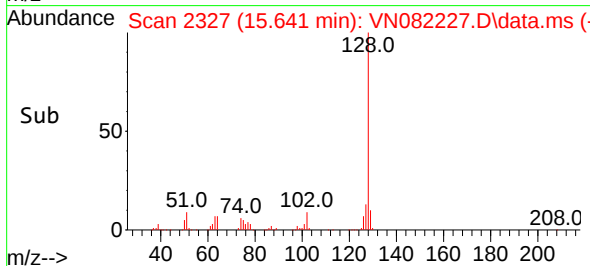
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 439729
Ion Ratio Lower Upper
128 100
127 13.2 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: 50.625 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VN082227.D
Acq: 20 May 2024 22:12

Tgt Ion:180 Resp: 134421
Ion Ratio Lower Upper
180 100
182 92.4 46.0 137.8
145 33.1 17.1 51.3

