

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051524\
 Data File : VN082131.D
 Acq On : 15 May 2024 14:13
 Operator : JC\MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Quant Time: May 16 04:58:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 04:51:03 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/16/2024
 Supervised By : Mahesh Dadoda 05/16/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	201628	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	346705	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	313185	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	141911	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	61109	19.194	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	38.380%#		
35) Dibromofluoromethane	8.165	113	41318	19.373	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	38.740%#		
50) Toluene-d8	10.565	98	153956	18.828	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	37.660%#		
62) 4-Bromofluorobenzene	12.853	95	54716	18.748	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	37.500%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	57181	19.670	ug/l	96
3) Chloromethane	2.365	50	67384	20.454	ug/l	96
4) Vinyl Chloride	2.512	62	63274	20.430	ug/l	98
5) Bromomethane	2.948	94	36780	20.660	ug/l	95
6) Chloroethane	3.118	64	40806	20.178	ug/l	96
7) Trichlorofluoromethane	3.501	101	84479	20.830	ug/l	99
8) Diethyl Ether	3.959	74	31996	22.146	ug/l	72
9) 1,1,2-Trichlorotrifluo...	4.371	101	47345	19.984	ug/l	97
10) Methyl Iodide	4.589	142	47928	20.124	ug/l	96
11) Tert butyl alcohol	5.512	59	52897	103.504	ug/l	97
12) 1,1-Dichloroethene	4.342	96	46688	21.202	ug/l #	75
13) Acrolein	4.177	56	38421	101.450	ug/l	98
14) Allyl chloride	5.024	41	96831	20.539	ug/l #	91
15) Acrylonitrile	5.718	53	137788	104.101	ug/l	99
16) Acetone	4.424	43	124605	95.407	ug/l	96
17) Carbon Disulfide	4.712	76	139918	19.673	ug/l	98
18) Methyl Acetate	5.018	43	66416	20.420	ug/l #	82
19) Methyl tert-butyl Ether	5.800	73	169146	21.015	ug/l #	91
20) Methylene Chloride	5.277	84	53974	20.483	ug/l #	76
21) trans-1,2-Dichloroethene	5.783	96	49200	20.503	ug/l #	76
22) Diisopropyl ether	6.671	45	205411	20.865	ug/l #	92
23) Vinyl Acetate	6.606	43	841380	108.401	ug/l #	89
24) 1,1-Dichloroethane	6.571	63	104766	20.647	ug/l	96
25) 2-Butanone	7.483	43	200641	101.326	ug/l #	84
26) 2,2-Dichloropropane	7.489	77	88351	20.788	ug/l	94
27) cis-1,2-Dichloroethene	7.483	96	58575	20.684	ug/l	79
28) Bromochloromethane	7.812	49	44878	19.742	ug/l #	74
29) Tetrahydrofuran	7.841	42	132384	104.127	ug/l #	81
30) Chloroform	7.965	83	100418	20.724	ug/l	100
31) Cyclohexane	8.253	56	100863	19.836	ug/l	86
32) 1,1,1-Trichloroethane	8.165	97	90712	21.102	ug/l	95
36) 1,1-Dichloropropene	8.371	75	72978	20.402	ug/l	95
37) Ethyl Acetate	7.559	43	83060	20.749	ug/l #	94
38) Carbon Tetrachloride	8.365	117	74935	20.666	ug/l	96
39) Methylcyclohexane	9.600	83	80540	20.541	ug/l #	84
40) Benzene	8.606	78	221807	20.795	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	46325	19.677	ug/l #	85
42) 1,2-Dichloroethane	8.671	62	85192	20.766	ug/l	94
43) Isopropyl Acetate	8.688	43	147499	20.794	ug/l #	88
44) Trichloroethene	9.353	130	48507	20.020	ug/l	94
45) 1,2-Dichloropropane	9.624	63	57026	20.721	ug/l	94
46) Dibromomethane	9.712	93	37165	20.569	ug/l	96
47) Bromodichloromethane	9.888	83	80006	20.975	ug/l #	97
48) Methyl methacrylate	9.683	41	68702	20.327	ug/l #	82
49) 1,4-Dioxane	9.694	88	19613	414.109	ug/l #	73
51) 4-Methyl-2-Pentanone	10.447	43	421371	104.555	ug/l	89
52) Toluene	10.630	92	134564	21.022	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	82578	20.932	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	87799	21.026	ug/l #	79
55) 1,1,2-Trichloroethane	11.018	97	47191	20.287	ug/l	98
56) Ethyl methacrylate	10.877	69	84200	21.320	ug/l #	70
57) 1,3-Dichloropropane	11.165	76	88842	20.426	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	217517	106.777	ug/l	89
59) 2-Hexanone	11.194	43	312038	105.744	ug/l	87
60) Dibromochloromethane	11.359	129	54703	21.309	ug/l	96
61) 1,2-Dibromoethane	11.471	107	49833	20.857	ug/l	96
64) Tetrachloroethene	11.106	164	47433	20.434	ug/l	98
65) Chlorobenzene	11.894	112	138693	20.046	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	48142	21.124	ug/l	99
67) Ethyl Benzene	11.965	91	256208	20.701	ug/l	97
68) m/p-Xylenes	12.071	106	188158	41.480	ug/l	92
69) o-Xylene	12.400	106	90529	20.603	ug/l	90
70) Styrene	12.412	104	153767	21.068	ug/l	95
71) Bromoform	12.582	173	35204	19.851	ug/l #	100
73) Isopropylbenzene	12.694	105	235348	20.875	ug/l	98
74) N-amyl acetate	12.494	43	126536	20.405	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.941	83	66119	20.345	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	64611m	21.662	ug/l	
77) Bromobenzene	12.982	156	54973	20.461	ug/l	86
78) n-propylbenzene	13.035	91	279519	20.937	ug/l	97
79) 2-Chlorotoluene	13.123	91	173101	20.649	ug/l	92
80) 1,3,5-Trimethylbenzene	13.176	105	194647	21.352	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.735	75	25648	21.115	ug/l #	81
82) 4-Chlorotoluene	13.223	91	171643	20.941	ug/l	93
83) tert-Butylbenzene	13.441	119	164608	20.640	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	197575	21.184	ug/l	98
85) sec-Butylbenzene	13.618	105	231164	20.912	ug/l	98
86) p-Isopropyltoluene	13.729	119	189870	21.135	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	99704	20.483	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	101185	20.367	ug/l	97
89) n-Butylbenzene	14.059	91	169582	21.001	ug/l	98
90) Hexachloroethane	14.335	117	35468	21.308	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	95504	20.728	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	13533	20.267	ug/l	89
93) 1,2,4-Trichlorobenzene	15.394	180	52250	20.231	ug/l	99
94) Hexachlorobutadiene	15.500	225	22715	20.044	ug/l	95
95) Naphthalene	15.641	128	168920	20.871	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	52074	20.141	ug/l	95

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ClientSampleId :
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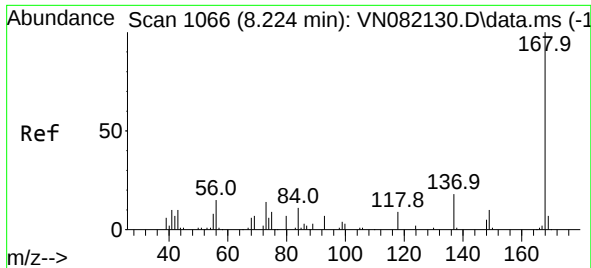
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 05/16/2024

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Quant Title : SW846 8260
QLast Update : Thu May 16 04:51:03 2024
Response via : Initial Calibration

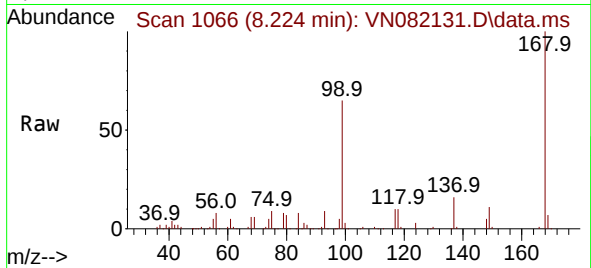
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
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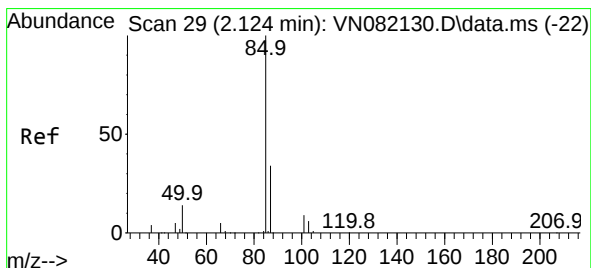
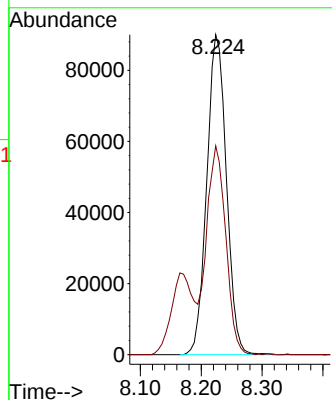
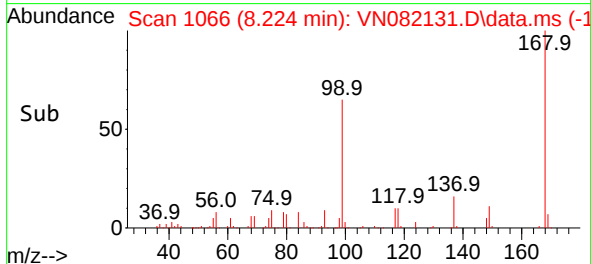
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion:168 Resp: 201628
Ion Ratio Lower Upper
168 100
99 65.2 48.2 72.4

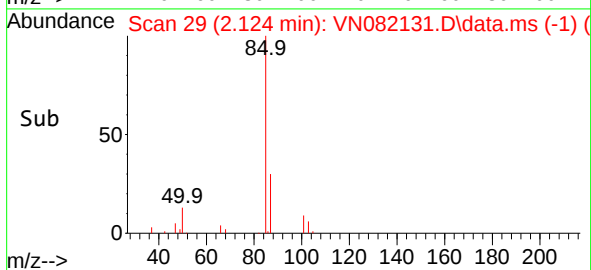
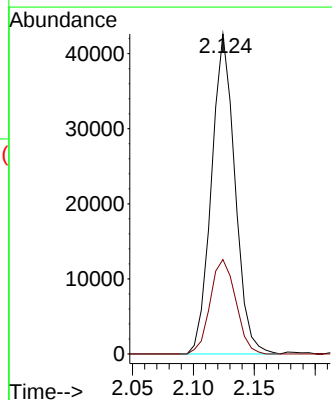
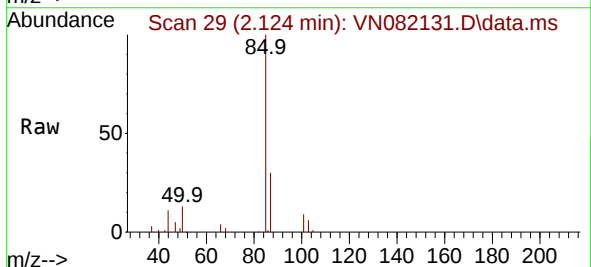
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#2
Dichlorodifluoromethane
Concen: 19.670 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN082131.D
Acq: 15 May 2024 14:13

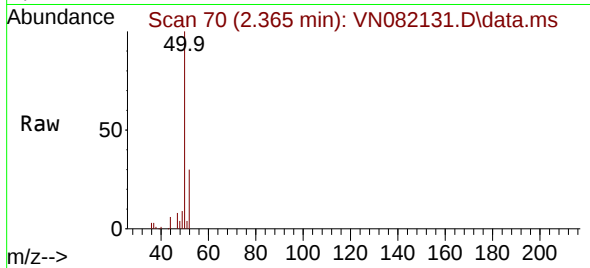
Tgt Ion: 85 Resp: 57181
Ion Ratio Lower Upper
85 100
87 29.5 15.8 47.4





#3
Chloromethane
Concen: 20.454 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN082131.D
Acq: 15 May 2024 14:13

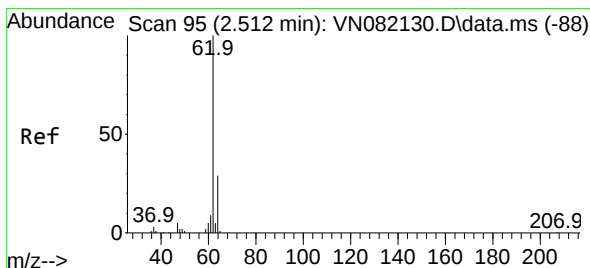
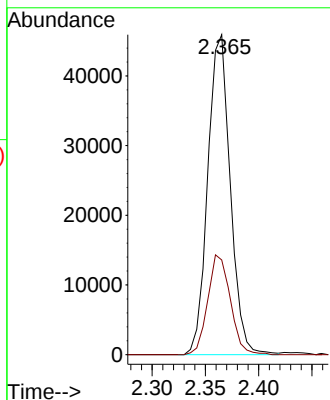
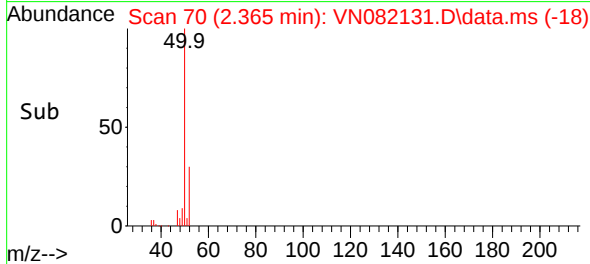
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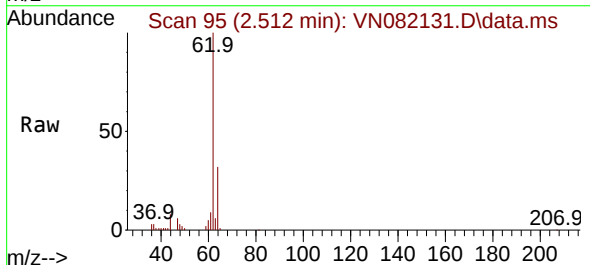
Tgt Ion: 50 Resp: 67384
Ion Ratio Lower Upper
50 100
52 29.6 25.5 38.3

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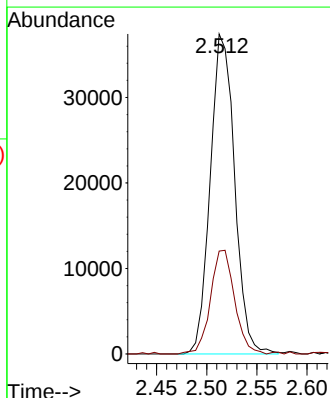
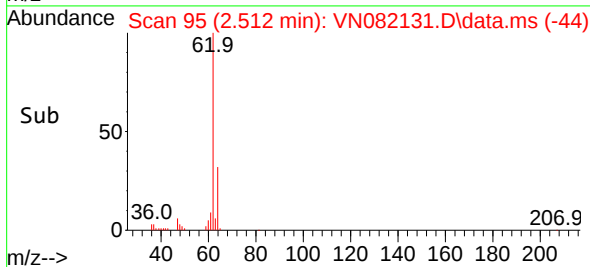
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#4
Vinyl Chloride
Concen: 20.430 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN082131.D
Acq: 15 May 2024 14:13



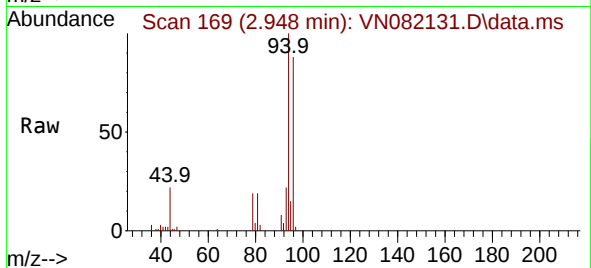
Tgt Ion: 62 Resp: 63274
Ion Ratio Lower Upper
62 100
64 32.1 24.6 37.0





#5
Bromomethane
Concen: 20.660 ug/l
RT: 2.948 min Scan# 169
Delta R.T. -0.006 min
Lab File: VN082131.D
Acq: 15 May 2024 14:13

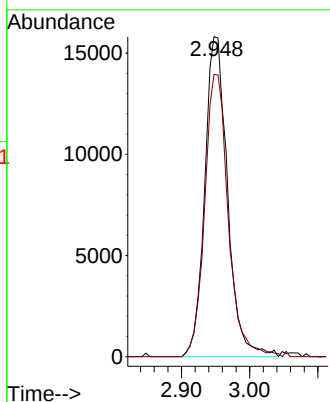
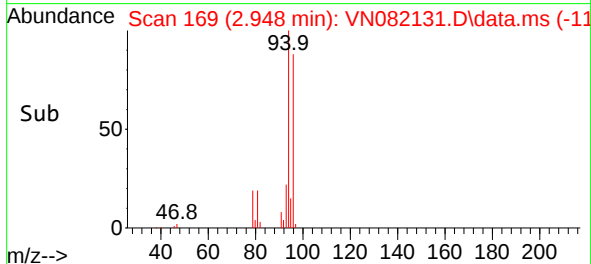
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



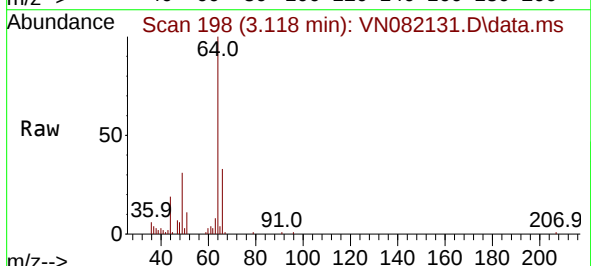
Tgt Ion: 94 Resp: 36780
Ion Ratio Lower Upper
94 100
96 88.2 74.8 112.2

Manual Integrations
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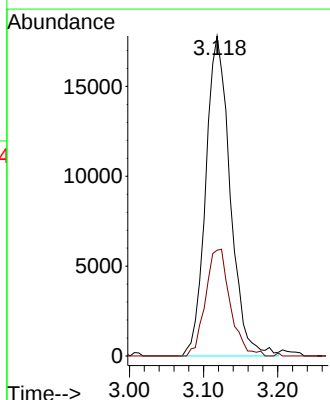
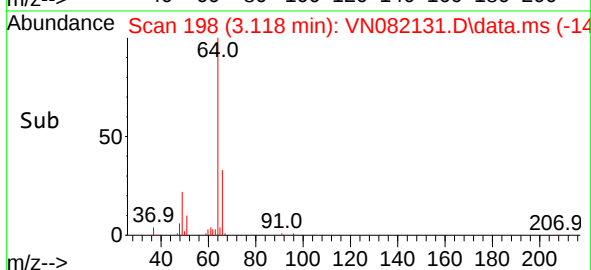
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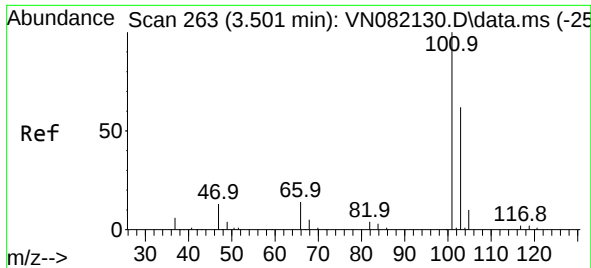


#6
Chloroethane
Concen: 20.178 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN082131.D
Acq: 15 May 2024 14:13



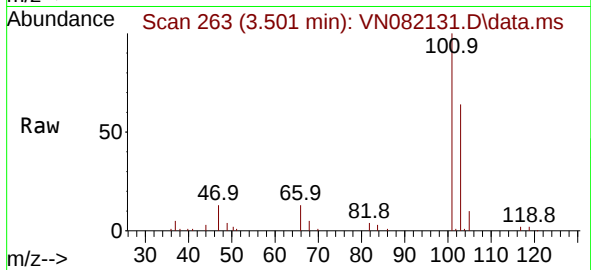
Tgt Ion: 64 Resp: 40806
Ion Ratio Lower Upper
64 100
66 33.1 24.7 37.1





#7
Trichlorofluoromethane
Concen: 20.830 ug/l
RT: 3.501 min Scan# 263
Delta R.T. 0.000 min
Lab File: VN082131.D
Acq: 15 May 2024 14:13

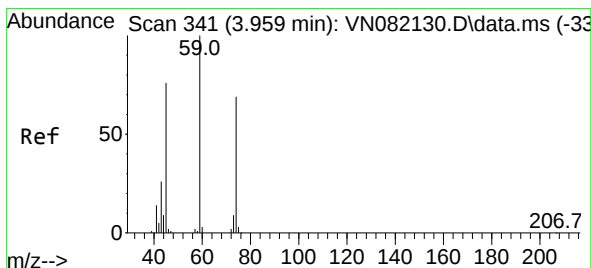
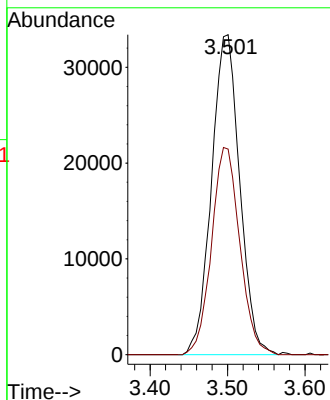
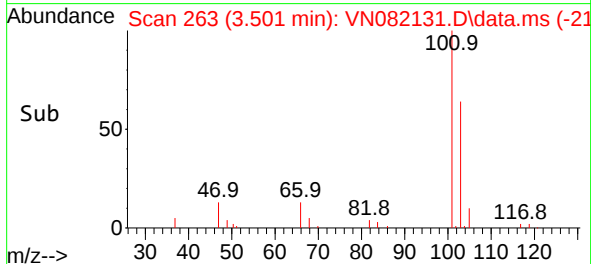
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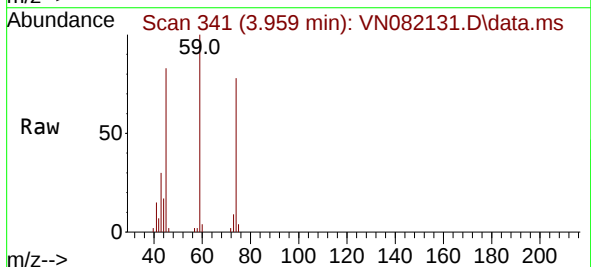
Tgt Ion:101 Resp: 84479
Ion Ratio Lower Upper
101 100
103 64.2 50.6 75.8

Manual Integrations
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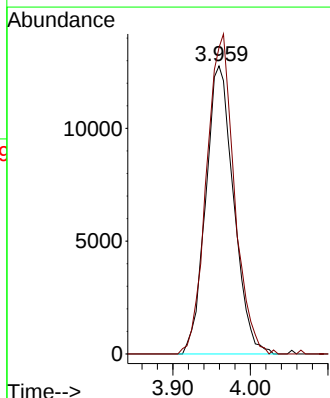
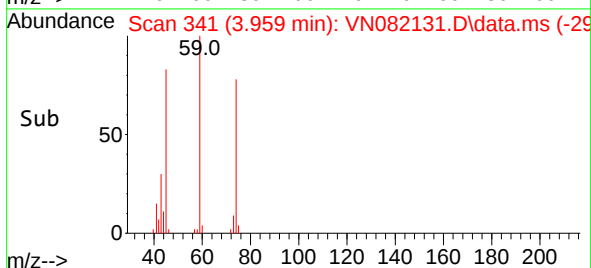
Reviewed By :John Carlone 05/16/2024
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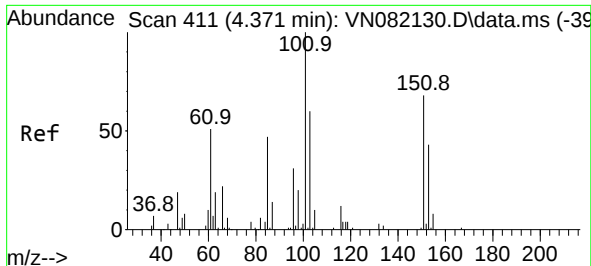


#8
Diethyl Ether
Concen: 22.146 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.000 min
Lab File: VN082131.D
Acq: 15 May 2024 14:13



Tgt Ion: 74 Resp: 31996
Ion Ratio Lower Upper
74 100
45 110.5 42.4 127.3





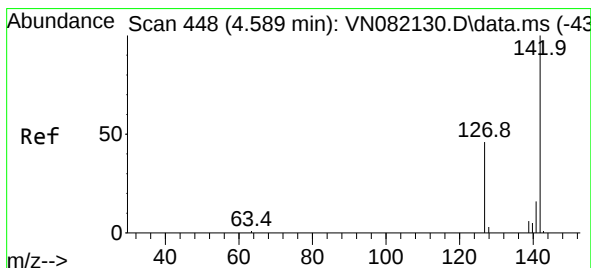
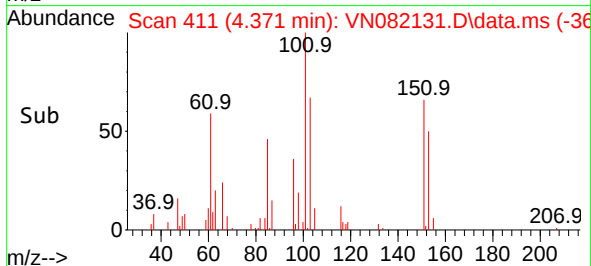
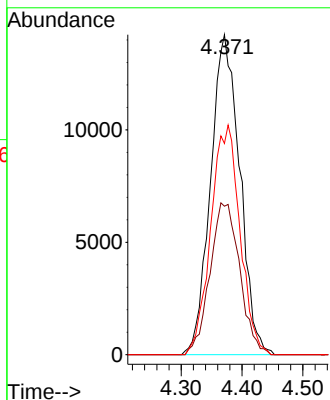
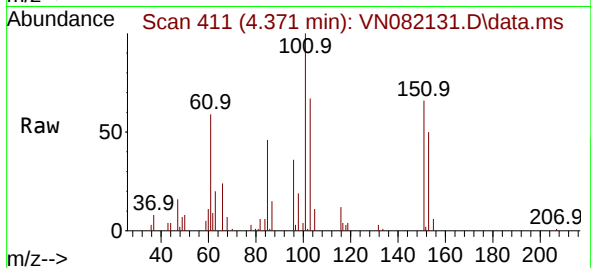
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.984 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
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Tgt Ion:101 Resp: 47349
Ion Ratio Lower Upper
101 100
85 48.5 37.3 55.9
151 71.8 59.2 88.8

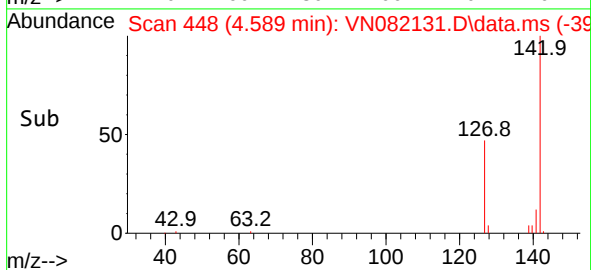
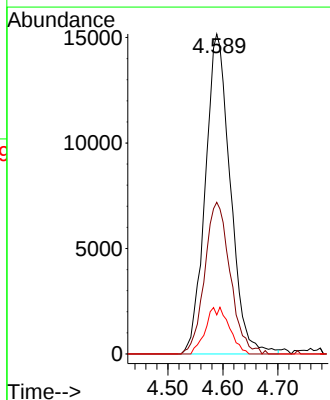
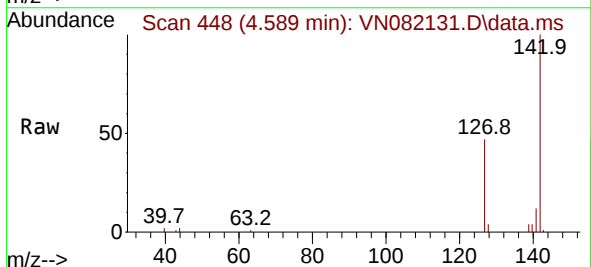
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#10
Methyl Iodide
Concen: 20.124 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN082131.D
Acq: 15 May 2024 14:13

Tgt Ion:142 Resp: 47928
Ion Ratio Lower Upper
142 100
127 47.4 35.8 53.6
141 12.2 11.4 17.2





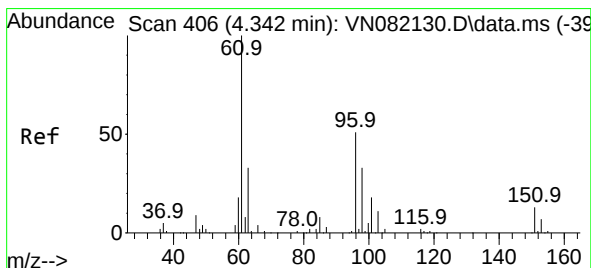
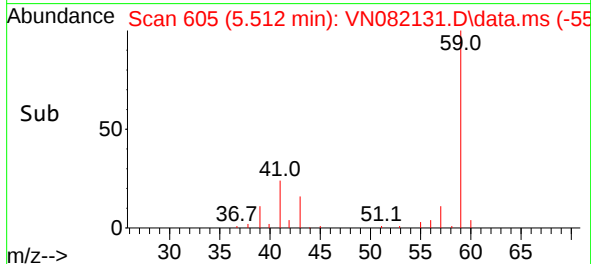
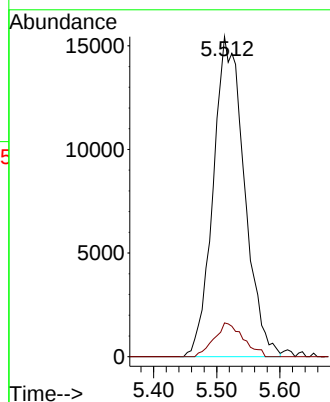
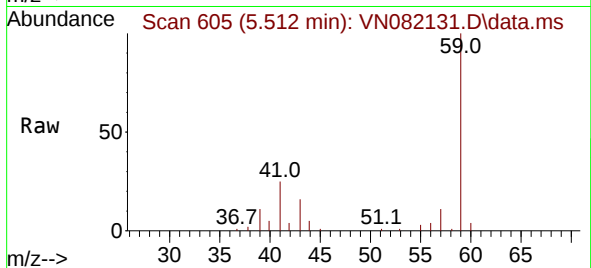
#11
Tert butyl alcohol
Concen: 103.504 ug/l
RT: 5.512 min Scan# 606
Delta R.T. -0.006 min
Lab File: VN082131.D
Acq: 15 May 2024 14:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 59 Resp: 5289
Ion Ratio Lower Upper
59 100
57 9.8 8.9 13.3

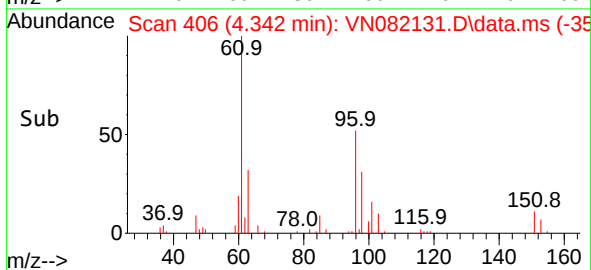
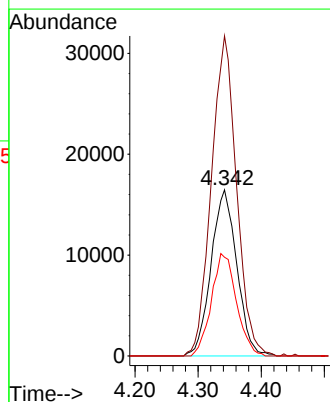
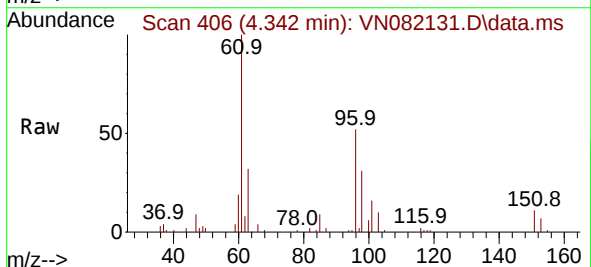
Manual Integrations
APPROVED

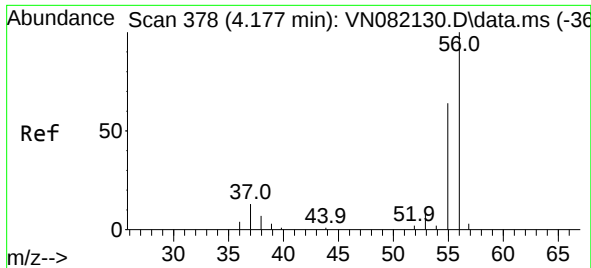
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#12
1,1-Dichloroethene
Concen: 21.202 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN082131.D
Acq: 15 May 2024 14:13

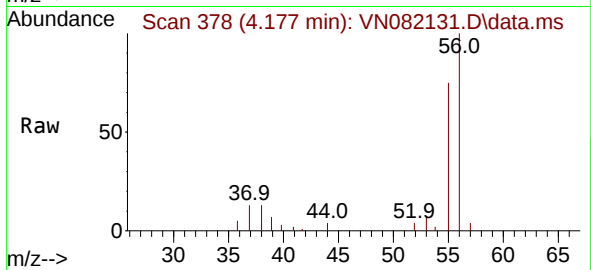
Tgt Ion: 96 Resp: 46688
Ion Ratio Lower Upper
96 100
61 192.6 119.7 179.5#
98 59.4 49.6 74.4





#13
Acrolein
Concen: 101.450 ug/l
RT: 4.177 min Scan# 378
Delta R.T. 0.000 min
Lab File: VN082131.D
Acq: 15 May 2024 14:13

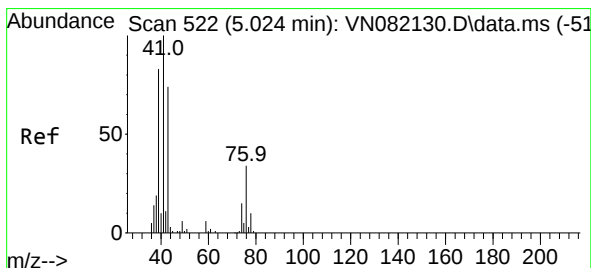
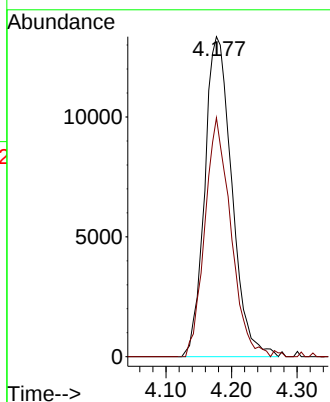
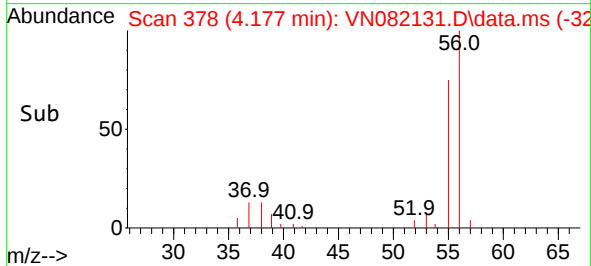
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 56 Resp: 3842
Ion Ratio Lower Upper
56 100
55 71.4 55.8 83.8

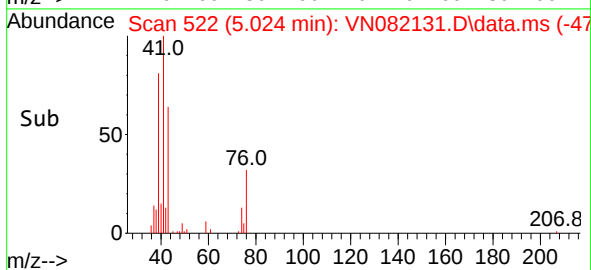
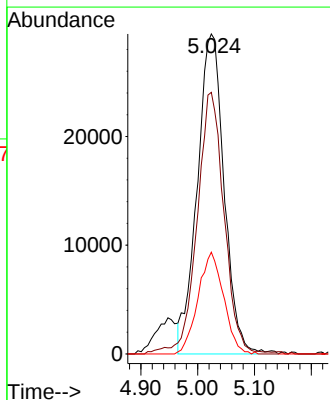
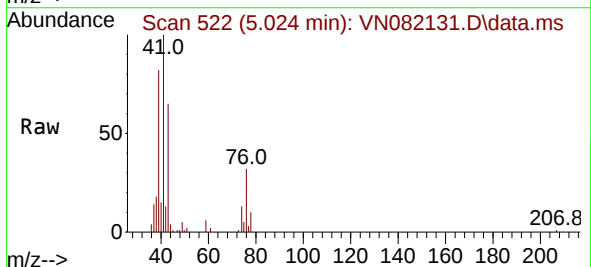
Manual Integrations
APPROVED

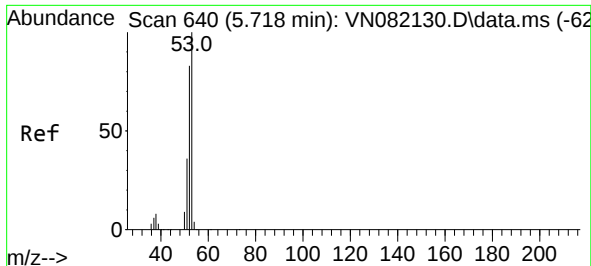
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#14
Allyl chloride
Concen: 20.539 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN082131.D
Acq: 15 May 2024 14:13

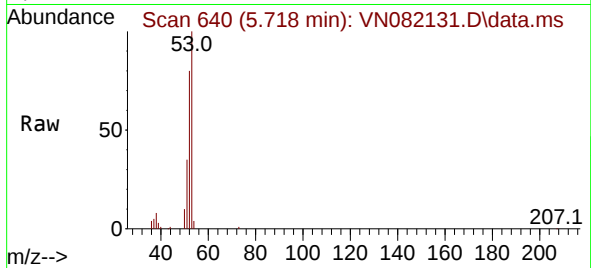
Tgt Ion: 41 Resp: 96831
Ion Ratio Lower Upper
41 100
39 81.8 65.4 98.0
76 30.2 37.3 55.9





#15
Acrylonitrile
Concen: 104.101 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN082131.D
Acq: 15 May 2024 14:13

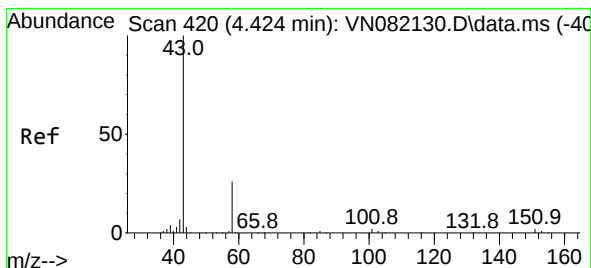
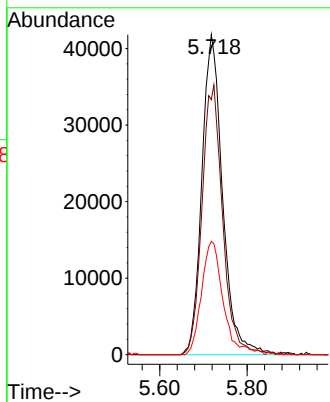
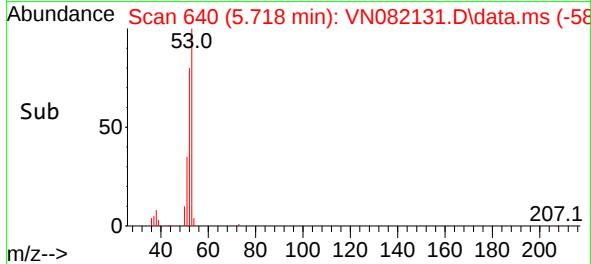
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



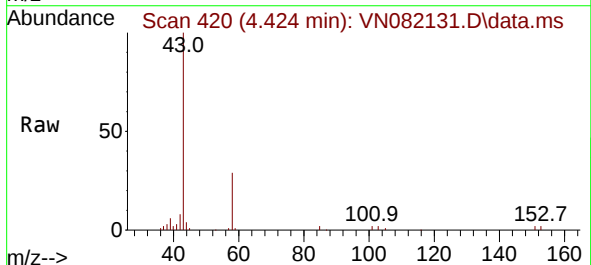
Tgt Ion: 53 Resp: 137788
Ion Ratio Lower Upper
53 100
52 84.0 66.1 99.1
51 37.0 29.4 44.2

Manual Integrations
APPROVED

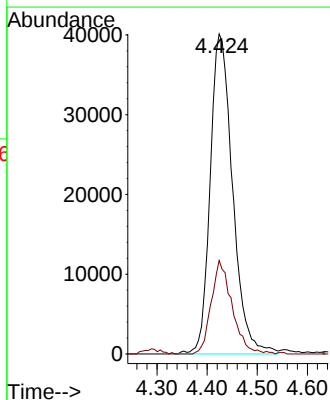
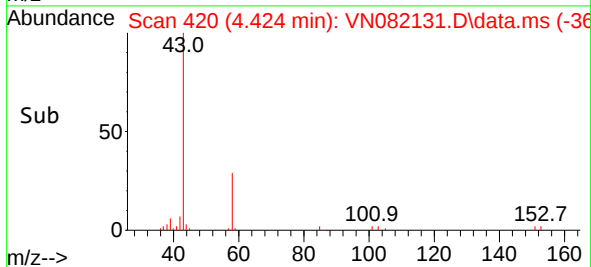
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024

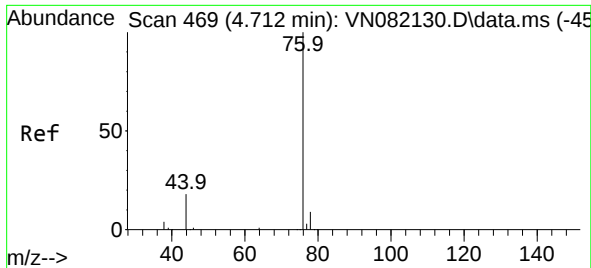


#16
Acetone
Concen: 95.407 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN082131.D
Acq: 15 May 2024 14:13



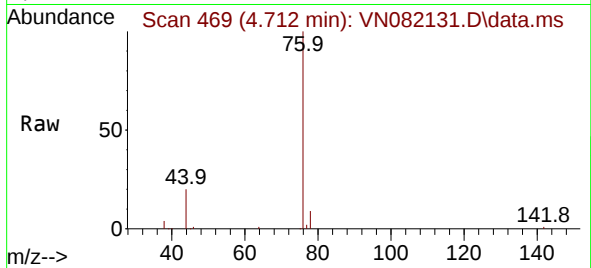
Tgt Ion: 43 Resp: 124605
Ion Ratio Lower Upper
43 100
58 29.2 25.2 37.8





#17
Carbon Disulfide
Concen: 19.673 ug/l
RT: 4.712 min Scan# 40
Delta R.T. 0.000 min
Lab File: VN082131.D
Acq: 15 May 2024 14:13

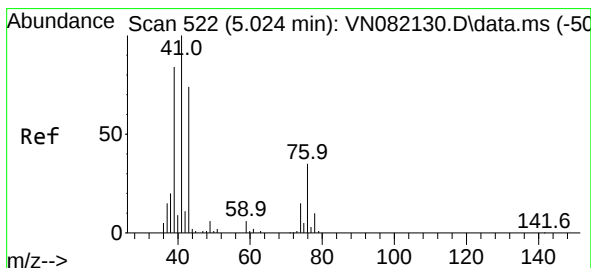
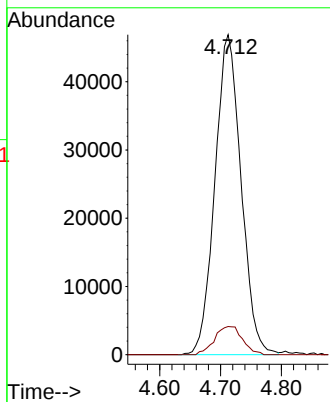
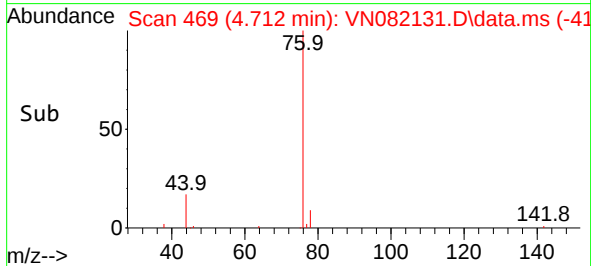
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 76 Resp: 139918
Ion Ratio Lower Upper
76 100
78 8.8 7.5 11.3

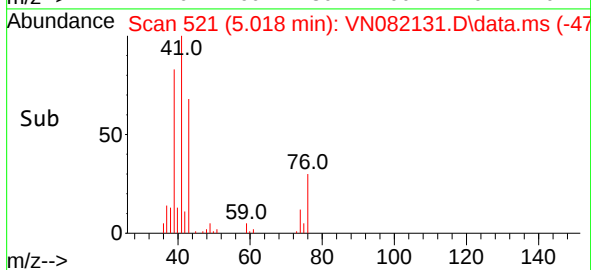
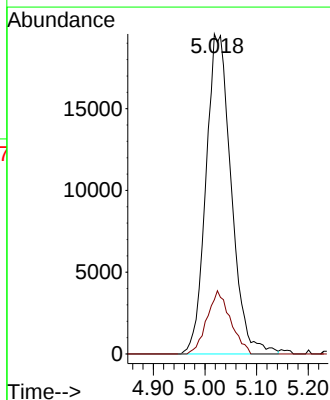
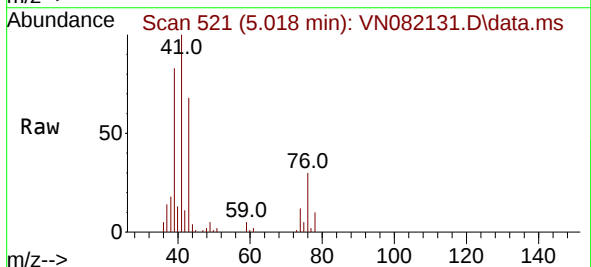
Manual Integrations
APPROVED

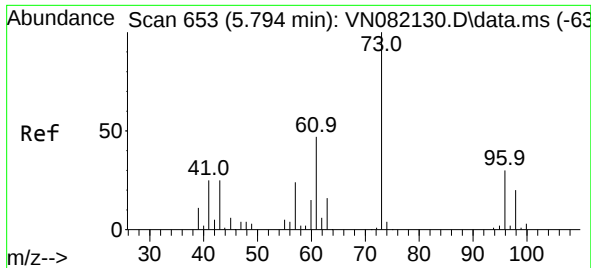
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#18
Methyl Acetate
Concen: 20.420 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN082131.D
Acq: 15 May 2024 14:13

Tgt Ion: 43 Resp: 66416
Ion Ratio Lower Upper
43 100
74 18.4 22.2 33.2#





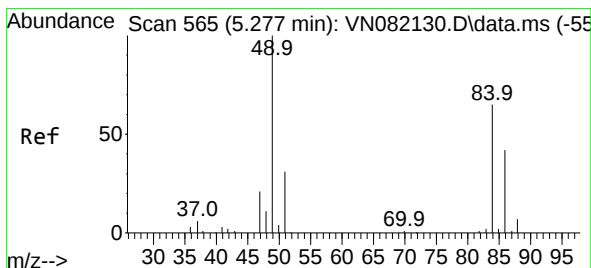
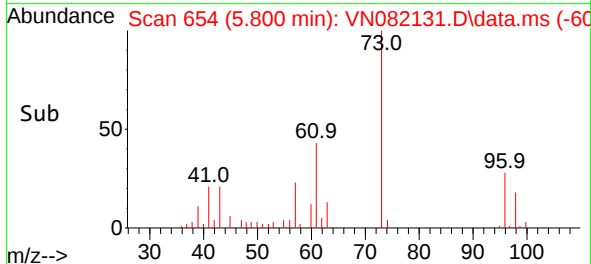
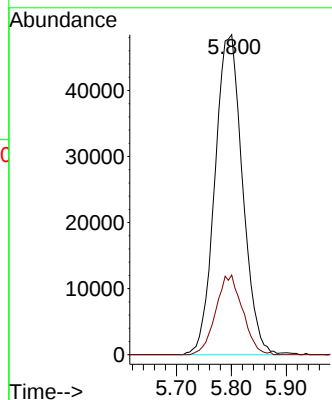
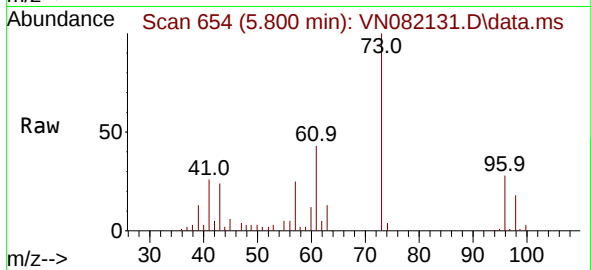
#19
Methyl tert-butyl Ether
Concen: 21.015 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN082131.D
Acq: 15 May 2024 14:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 73 Resp: 169140
Ion Ratio Lower Upper
73 100
57 24.9 16.5 24.7

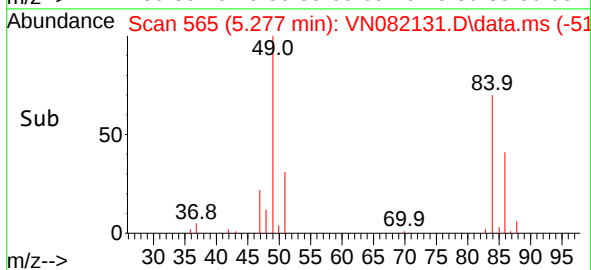
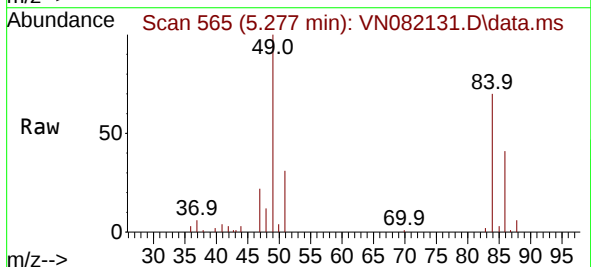
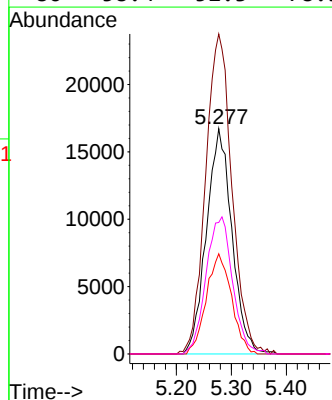
Manual Integrations
APPROVED

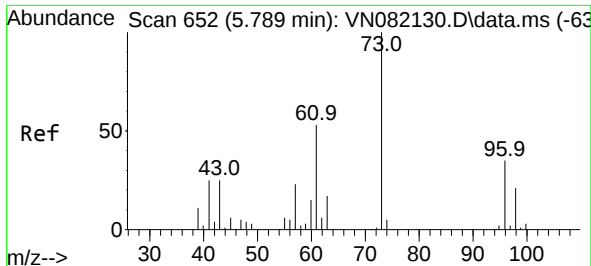
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#20
Methylene Chloride
Concen: 20.483 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.000 min
Lab File: VN082131.D
Acq: 15 May 2024 14:13

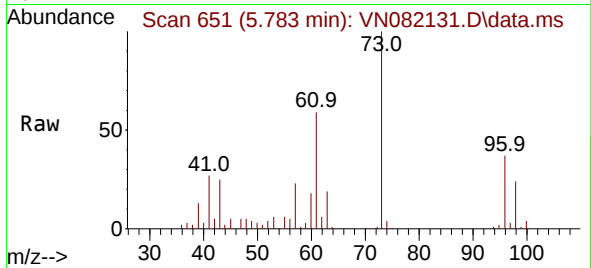
Tgt Ion: 84 Resp: 53974
Ion Ratio Lower Upper
84 100
49 142.1 84.9 127.3#
51 44.4 27.0 40.6#
86 58.4 52.3 78.5





#21
trans-1,2-Dichloroethene
Concen: 20.503 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.006 min
Lab File: VN082131.D
Acq: 15 May 2024 14:13

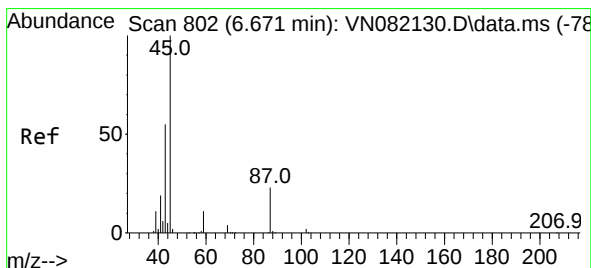
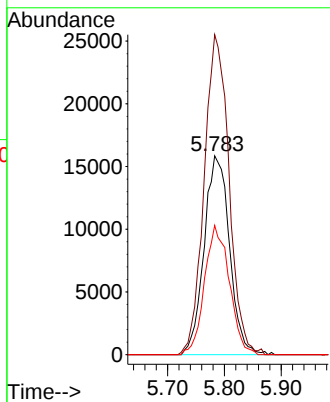
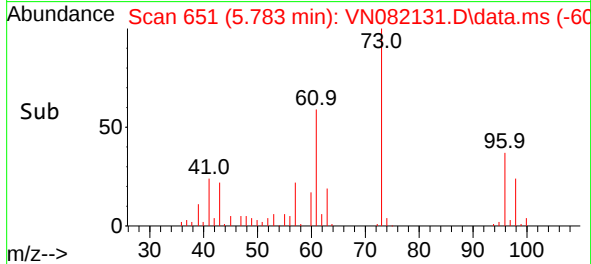
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 96 Resp: 49200
Ion Ratio Lower Upper
96 100
61 160.9 96.5 144.7
98 65.0 51.3 76.9

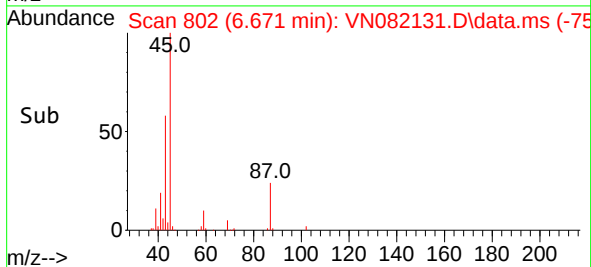
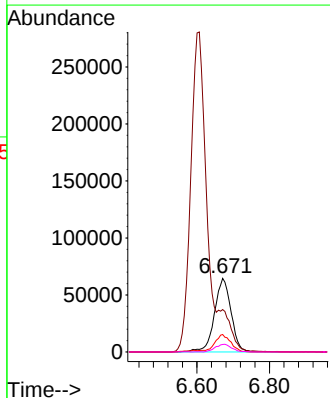
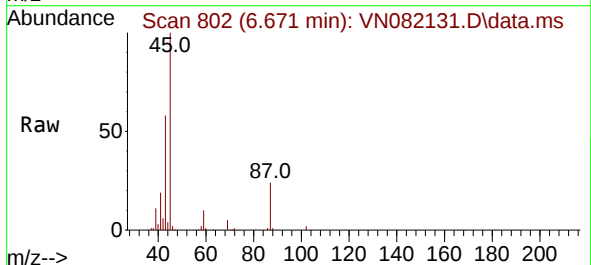
Manual Integrations
APPROVED

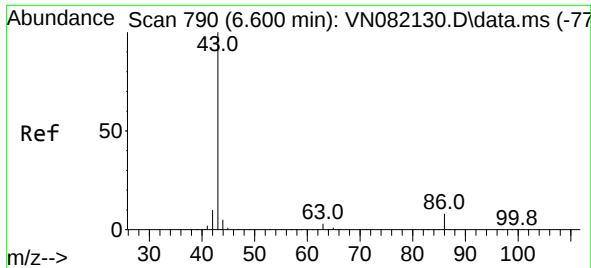
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#22
Diisopropyl ether
Concen: 20.865 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN082131.D
Acq: 15 May 2024 14:13

Tgt Ion: 45 Resp: 205411
Ion Ratio Lower Upper
45 100
43 57.1 44.1 66.1
87 23.8 27.0 40.6
59 10.2 9.6 14.4





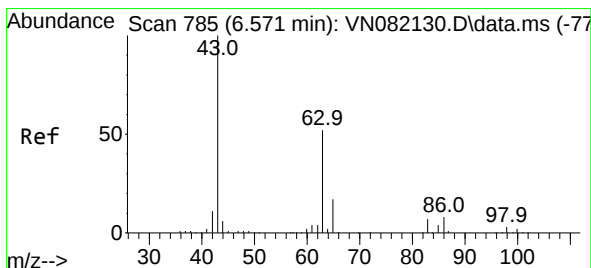
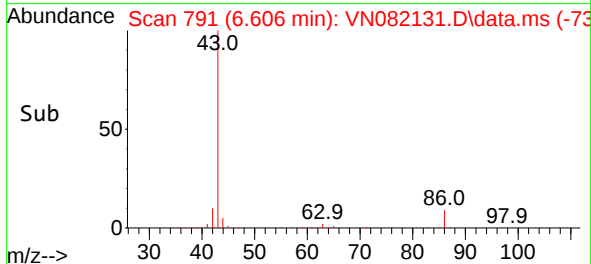
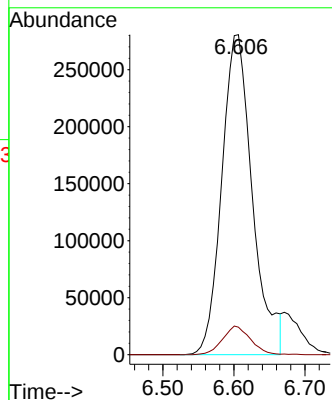
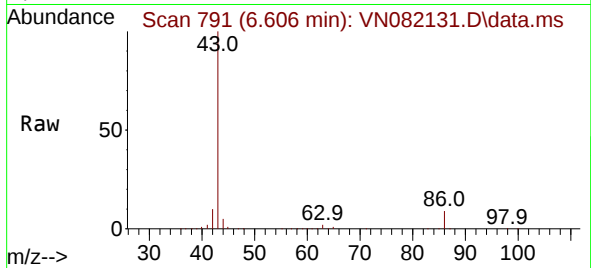
#23
 Vinyl Acetate
 Concen: 108.401 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN082131.D
 Acq: 15 May 2024 14:13

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC020

Tgt Ion: 43 Resp: 841380
 Ion Ratio Lower Upper
 43 100
 86 8.6 10.2 15.4

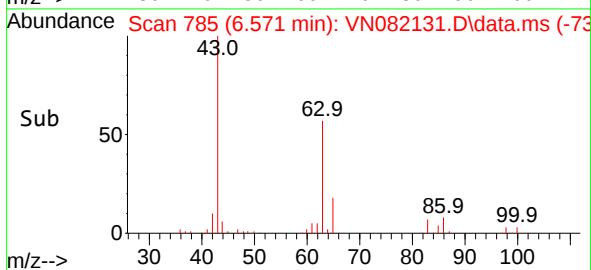
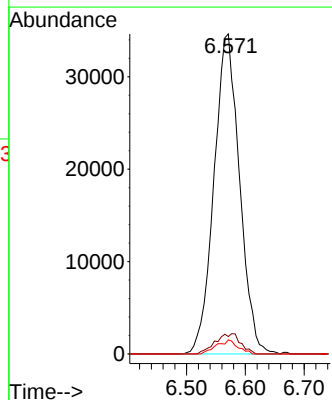
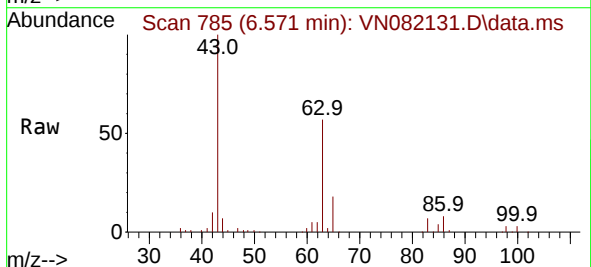
Manual Integrations
 APPROVED

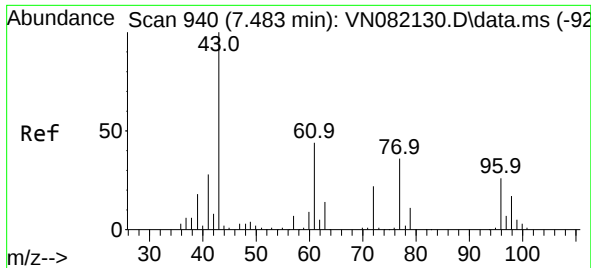
Reviewed By :John Carlone 05/16/2024
 Supervised By :Mahesh Dadoda 05/16/2024



#24
 1,1-Dichloroethane
 Concen: 20.647 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.000 min
 Lab File: VN082131.D
 Acq: 15 May 2024 14:13

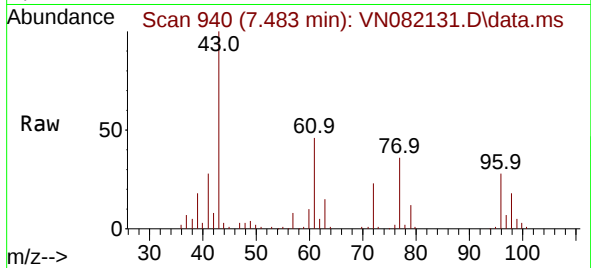
Tgt Ion: 63 Resp: 104766
 Ion Ratio Lower Upper
 63 100
 98 5.5 3.6 10.9
 100 4.4 2.6 7.8





#25
2-Butanone
Concen: 101.326 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN082131.D
Acq: 15 May 2024 14:13

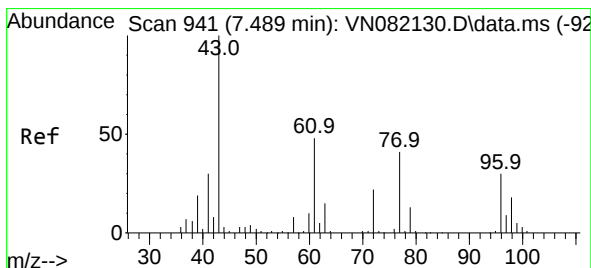
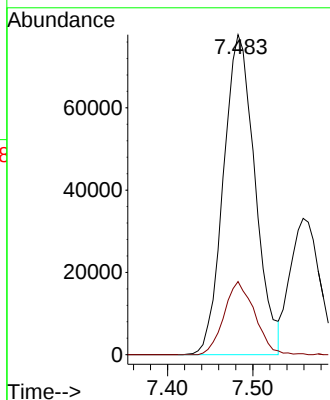
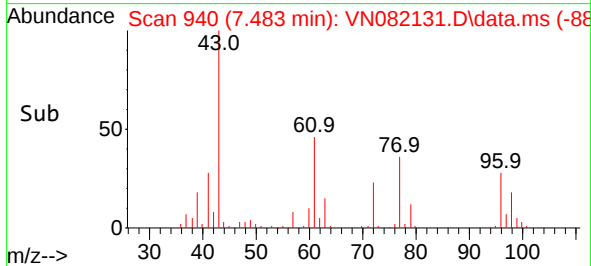
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



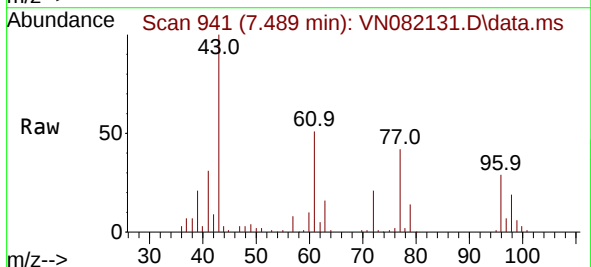
Tgt Ion: 43 Resp: 20064
Ion Ratio Lower Upper
43 100
72 22.9 25.3 37.9

Manual Integrations
APPROVED

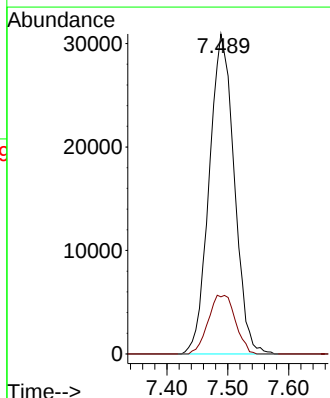
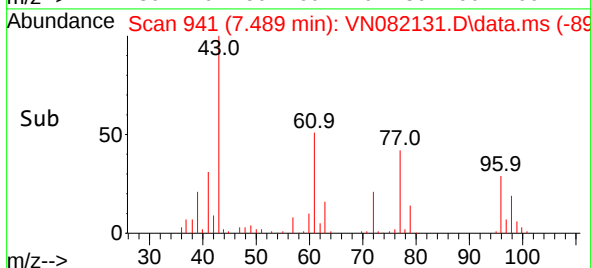
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024

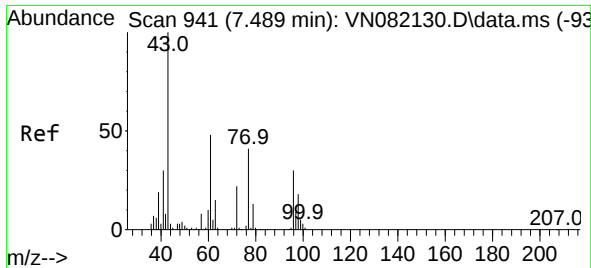


#26
2,2-Dichloropropane
Concen: 20.788 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN082131.D
Acq: 15 May 2024 14:13



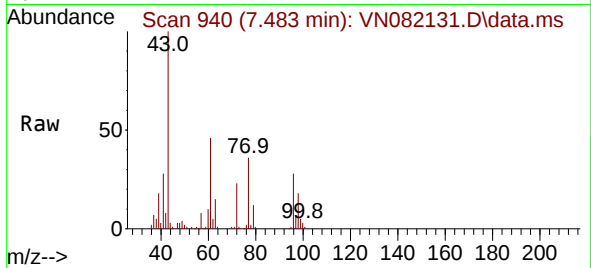
Tgt Ion: 77 Resp: 88351
Ion Ratio Lower Upper
77 100
97 19.9 11.3 33.9





#27
 cis-1,2-Dichloroethene
 Concen: 20.684 ug/l
 RT: 7.483 min Scan# 941
 Delta R.T. -0.006 min
 Lab File: VN082131.D
 Acq: 15 May 2024 14:13

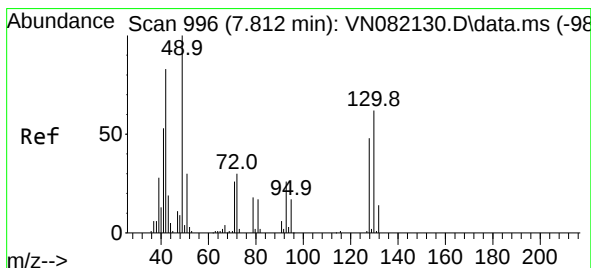
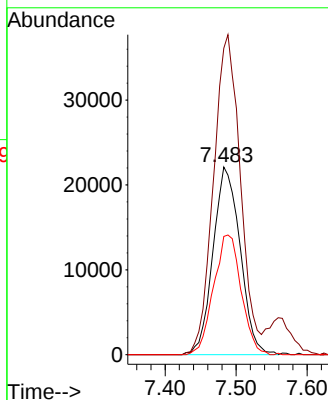
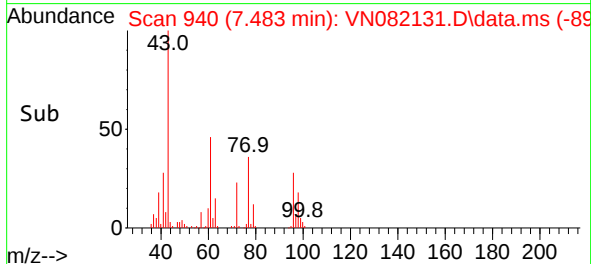
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC020



Tgt Ion: 96 Resp: 5857
 Ion Ratio Lower Upper
 96 100
 61 169.1 0.0 268.0
 98 64.9 0.0 126.8

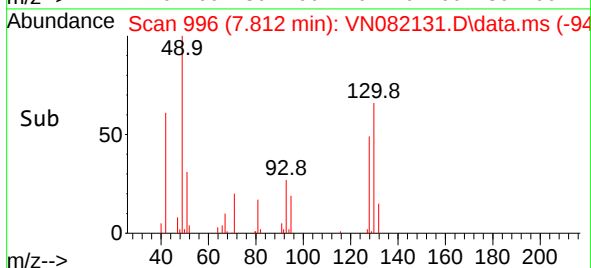
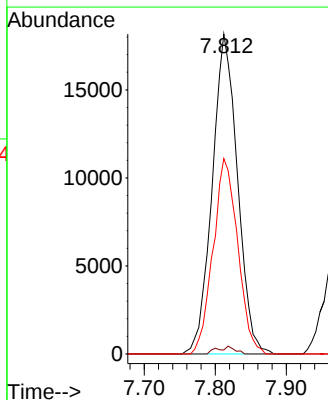
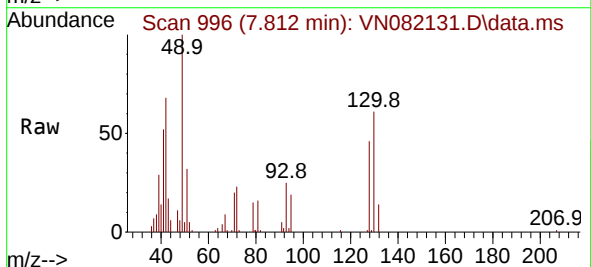
Manual Integrations
 APPROVED

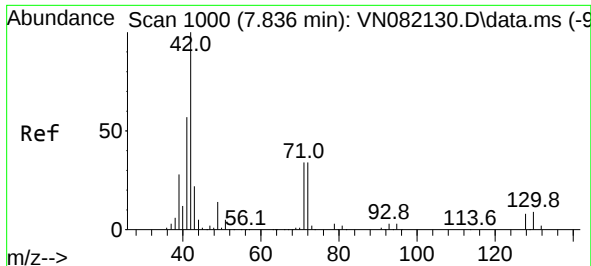
Reviewed By :John Carlone 05/16/2024
 Supervised By :Mahesh Dadoda 05/16/2024



#28
 Bromochloromethane
 Concen: 19.742 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN082131.D
 Acq: 15 May 2024 14:13

Tgt Ion: 49 Resp: 44878
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 4.6
 130 59.5 66.7 100.1#





#29

Tetrahydrofuran

Concen: 104.127 ug/l

RT: 7.841 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN082131.D

Acq: 15 May 2024 14:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion: 42 Resp: 132384

Ion Ratio Lower Upper

42 100

72 35.4 39.3 58.9

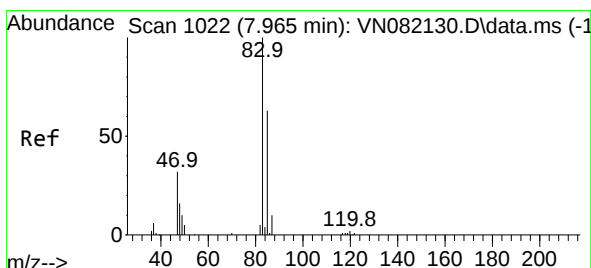
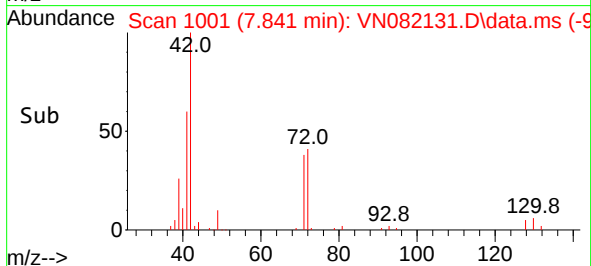
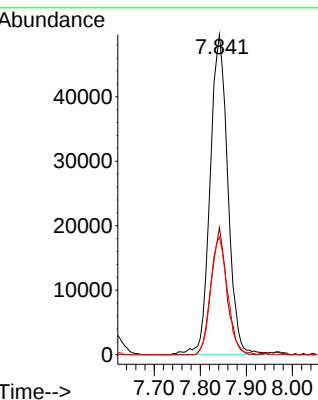
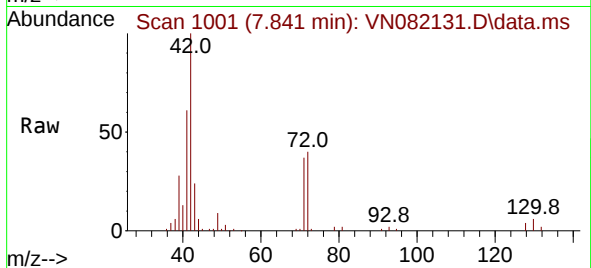
71 34.6 37.4 56.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2024

Supervised By :Mahesh Dadoda 05/16/2024



#30

Chloroform

Concen: 20.724 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VN082131.D

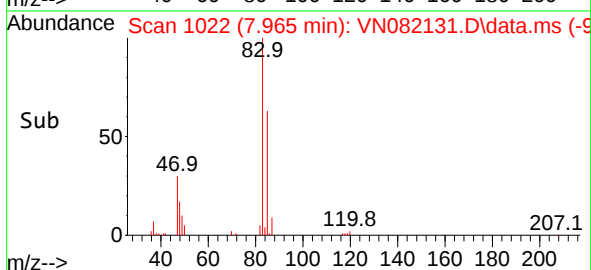
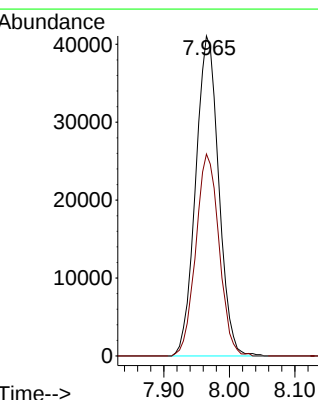
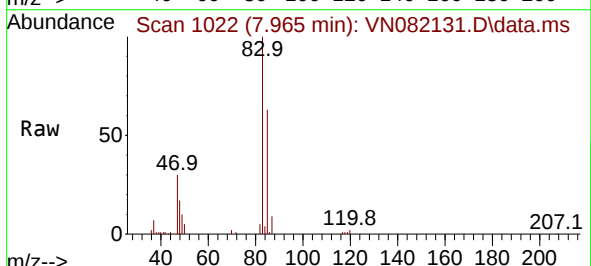
Acq: 15 May 2024 14:13

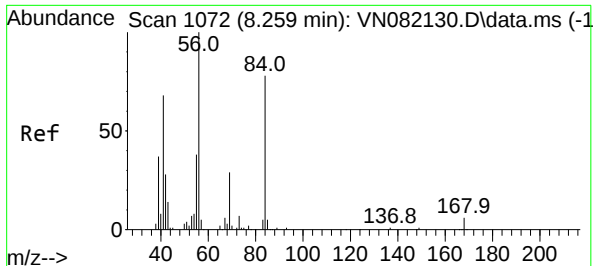
Tgt Ion: 83 Resp: 100418

Ion Ratio Lower Upper

83 100

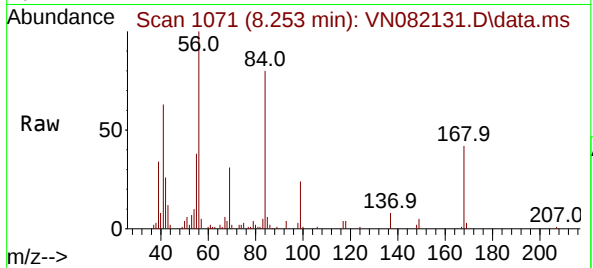
85 63.1 50.7 76.1





#31
Cyclohexane
Concen: 19.836 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.006 min
Lab File: VN082131.D
Acq: 15 May 2024 14:13

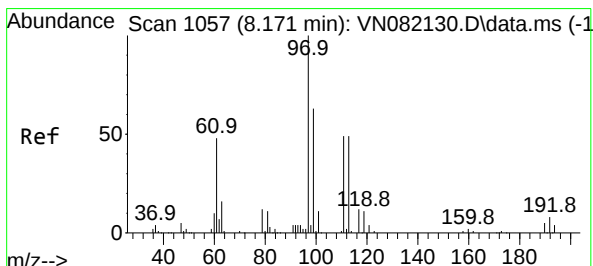
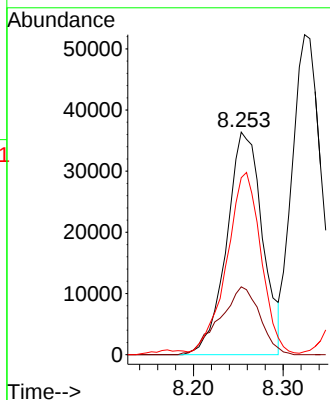
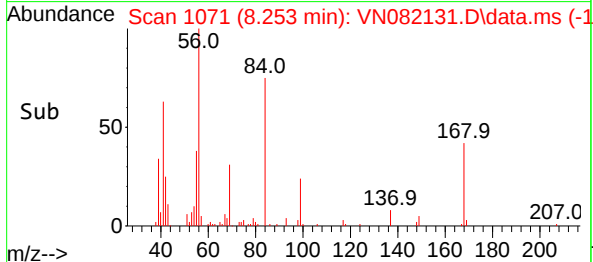
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 56 Resp: 10086
Ion Ratio Lower Upper
56 100
69 30.5 24.4 36.6
84 77.7 77.0 115.4

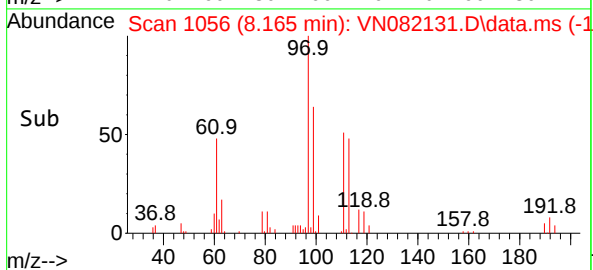
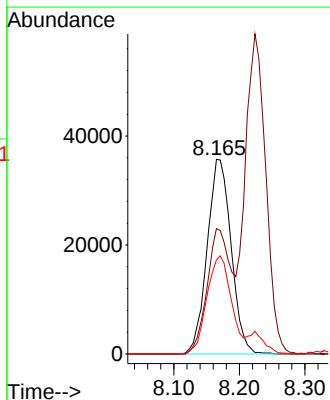
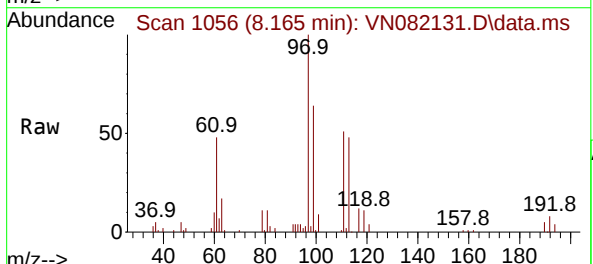
Manual Integrations
APPROVED

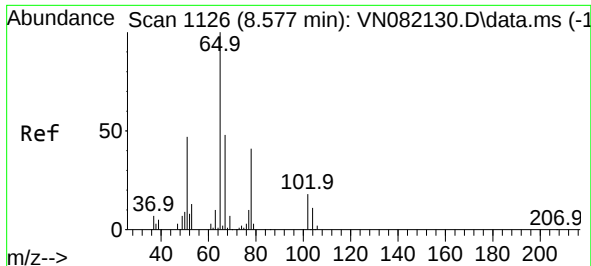
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#32
1,1,1-Trichloroethane
Concen: 21.102 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN082131.D
Acq: 15 May 2024 14:13

Tgt Ion: 97 Resp: 90712
Ion Ratio Lower Upper
97 100
99 64.9 50.3 75.5
61 51.2 36.6 55.0





#33

1,2-Dichloroethane-d4

Concen: 19.194 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN082131.D

Acq: 15 May 2024 14:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion: 65 Resp: 61109

Ion Ratio Lower Upper

65 100

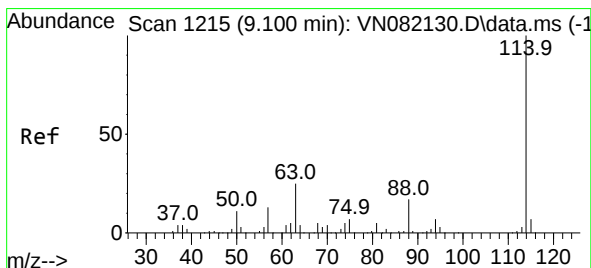
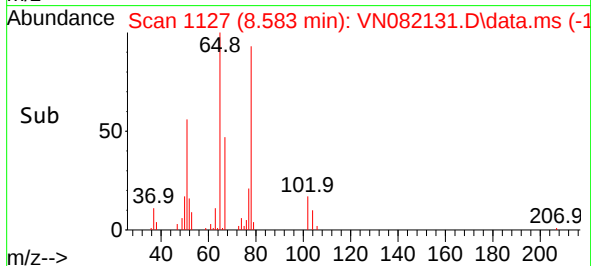
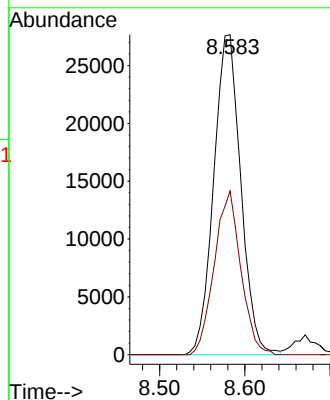
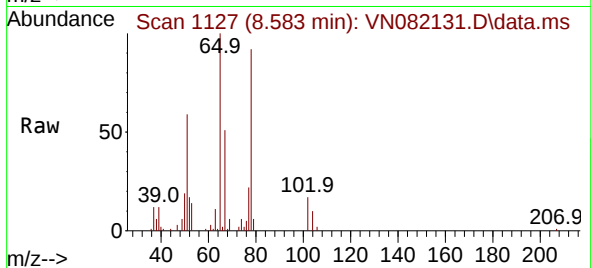
67 50.0 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2024

Supervised By :Mahesh Dadoda 05/16/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VN082131.D

Acq: 15 May 2024 14:13

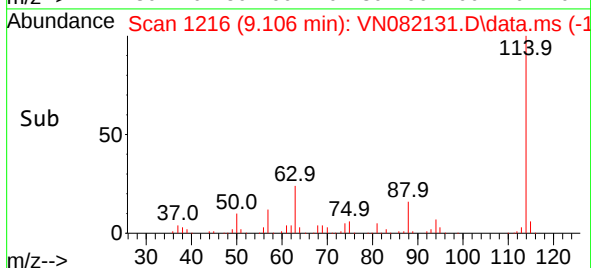
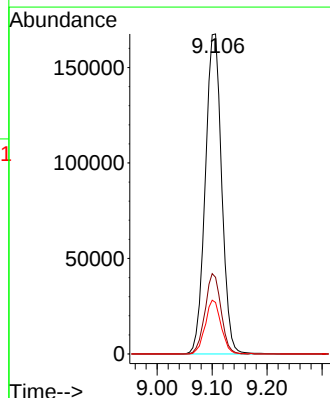
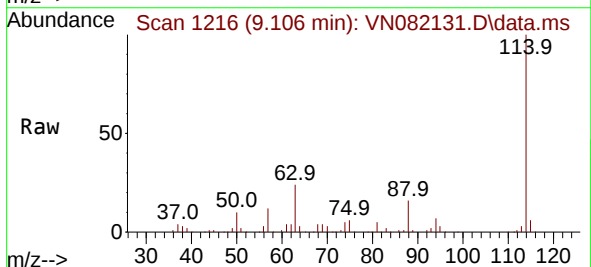
Tgt Ion:114 Resp: 346705

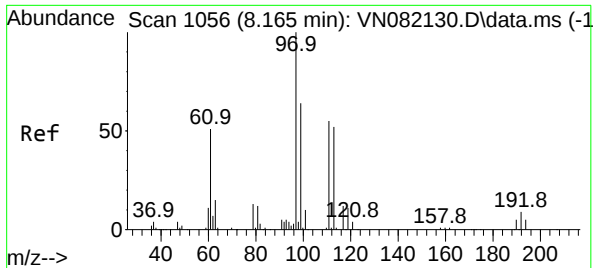
Ion Ratio Lower Upper

114 100

63 24.0 0.0 41.0

88 16.1 0.0 31.4





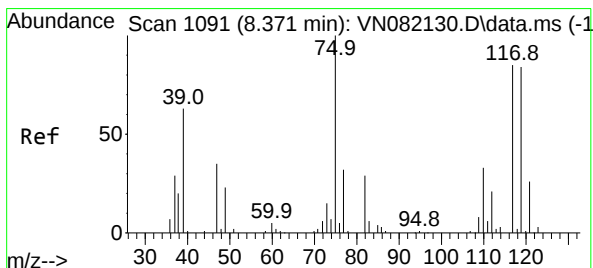
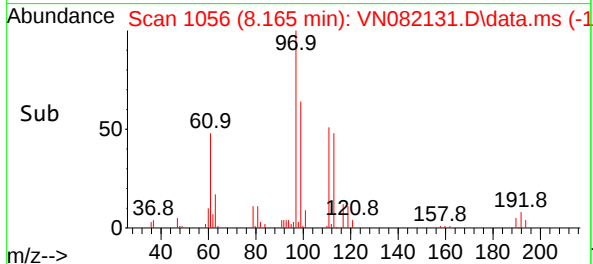
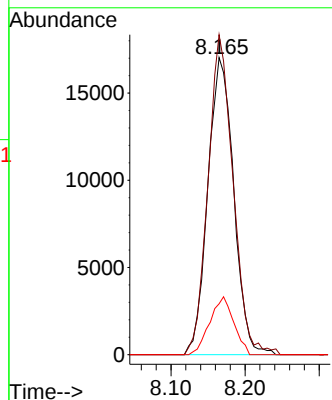
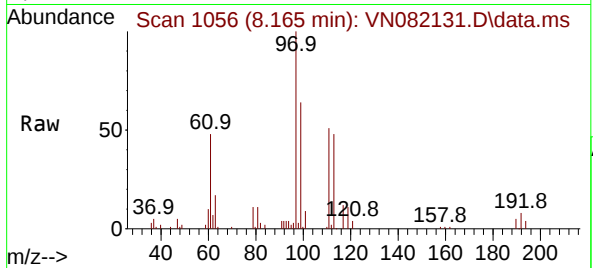
#35
Dibromofluoromethane
Concen: 19.373 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN082131.D
Acq: 15 May 2024 14:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:113 Resp: 41318
Ion Ratio Lower Upper
113 100
111 104.0 83.4 125.2
192 18.1 14.0 21.0

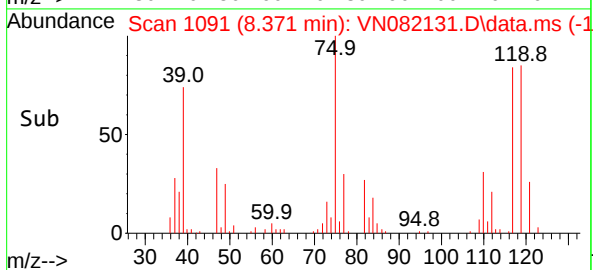
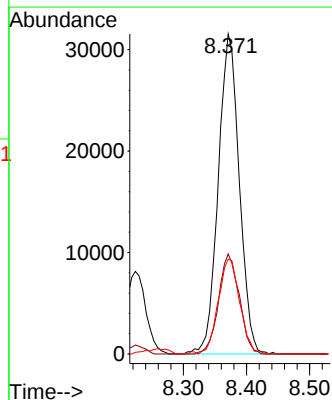
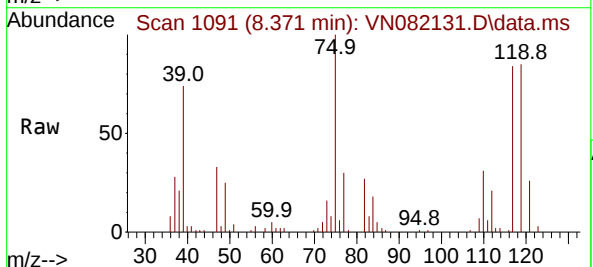
Manual Integrations
APPROVED

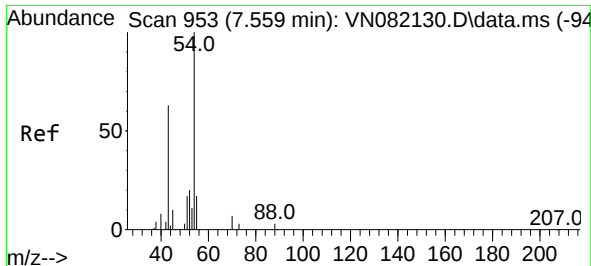
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#36
1,1-Dichloropropene
Concen: 20.402 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN082131.D
Acq: 15 May 2024 14:13

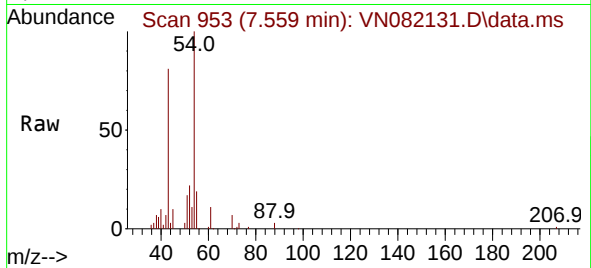
Tgt Ion: 75 Resp: 72978
Ion Ratio Lower Upper
75 100
110 30.7 17.8 53.5
77 30.4 25.0 37.4





#37
Ethyl Acetate
Concen: 20.749 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN082131.D
Acq: 15 May 2024 14:13

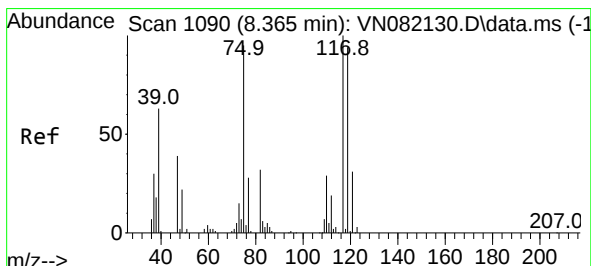
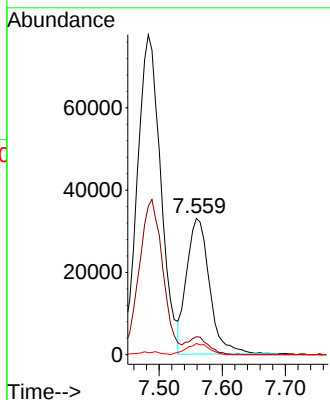
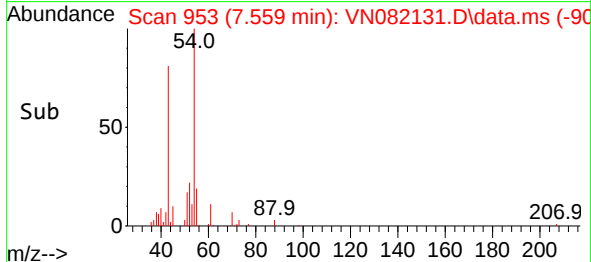
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 43 Resp: 83060
Ion Ratio Lower Upper
43 100
61 12.2 11.3 16.9
70 8.0 8.7 13.1

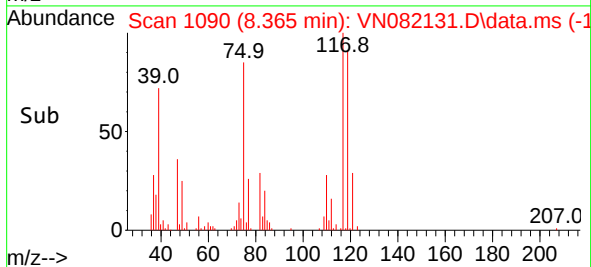
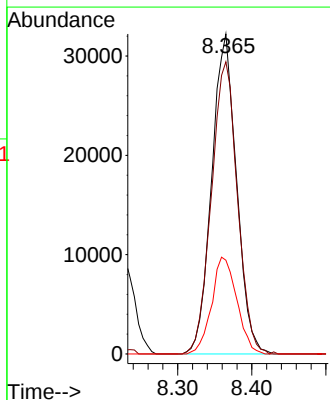
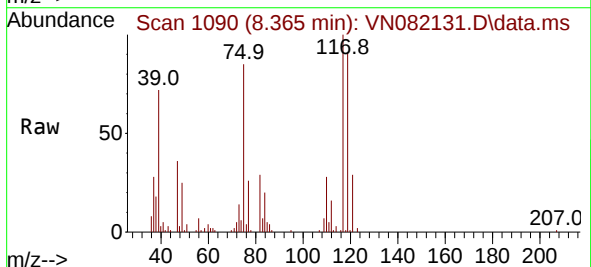
Manual Integrations
APPROVED

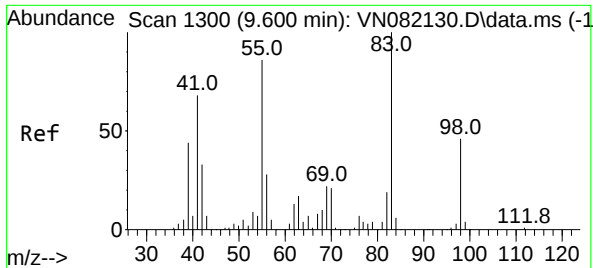
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#38
Carbon Tetrachloride
Concen: 20.666 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VN082131.D
Acq: 15 May 2024 14:13

Tgt Ion:117 Resp: 74935
Ion Ratio Lower Upper
117 100
119 91.3 76.5 114.7
121 29.3 23.9 35.9





#39

Methylcyclohexane

Concen: 20.541 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. 0.000 min

Lab File: VN082131.D

Acq: 15 May 2024 14:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 83 Resp: 80540

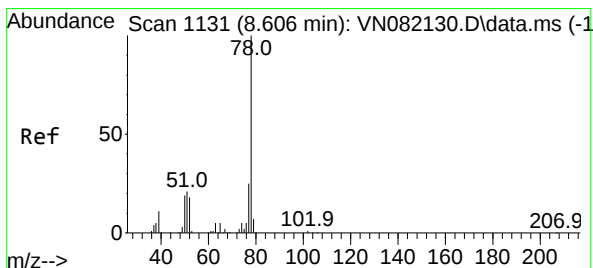
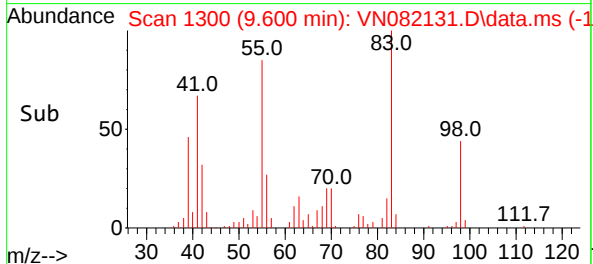
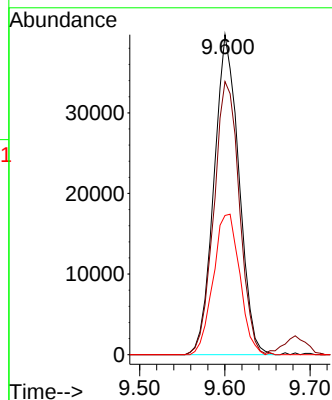
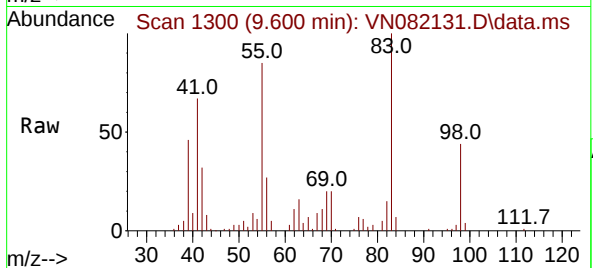
Ion	Ratio	Lower	Upper
83	100		
55	85.3	53.0	79.6
98	43.5	37.1	55.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2024

Supervised By :Mahesh Dadoda 05/16/2024



#40

Benzene

Concen: 20.795 ug/l

RT: 8.606 min Scan# 1131

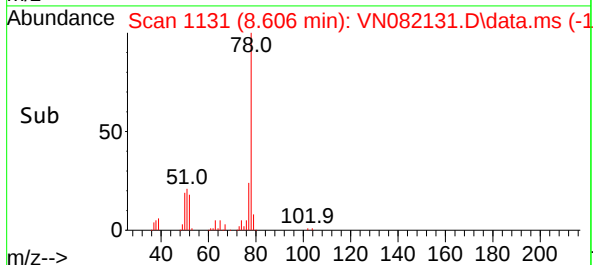
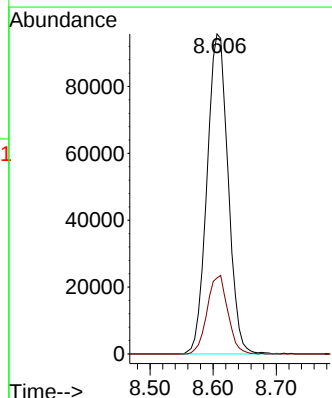
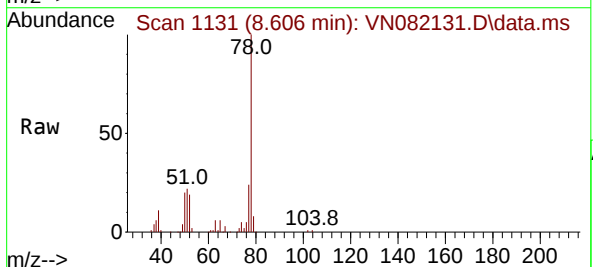
Delta R.T. 0.000 min

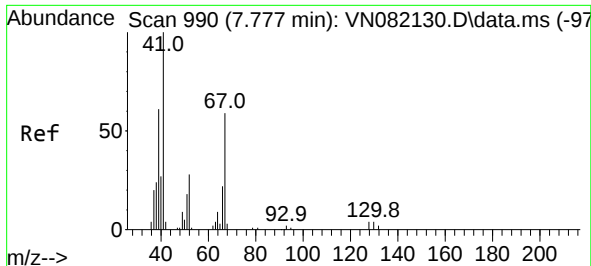
Lab File: VN082131.D

Acq: 15 May 2024 14:13

Tgt Ion: 78 Resp: 221807

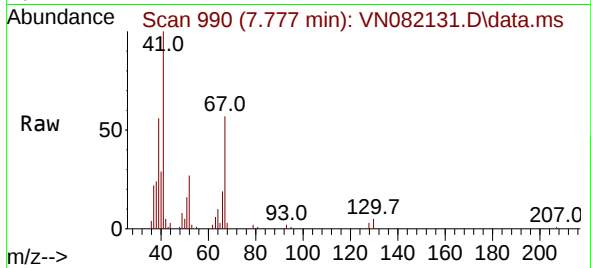
Ion	Ratio	Lower	Upper
78	100		
77	23.8	20.0	30.0





#41
Methacrylonitrile
Concen: 19.677 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN082131.D
Acq: 15 May 2024 14:13

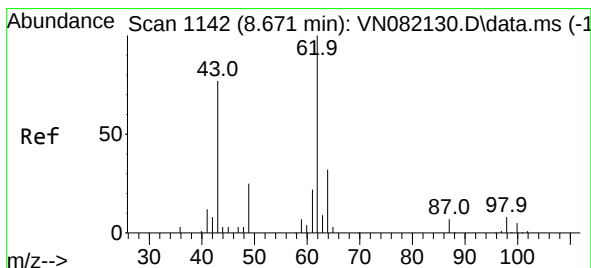
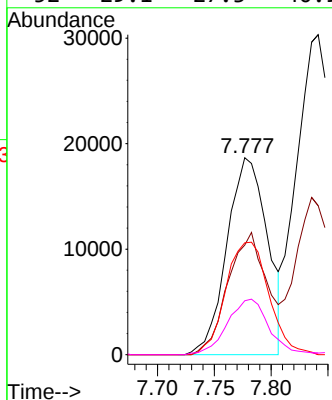
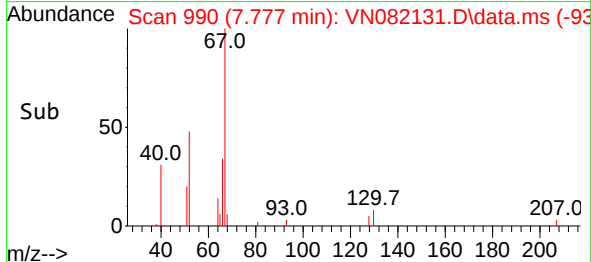
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 41 Resp: 46329
Ion Ratio Lower Upper
41 100
39 59.8 46.6 69.8
67 60.7 67.3 100.9
52 29.1 27.3 40.9

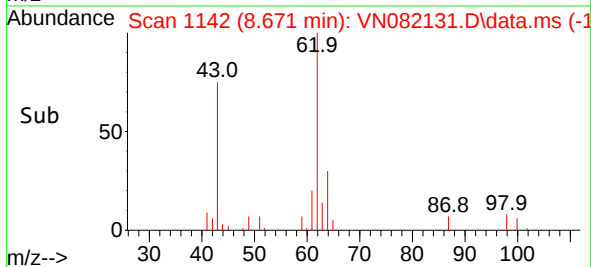
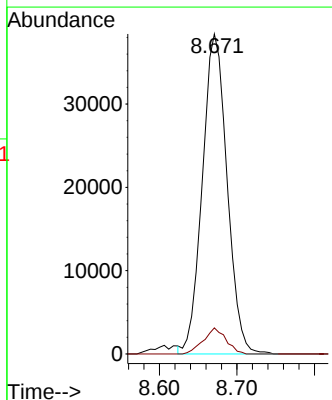
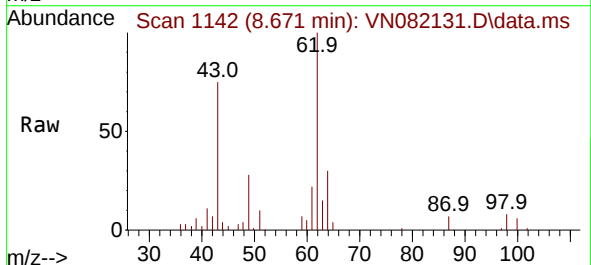
Manual Integrations
APPROVED

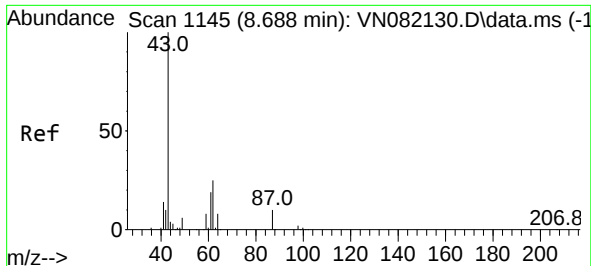
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#42
1,2-Dichloroethane
Concen: 20.766 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN082131.D
Acq: 15 May 2024 14:13

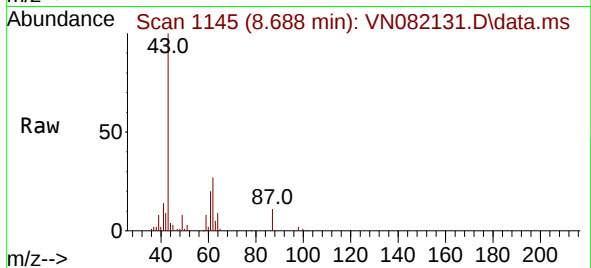
Tgt Ion: 62 Resp: 85192
Ion Ratio Lower Upper
62 100
98 7.4 0.0 19.6





#43
Isopropyl Acetate
Concen: 20.794 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN082131.D
Acq: 15 May 2024 14:13

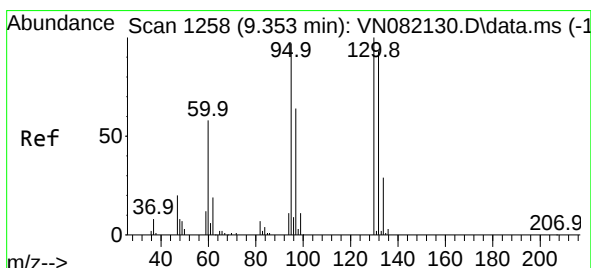
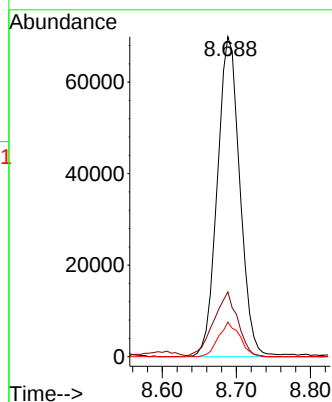
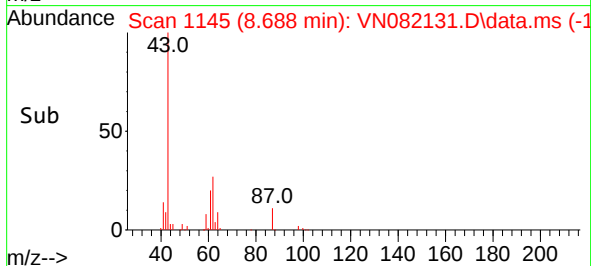
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 43 Resp: 147499
Ion Ratio Lower Upper
43 100
61 21.7 22.8 34.2
87 10.2 12.0 18.0

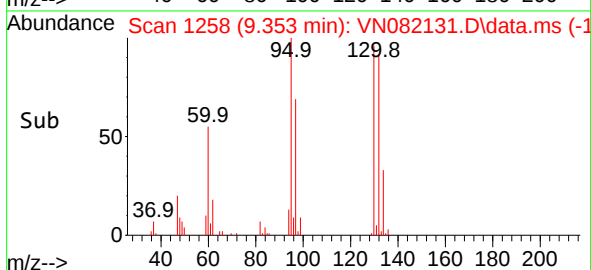
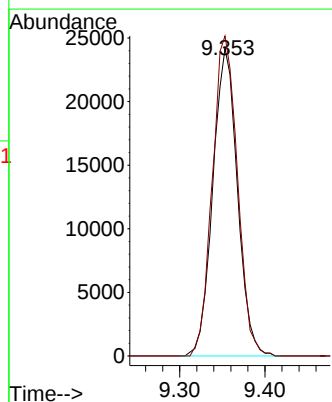
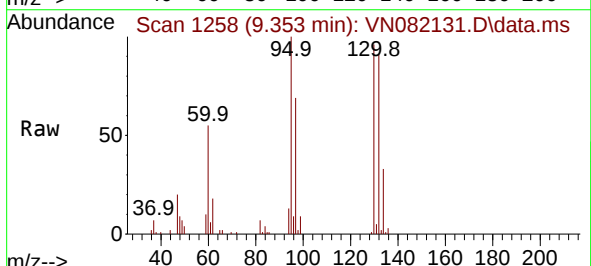
Manual Integrations
APPROVED

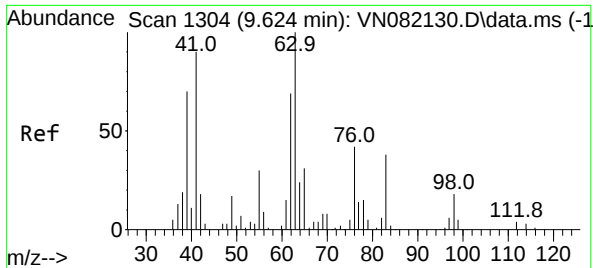
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#44
Trichloroethene
Concen: 20.020 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN082131.D
Acq: 15 May 2024 14:13

Tgt Ion:130 Resp: 48507
Ion Ratio Lower Upper
130 100
95 104.1 0.0 195.4





#45

1,2-Dichloropropane

Concen: 20.721 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN082131.D

Acq: 15 May 2024 14:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 63 Resp: 5702

Ion Ratio Lower Upper

63 100

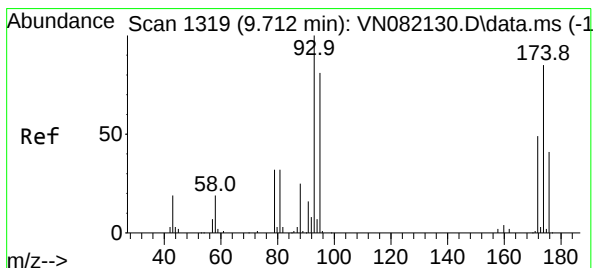
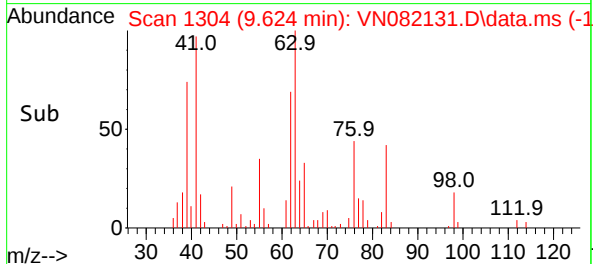
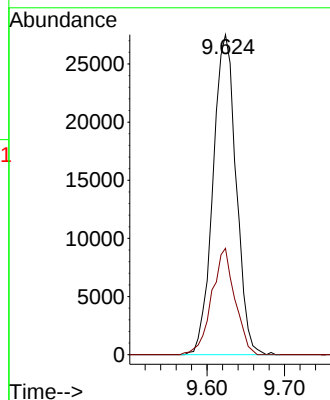
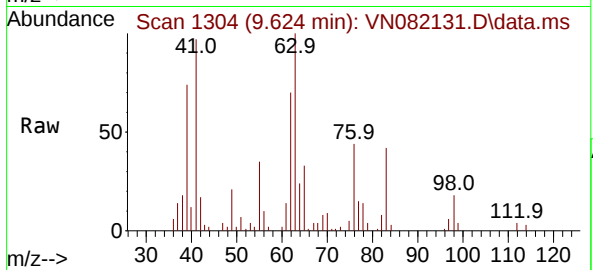
65 33.2 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2024

Supervised By :Mahesh Dadoda 05/16/2024



#46

Dibromomethane

Concen: 20.569 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN082131.D

Acq: 15 May 2024 14:13

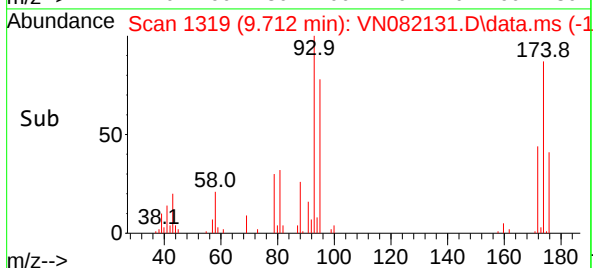
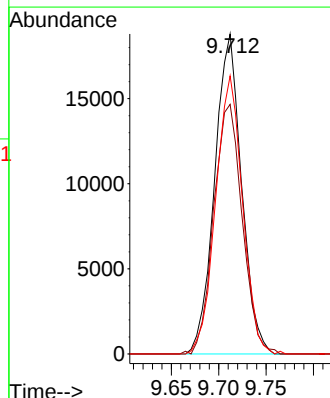
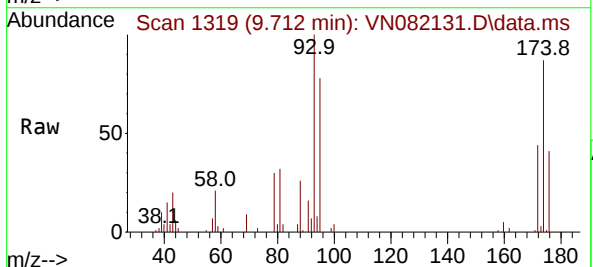
Tgt Ion: 93 Resp: 37165

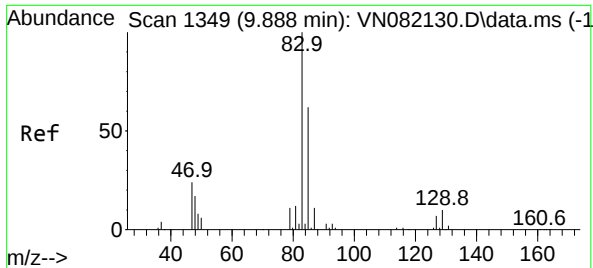
Ion Ratio Lower Upper

93 100

95 82.6 64.8 97.2

174 87.0 73.4 110.0





#47

Bromodichloromethane

Concen: 20.975 ug/l

RT: 9.888 min Scan# 1349

Delta R.T. 0.000 min

Lab File: VN082131.D

Acq: 15 May 2024 14:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

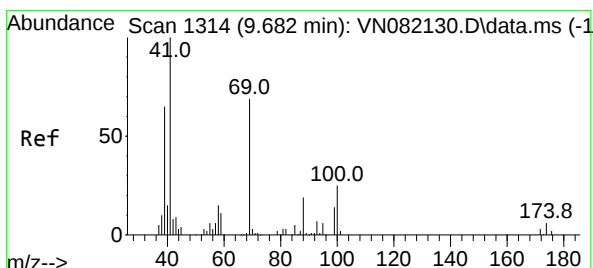
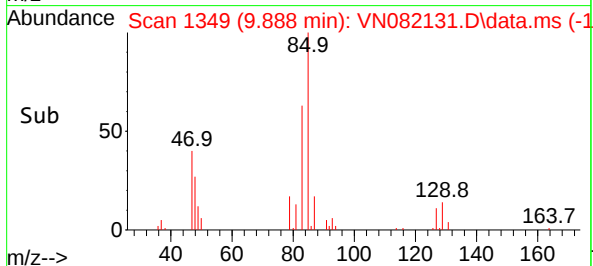
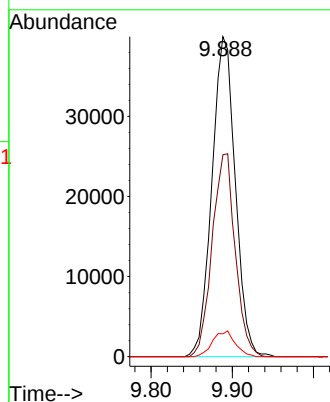
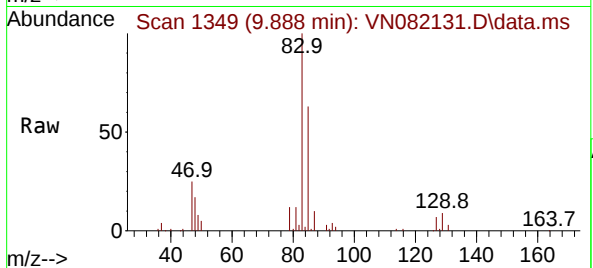
Tgt Ion:	83	Resp:	80000
Ion Ratio	Lower	Upper	
83	100		
85	63.1	51.9	77.9
127	7.1	7.5	11.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2024

Supervised By :Mahesh Dadoda 05/16/2024



#48

Methyl methacrylate

Concen: 20.327 ug/l

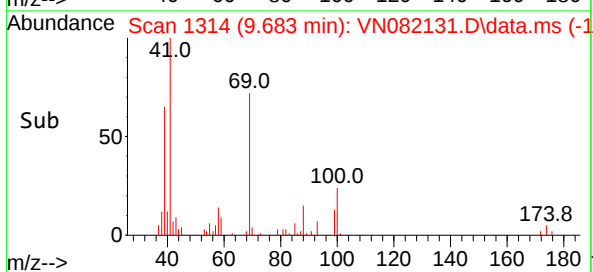
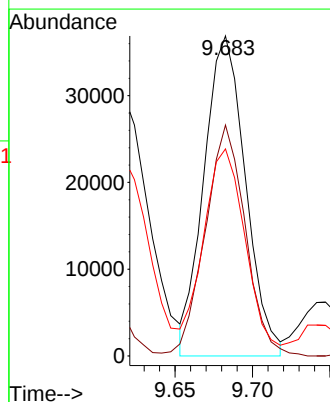
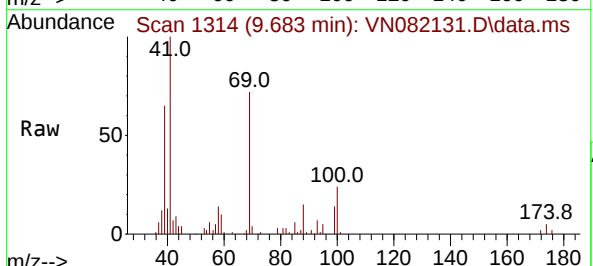
RT: 9.683 min Scan# 1314

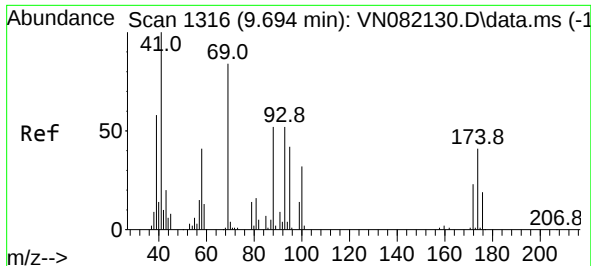
Delta R.T. 0.000 min

Lab File: VN082131.D

Acq: 15 May 2024 14:13

Tgt Ion:	41	Resp:	68702
Ion Ratio	Lower	Upper	
41	100		
69	69.8	77.9	116.9
39	65.8	50.9	76.3





#49

1,4-Dioxane

Concen: 414.109 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.000 min

Lab File: VN082131.D

Acq: 15 May 2024 14:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

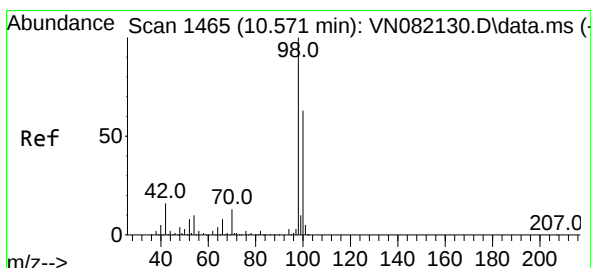
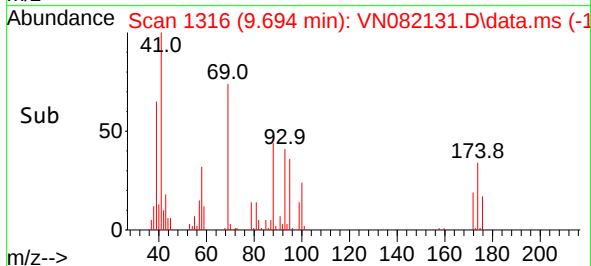
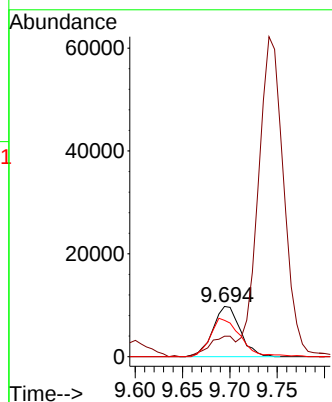
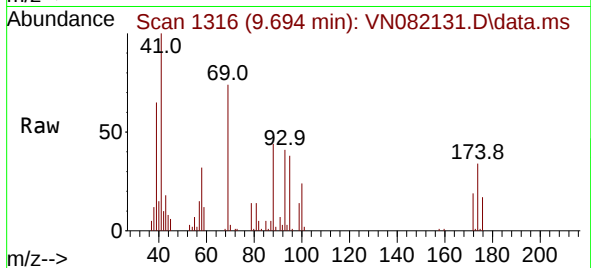
Tgt Ion:	88	Resp:	1961
Ion Ratio	Lower	Upper	
88	100		
43	38.3	19.0	28.6
58	83.7	50.6	76.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2024

Supervised By :Mahesh Dadoda 05/16/2024



#50

Toluene-d8

Concen: 18.828 ug/l

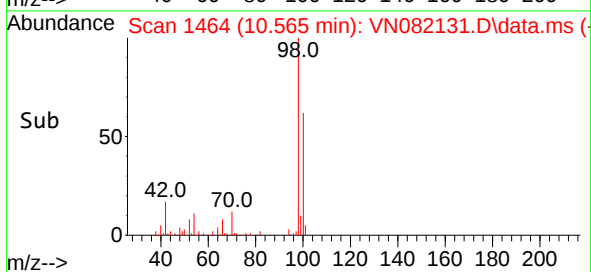
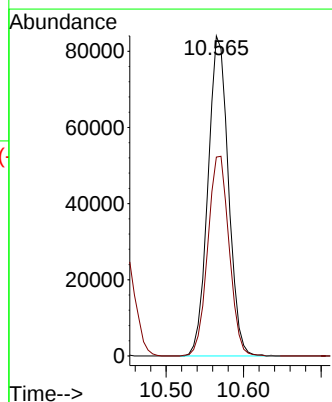
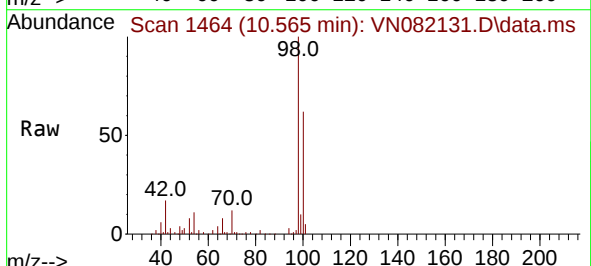
RT: 10.565 min Scan# 1464

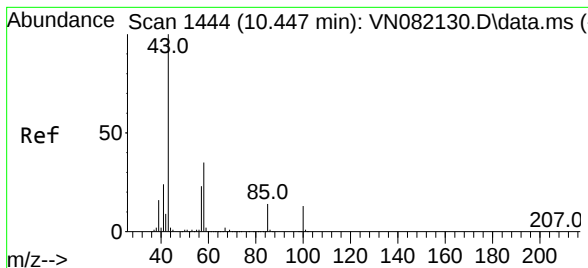
Delta R.T. -0.006 min

Lab File: VN082131.D

Acq: 15 May 2024 14:13

Tgt Ion:	98	Resp:	153956
Ion Ratio	Lower	Upper	
98	100		
100	65.3	51.8	77.6





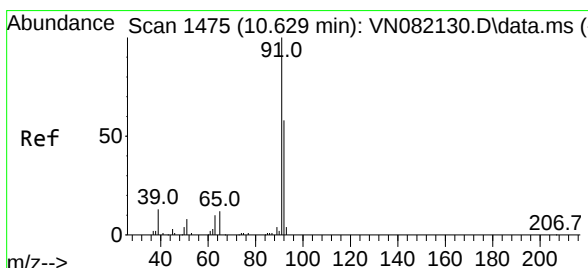
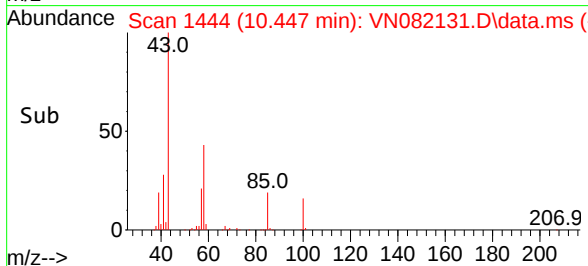
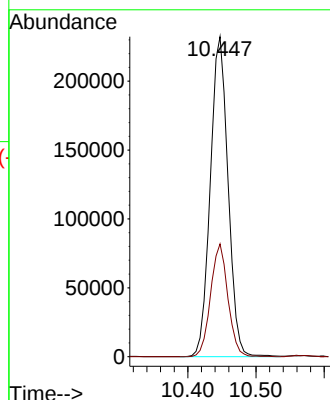
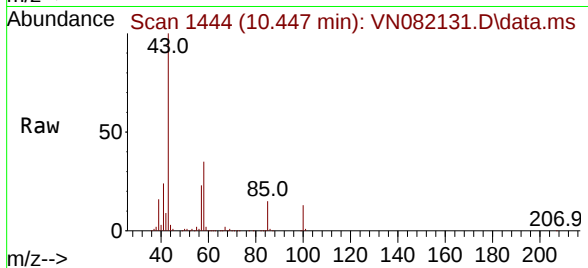
#51
4-Methyl-2-Pentanone
Concen: 104.555 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN082131.D
Acq: 15 May 2024 14:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 42137
Ion Ratio Lower Upper
43 100
58 34.3 33.2 49.8

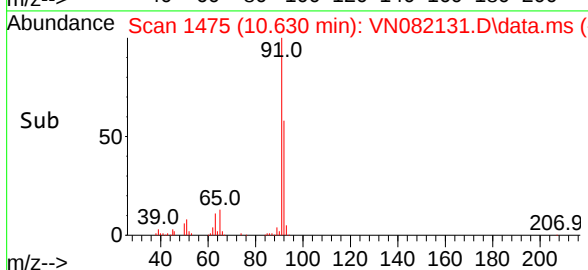
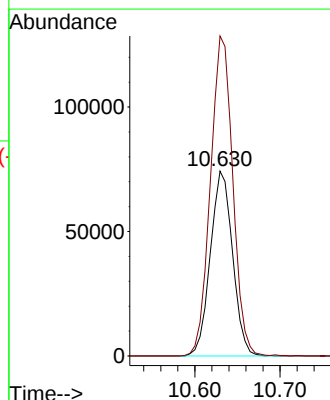
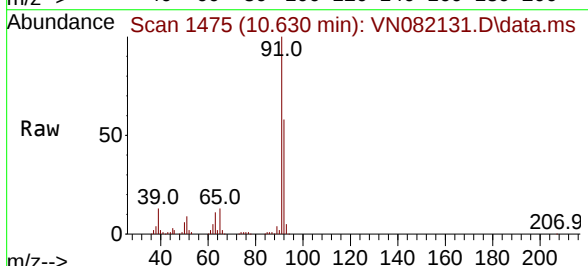
Manual Integrations
APPROVED

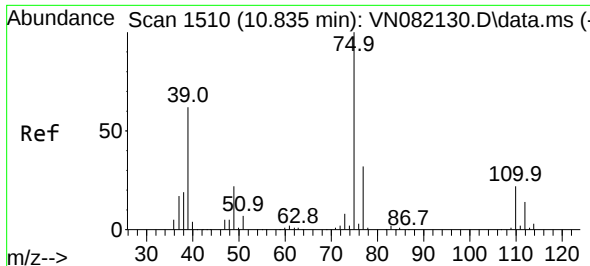
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#52
Toluene
Concen: 21.022 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN082131.D
Acq: 15 May 2024 14:13

Tgt Ion: 92 Resp: 134564
Ion Ratio Lower Upper
92 100
91 174.0 136.7 205.1





#53
 t-1,3-Dichloropropene
 Concen: 20.932 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. 0.000 min
 Lab File: VN082131.D
 Acq: 15 May 2024 14:13

Instrument :

MSVOA_N

ClientSampleId :

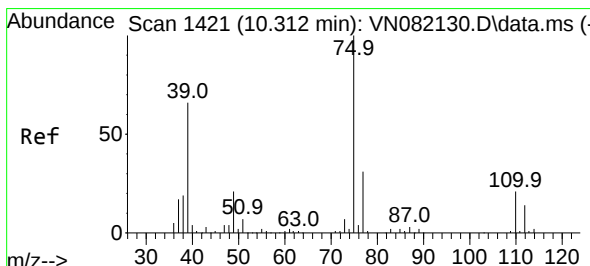
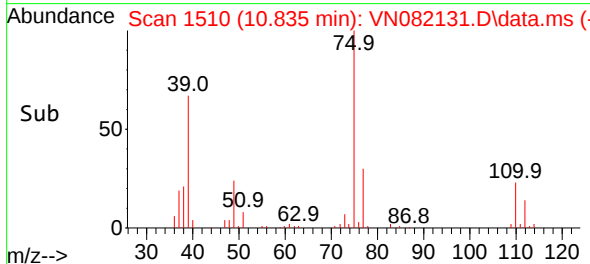
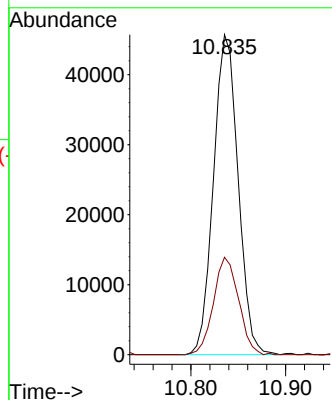
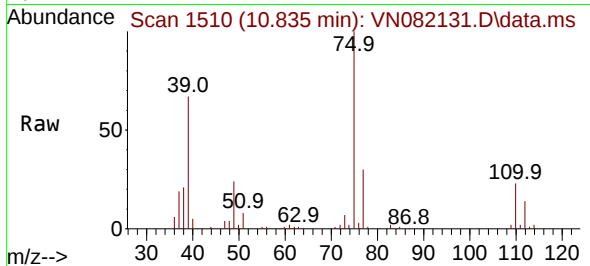
VSTDICC020

Tgt Ion: 75 Resp: 82578
 Ion Ratio Lower Upper
 75 100
 77 30.4 25.4 38.0

Manual Integrations

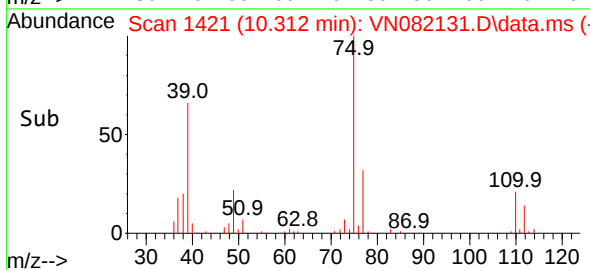
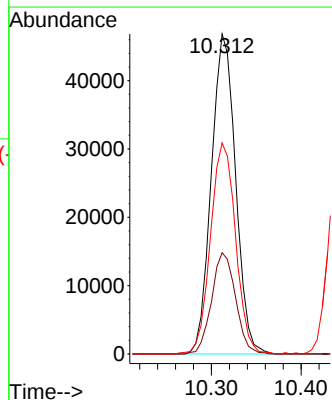
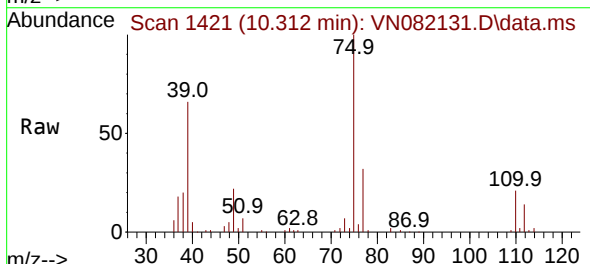
APPROVED

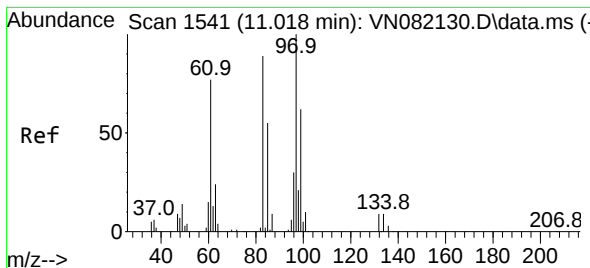
Reviewed By :John Carlone 05/16/2024
 Supervised By :Mahesh Dadoda 05/16/2024



#54
 cis-1,3-Dichloropropene
 Concen: 21.026 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.000 min
 Lab File: VN082131.D
 Acq: 15 May 2024 14:13

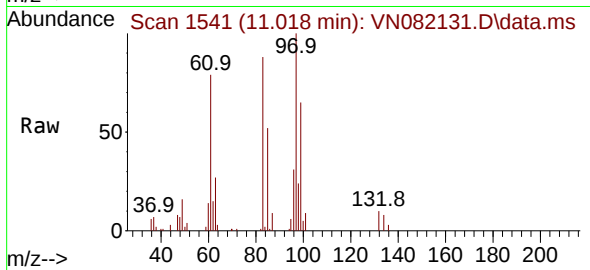
Tgt Ion: 75 Resp: 87799
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.0 37.4
 39 66.0 34.8 52.2#





#55
1,1,2-Trichloroethane
Concen: 20.287 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN082131.D
Acq: 15 May 2024 14:13

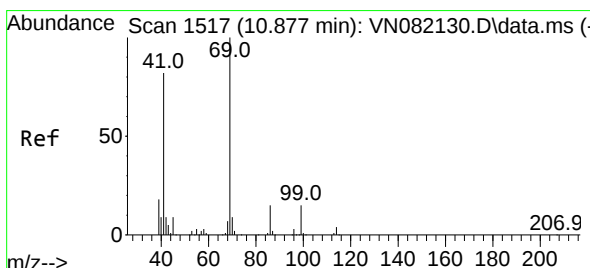
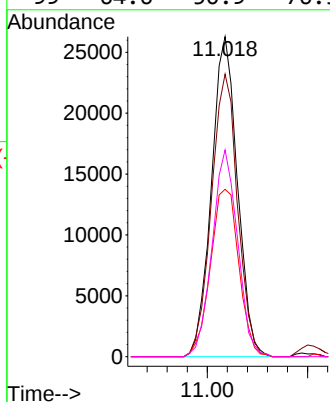
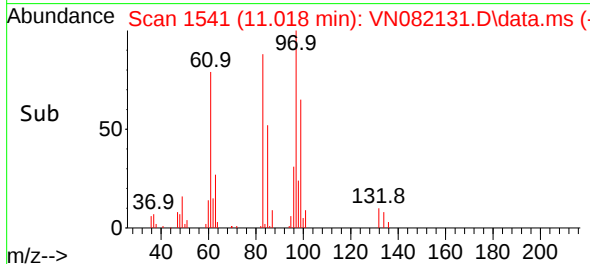
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



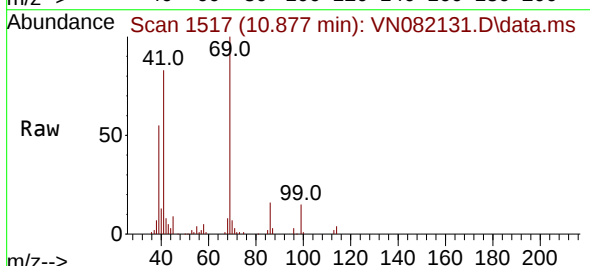
Tgt Ion	Ratio	Lower	Upper
97	100		
83	88.3	70.4	105.6
85	52.3	45.6	68.4
99	64.6	50.9	76.3

Manual Integrations
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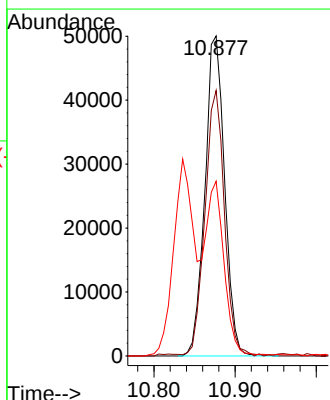
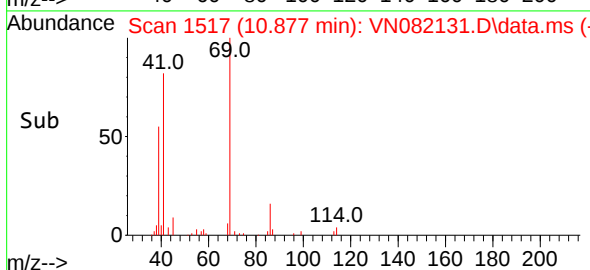
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024

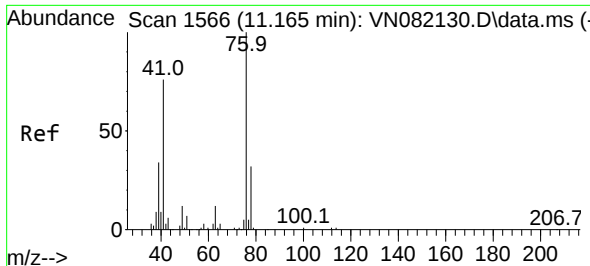


#56
Ethyl methacrylate
Concen: 21.320 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN082131.D
Acq: 15 May 2024 14:13



Tgt Ion	Ratio	Lower	Upper
69	100		
41	82.3	46.6	70.0#
39	47.7	26.5	39.7#





#57

1,3-Dichloropropane

Concen: 20.426 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.000 min

Lab File: VN082131.D

Acq: 15 May 2024 14:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 76 Resp: 8884

Ion Ratio Lower Upper

76 100

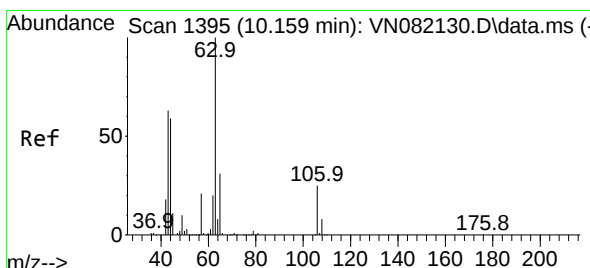
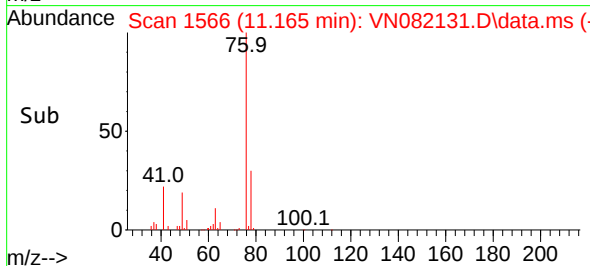
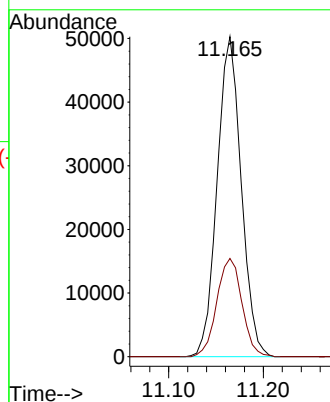
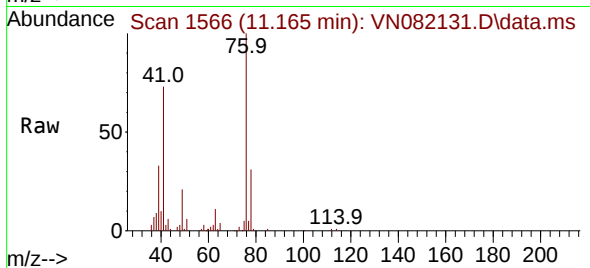
78 32.1 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2024

Supervised By :Mahesh Dadoda 05/16/2024



#58

2-Chloroethyl Vinyl ether

Concen: 106.777 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.000 min

Lab File: VN082131.D

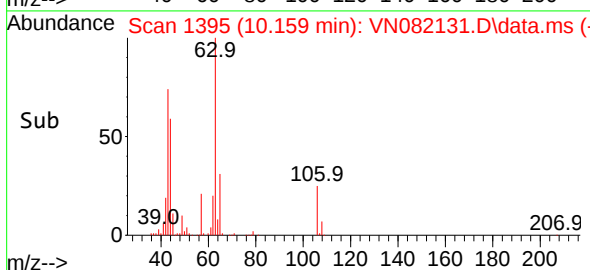
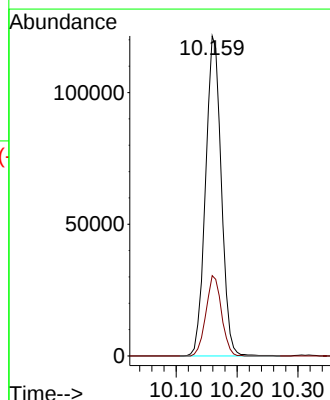
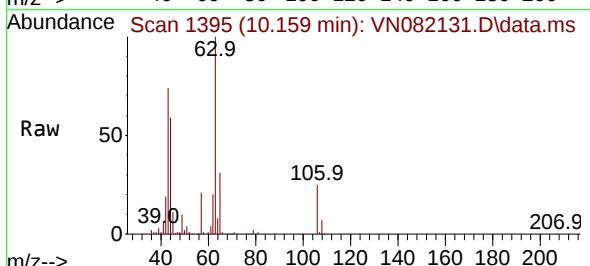
Acq: 15 May 2024 14:13

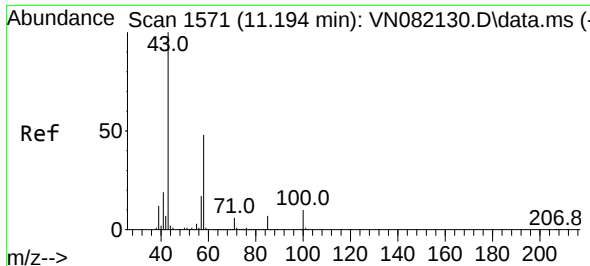
Tgt Ion: 63 Resp: 217517

Ion Ratio Lower Upper

63 100

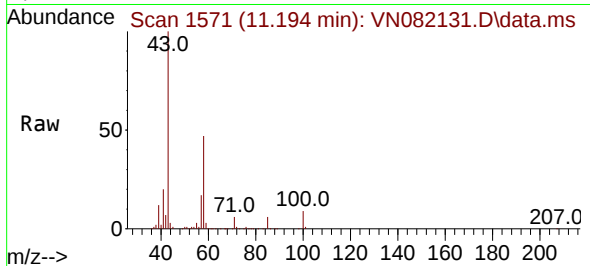
106 24.8 24.6 36.8





#59
2-Hexanone
Concen: 105.744 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN082131.D
Acq: 15 May 2024 14:13

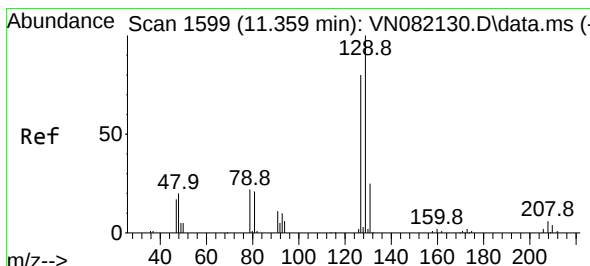
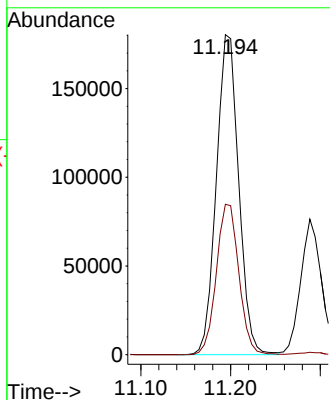
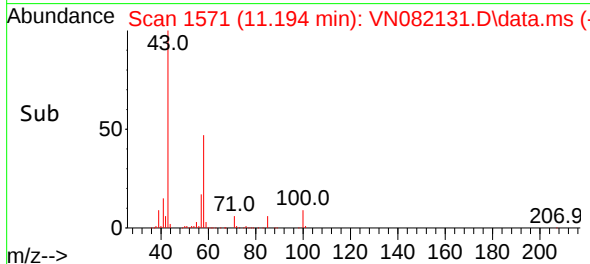
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 43 Resp: 312038
Ion Ratio Lower Upper
43 100
58 47.4 28.3 84.9

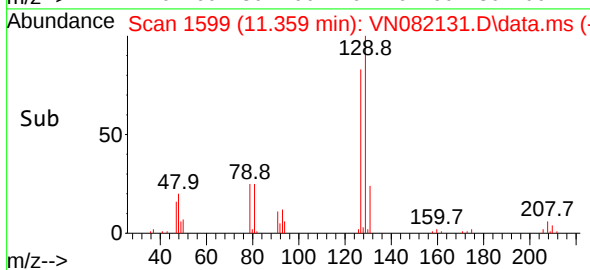
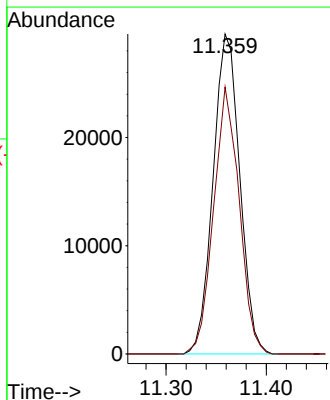
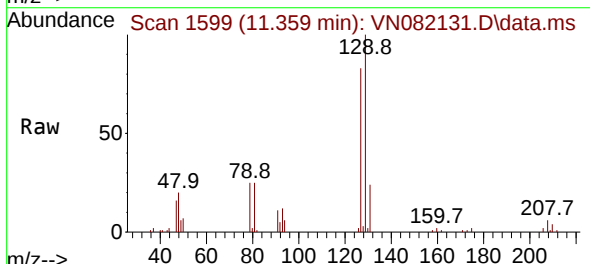
Manual Integrations
APPROVED

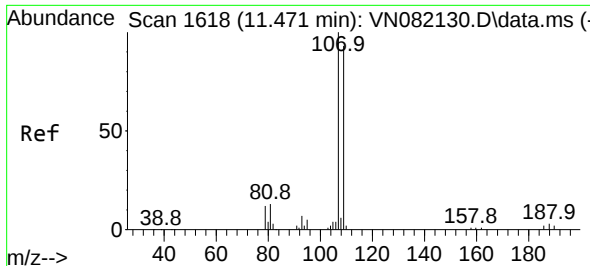
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#60
Dibromochloromethane
Concen: 21.309 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN082131.D
Acq: 15 May 2024 14:13

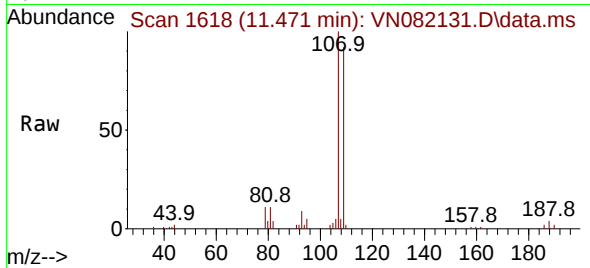
Tgt Ion:129 Resp: 54703
Ion Ratio Lower Upper
129 100
127 79.9 38.3 114.8





#61
1,2-Dibromoethane
Concen: 20.857 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN082131.D
Acq: 15 May 2024 14:13

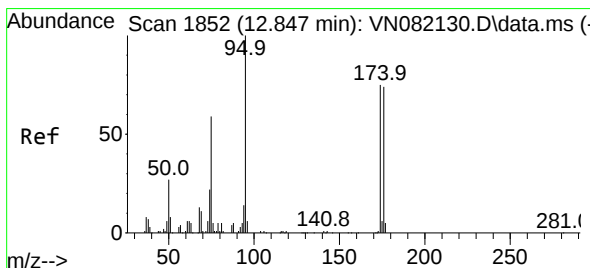
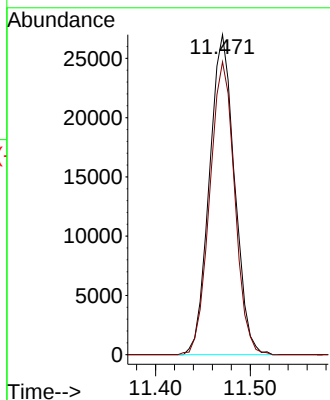
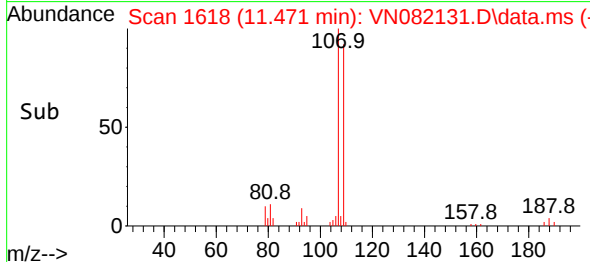
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



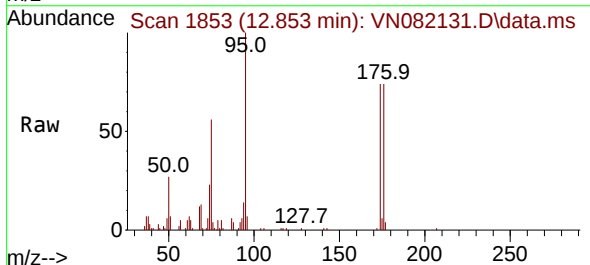
Tgt Ion:107 Resp: 4983
Ion Ratio Lower Upper
107 100
109 90.4 75.8 113.6

Manual Integrations
APPROVED

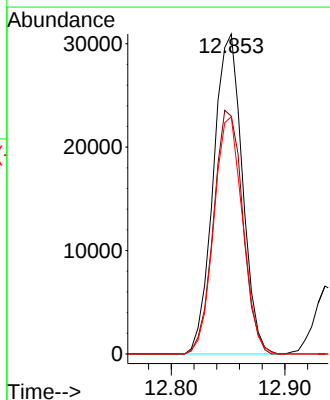
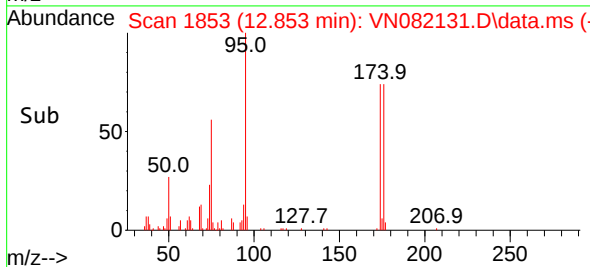
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024

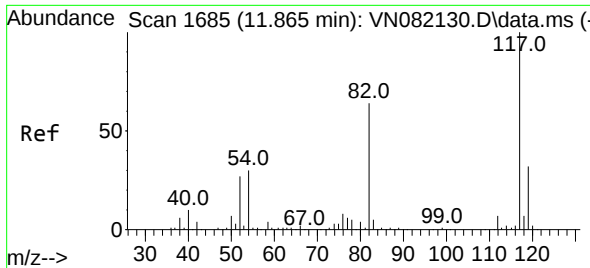


#62
4-Bromofluorobenzene
Concen: 18.748 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082131.D
Acq: 15 May 2024 14:13



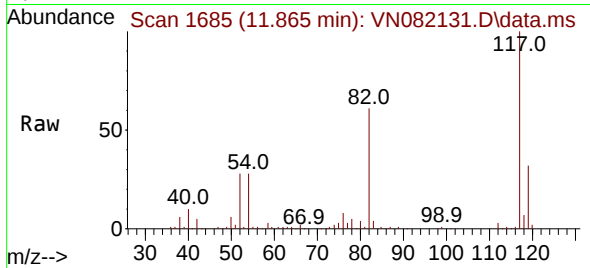
Tgt Ion: 95 Resp: 54716
Ion Ratio Lower Upper
95 100
174 76.5 0.0 160.6
176 73.9 0.0 152.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN082131.D
Acq: 15 May 2024 14:13

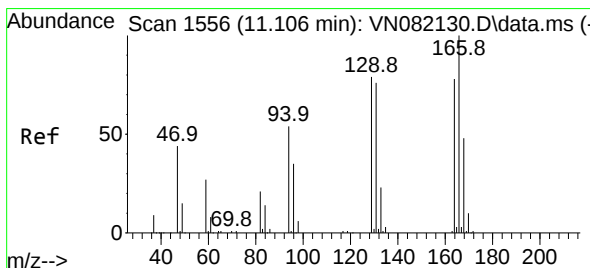
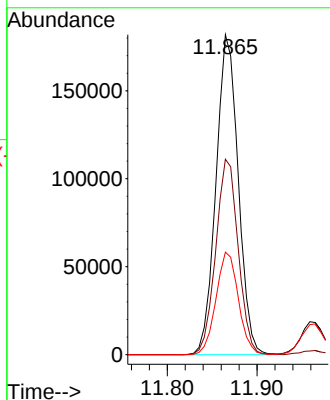
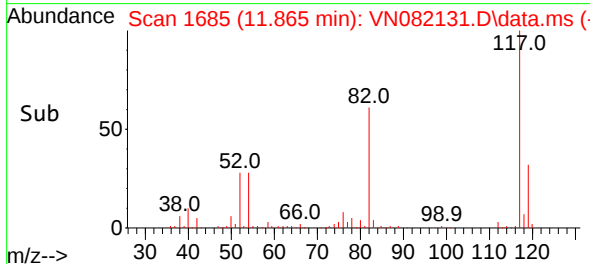
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion:117 Resp: 31318
Ion Ratio Lower Upper
117 100
82 61.1 44.6 66.8
119 32.1 25.9 38.9

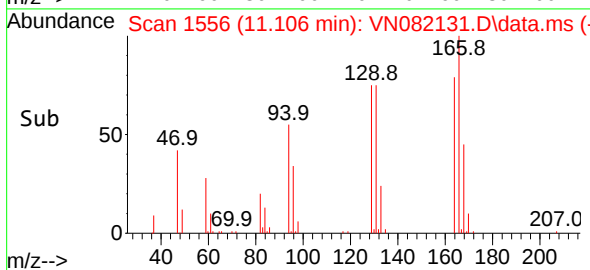
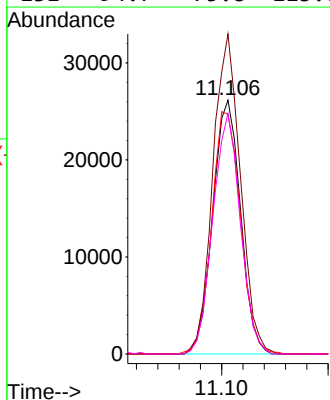
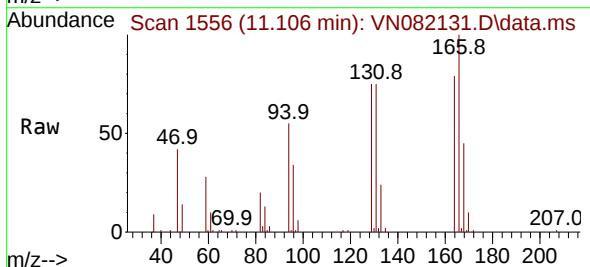
Manual Integrations
APPROVED

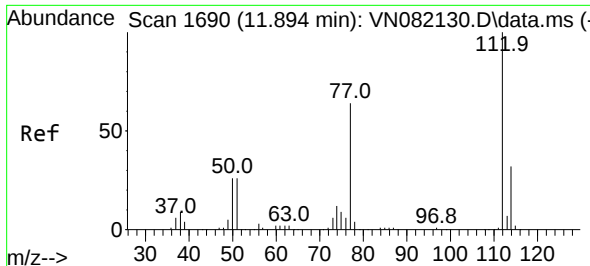
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#64
Tetrachloroethene
Concen: 20.434 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN082131.D
Acq: 15 May 2024 14:13

Tgt Ion:164 Resp: 47433
Ion Ratio Lower Upper
164 100
166 126.1 97.6 146.4
129 94.5 73.7 110.5
131 94.7 75.8 113.6





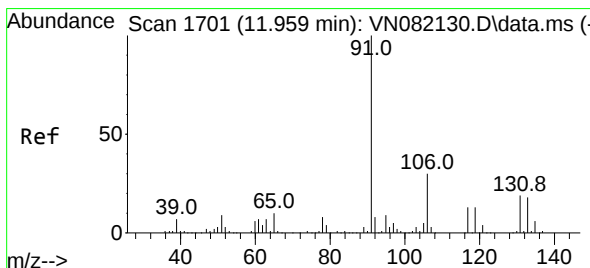
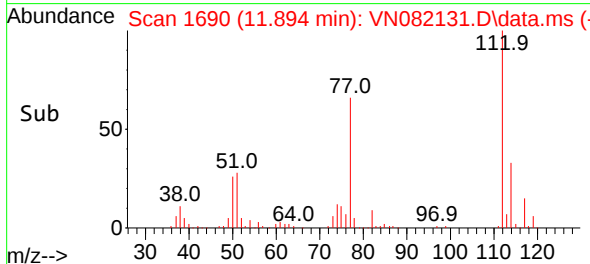
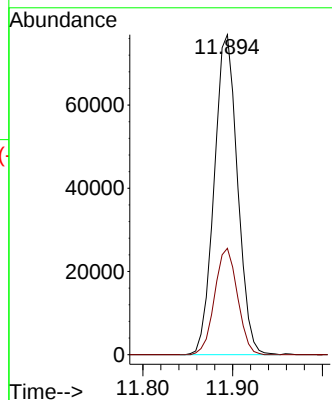
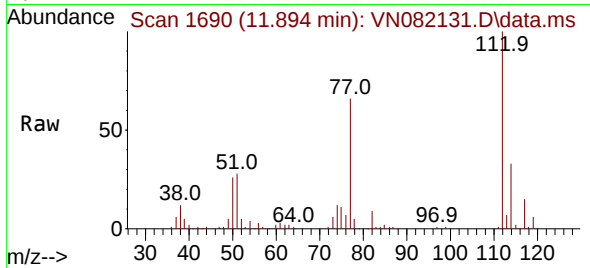
#65
Chlorobenzene
Concen: 20.046 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN082131.D
Acq: 15 May 2024 14:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:112 Resp: 13869
Ion Ratio Lower Upper
112 100
114 33.3 25.7 38.5

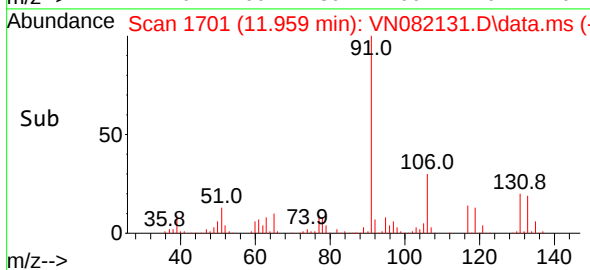
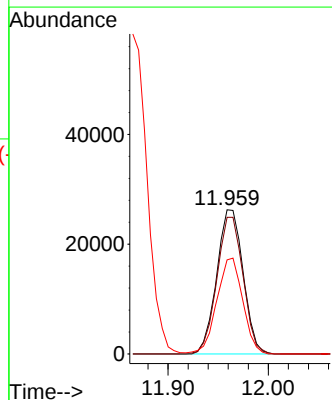
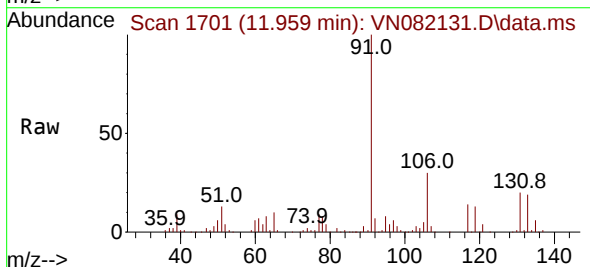
Manual Integrations
APPROVED

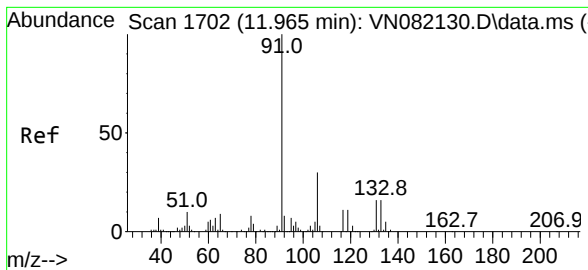
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 21.124 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN082131.D
Acq: 15 May 2024 14:13

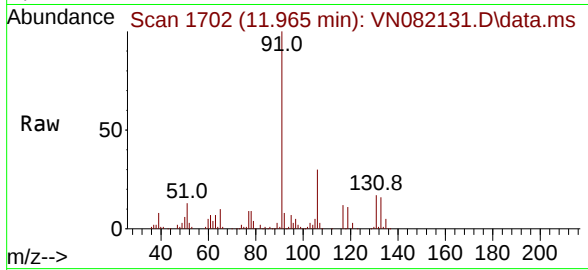
Tgt Ion:131 Resp: 48142
Ion Ratio Lower Upper
131 100
133 93.8 47.5 142.6
119 65.1 32.9 98.7





#67
Ethyl Benzene
Concen: 20.701 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN082131.D
Acq: 15 May 2024 14:13

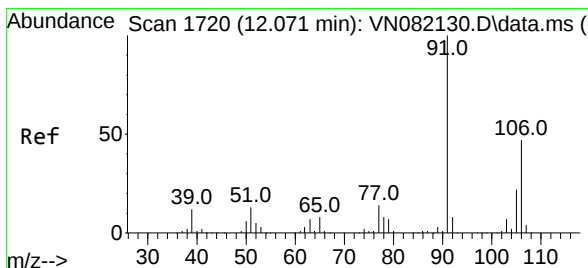
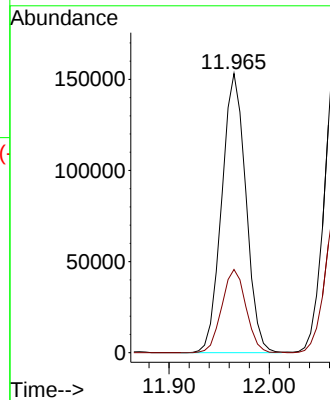
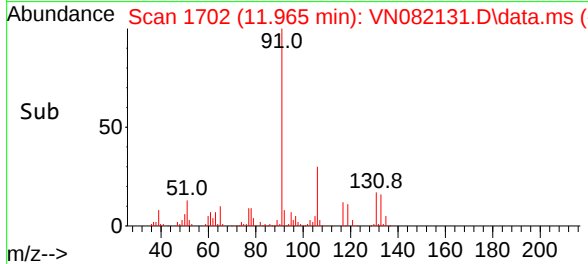
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



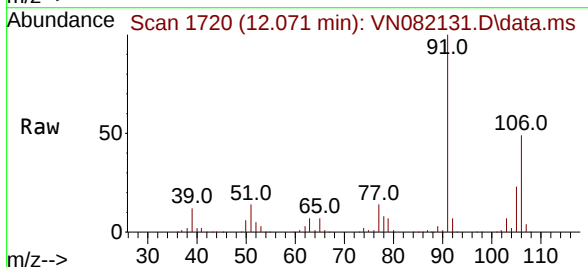
Tgt Ion: 91 Resp: 256208
Ion Ratio Lower Upper
91 100
106 29.8 25.3 37.9

Manual Integrations
APPROVED

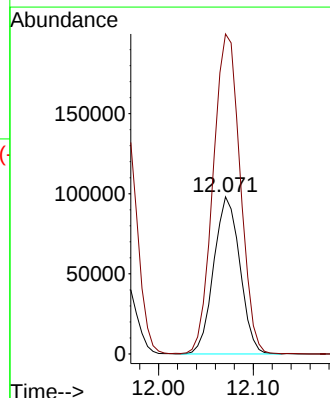
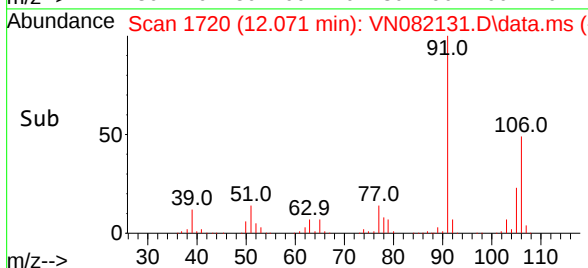
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024

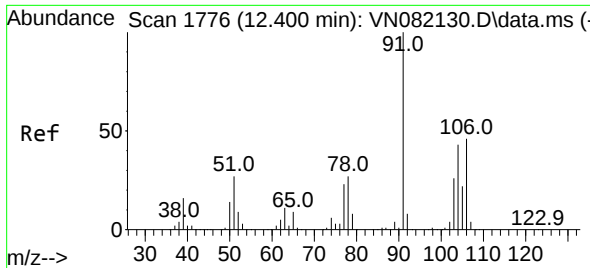


#68
m/p-Xylenes
Concen: 41.480 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN082131.D
Acq: 15 May 2024 14:13



Tgt Ion:106 Resp: 188158
Ion Ratio Lower Upper
106 100
91 210.9 159.4 239.0





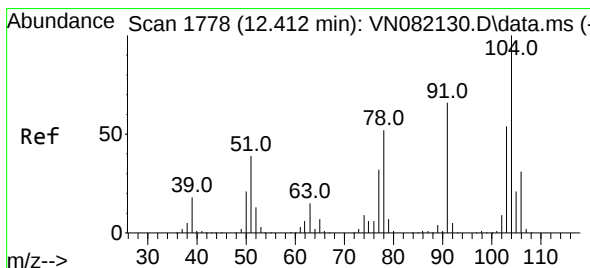
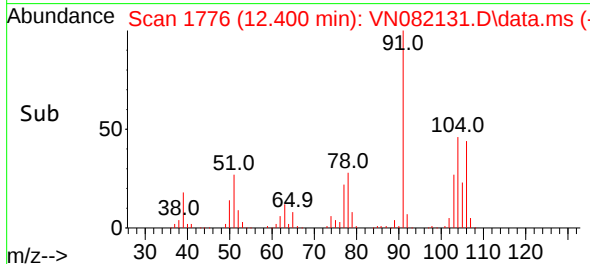
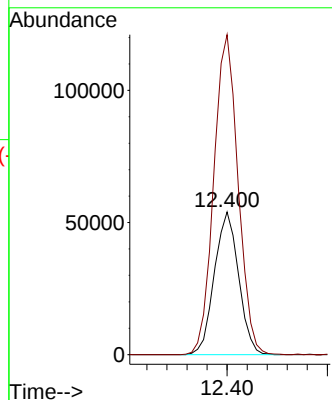
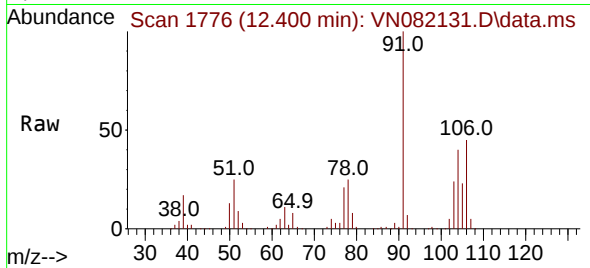
#69
o-Xylene
Concen: 20.603 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN082131.D
Acq: 15 May 2024 14:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:106 Resp: 90529
Ion Ratio Lower Upper
106 100
91 224.9 104.7 314.1

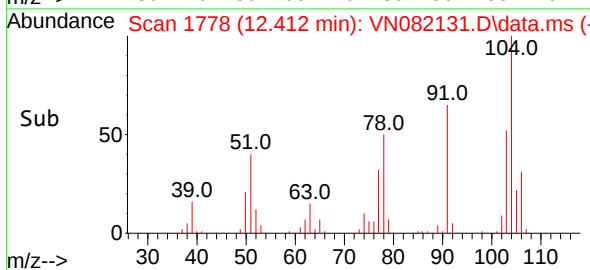
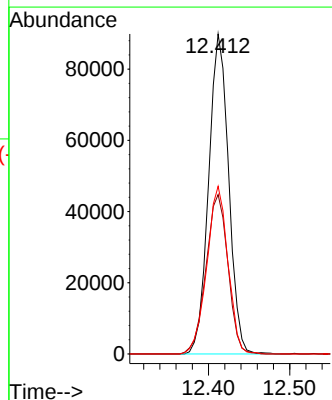
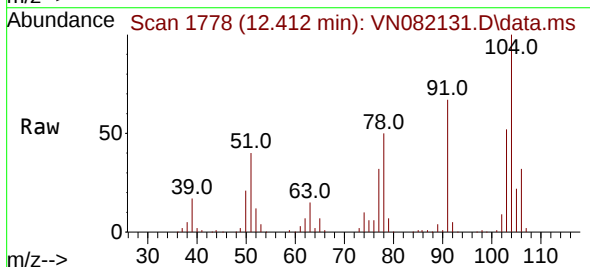
Manual Integrations
APPROVED

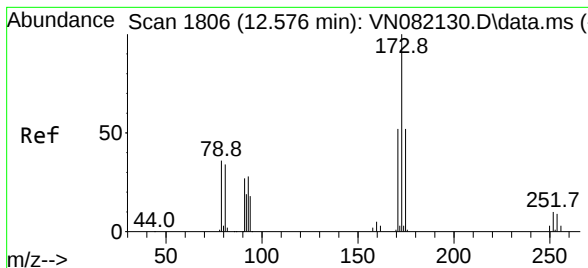
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#70
Styrene
Concen: 21.068 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN082131.D
Acq: 15 May 2024 14:13

Tgt Ion:104 Resp: 153767
Ion Ratio Lower Upper
104 100
78 54.5 38.6 58.0
103 55.4 43.8 65.6





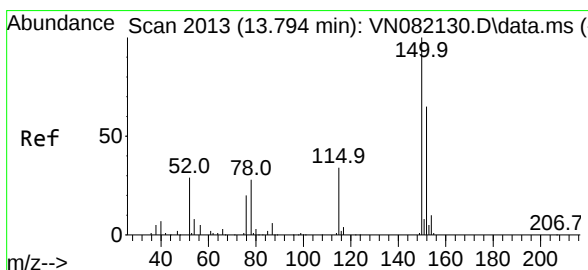
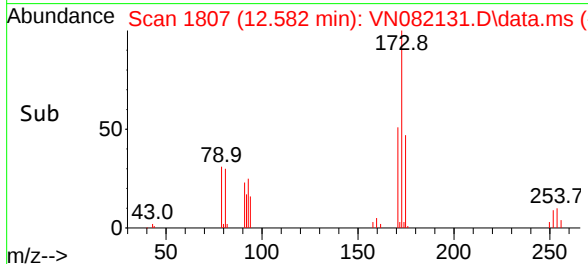
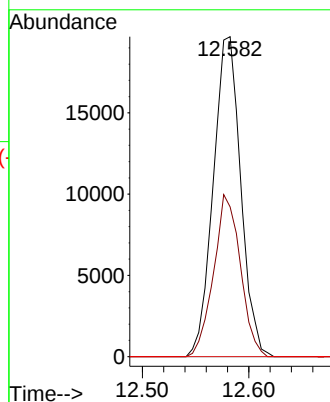
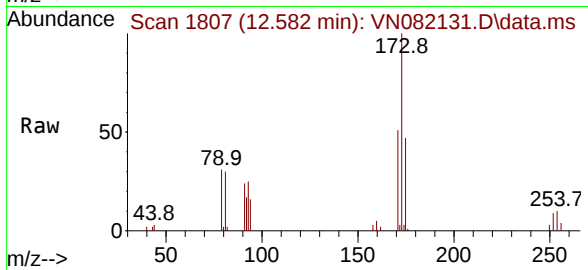
#71
Bromoform
Concen: 19.851 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VN082131.D
Acq: 15 May 2024 14:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:173 Resp: 35204
Ion Ratio Lower Upper
173 100
175 49.4 24.6 74.0
254 0.0 0.0 0.0

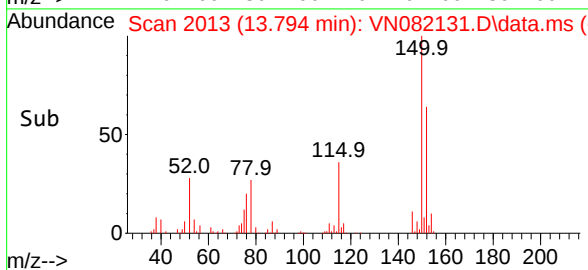
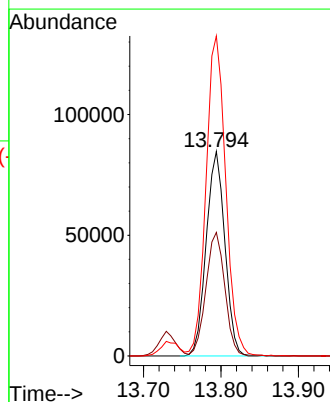
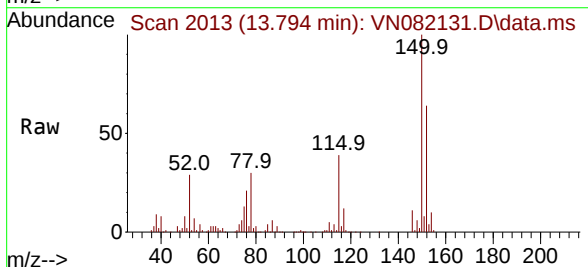
Manual Integrations
APPROVED

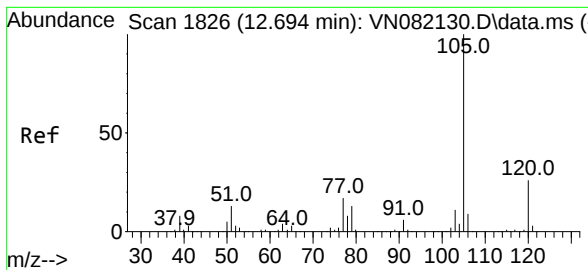
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN082131.D
Acq: 15 May 2024 14:13

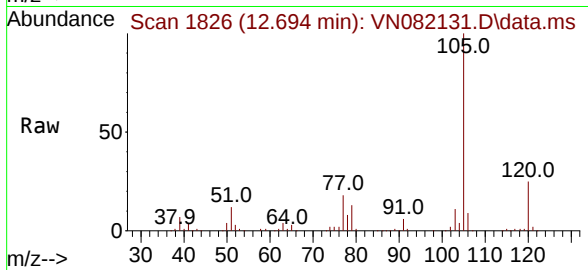
Tgt Ion:152 Resp: 141911
Ion Ratio Lower Upper
152 100
115 60.9 30.4 91.3
150 164.8 0.0 353.2





#73
Isopropylbenzene
Concen: 20.875 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN082131.D
Acq: 15 May 2024 14:13

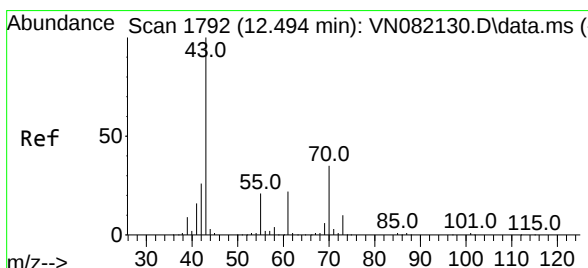
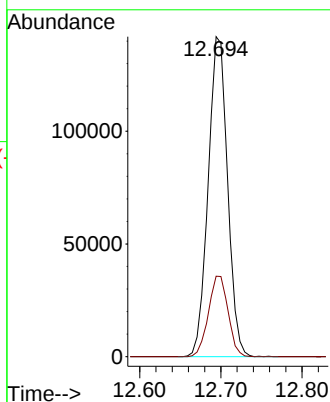
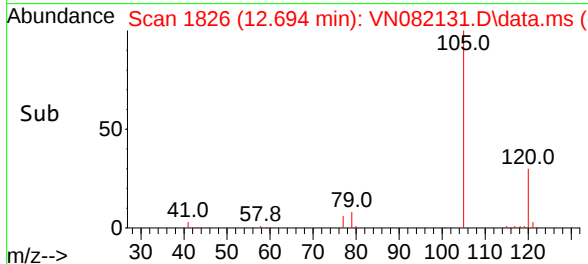
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion:105 Resp: 235348
Ion Ratio Lower Upper
105 100
120 25.5 13.4 40.1

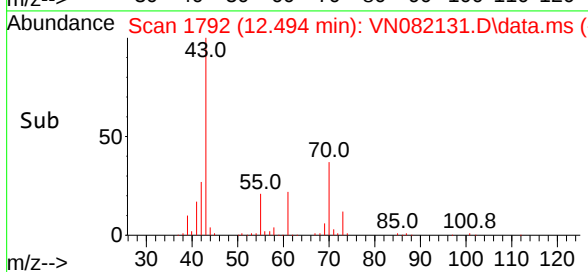
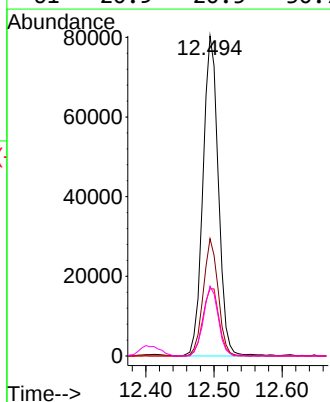
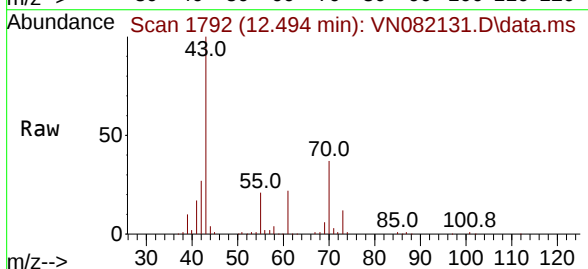
Manual Integrations
APPROVED

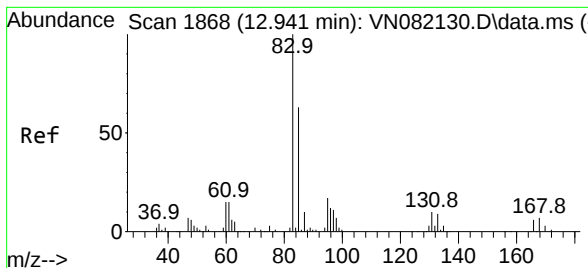
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#74
N-ethyl acetate
Concen: 20.405 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN082131.D
Acq: 15 May 2024 14:13

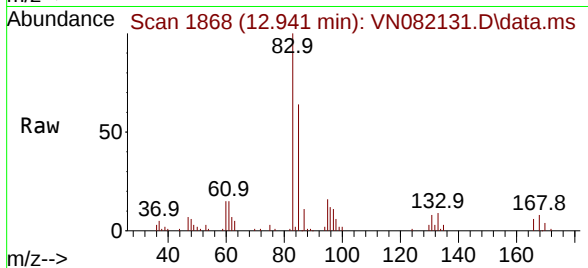
Tgt Ion: 43 Resp: 126536
Ion Ratio Lower Upper
43 100
70 35.4 39.0 58.4#
55 22.1 21.3 31.9
61 20.9 20.5 30.7





#75
1,1,2,2-Tetrachloroethane
Concen: 20.345 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN082131.D
Acq: 15 May 2024 14:13

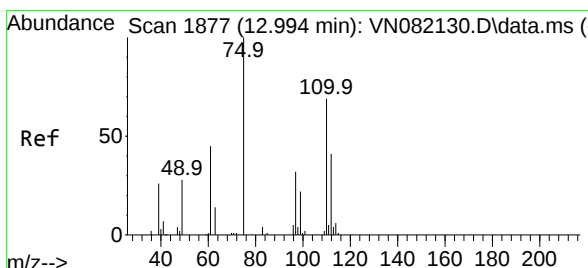
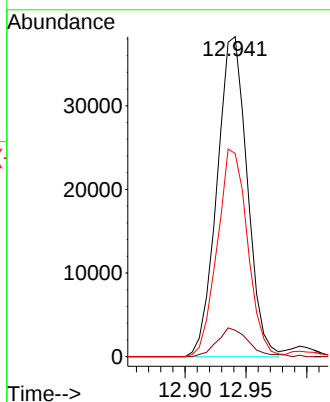
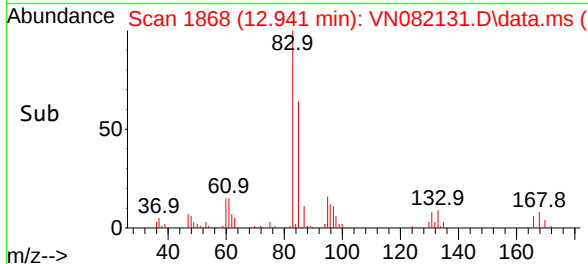
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 83 Resp: 66119
Ion Ratio Lower Upper
83 100
131 9.4 5.5 16.4
85 65.1 32.9 98.6

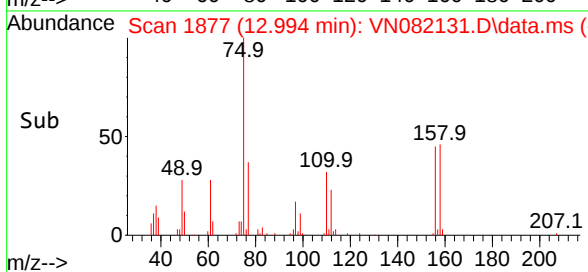
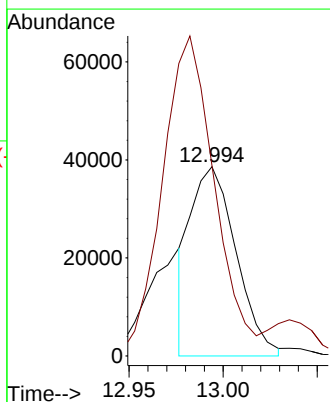
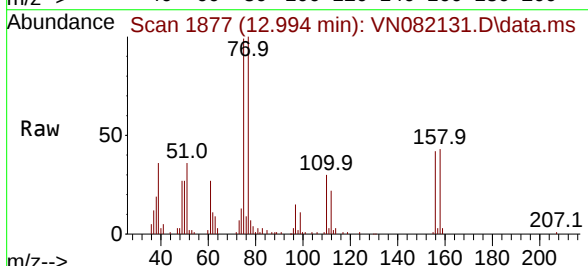
Manual Integrations
APPROVED

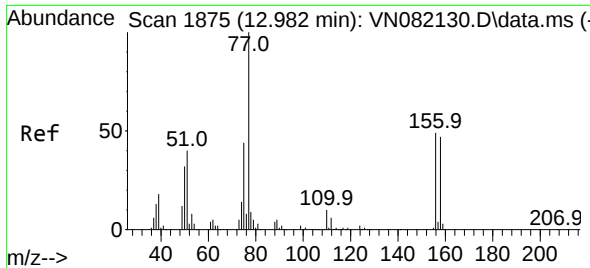
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#76
1,2,3-Trichloropropane
Concen: 21.662 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN082131.D
Acq: 15 May 2024 14:13

Tgt Ion: 75 Resp: 64611
Ion Ratio Lower Upper
75 100
77 195.0 90.5 271.3





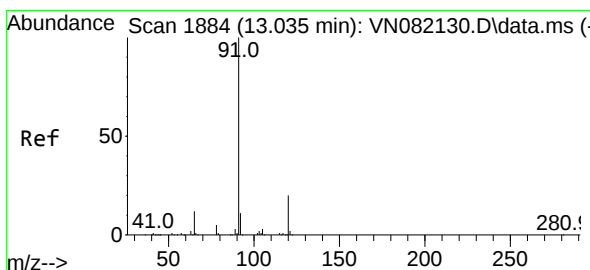
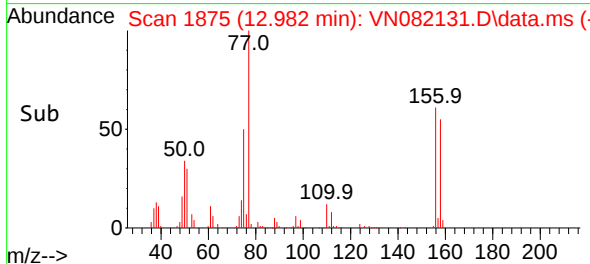
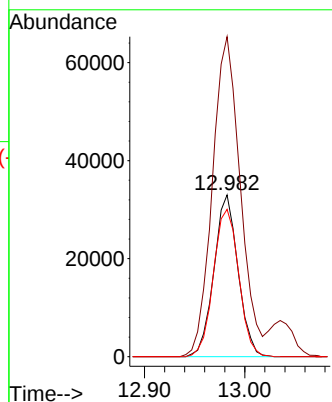
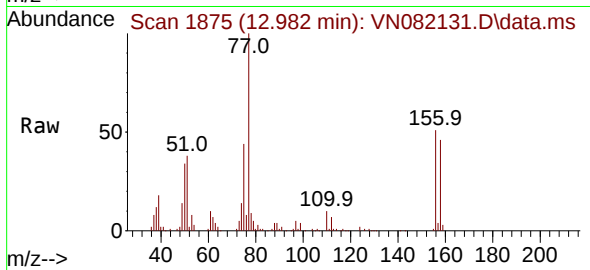
#77
Bromobenzene
Concen: 20.461 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN082131.D
Acq: 15 May 2024 14:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:156 Resp: 5497
Ion Ratio Lower Upper
156 100
77 229.2 100.2 300.6
158 95.6 49.1 147.3

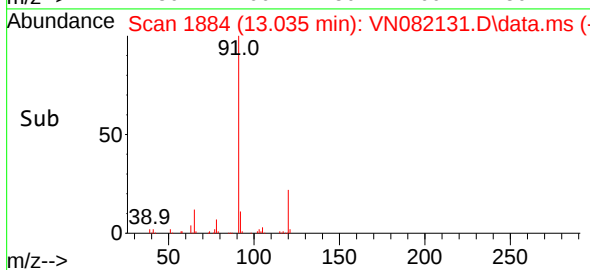
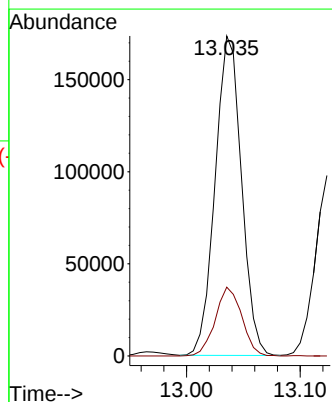
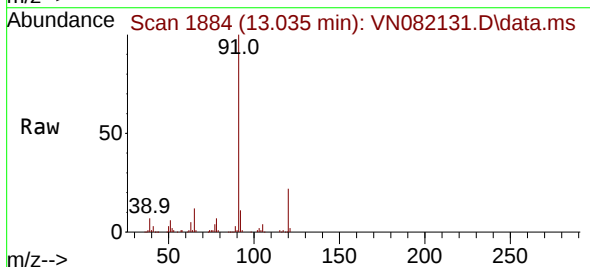
Manual Integrations
APPROVED

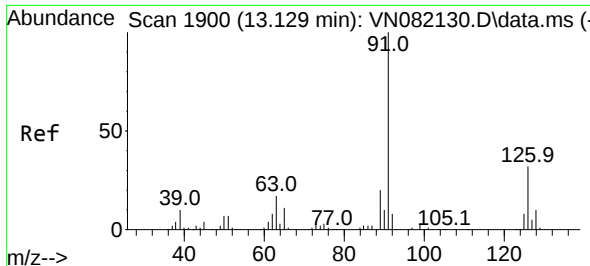
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#78
n-propylbenzene
Concen: 20.937 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN082131.D
Acq: 15 May 2024 14:13

Tgt Ion: 91 Resp: 279519
Ion Ratio Lower Upper
91 100
120 21.7 11.7 35.0





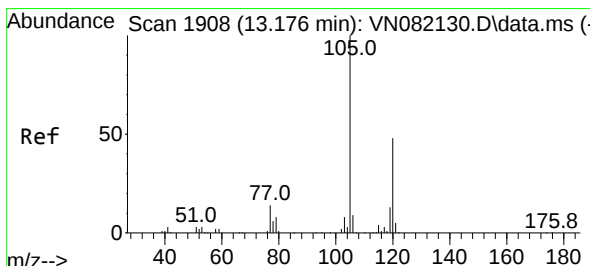
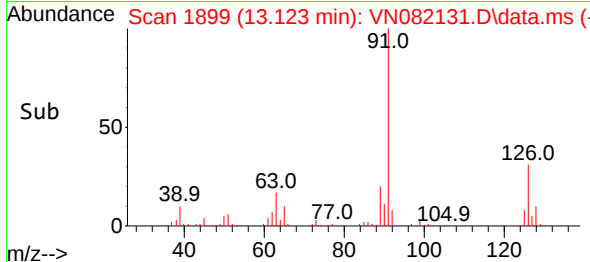
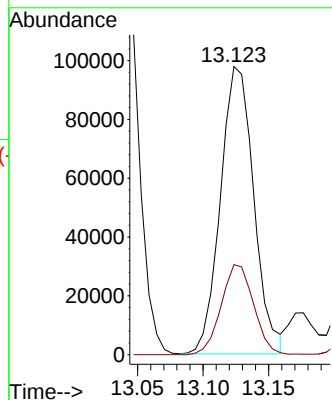
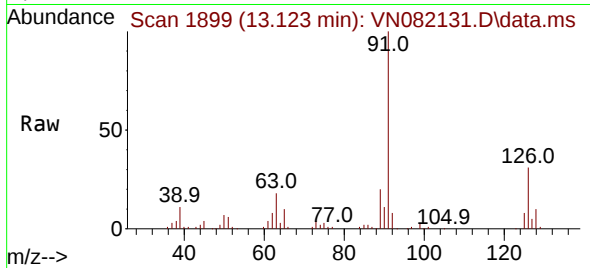
#79
2-Chlorotoluene
Concen: 20.649 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.006 min
Lab File: VN082131.D
Acq: 15 May 2024 14:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 17310
Ion Ratio Lower Upper
91 100
126 30.5 17.5 52.5

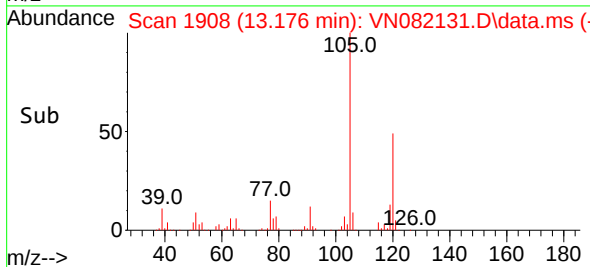
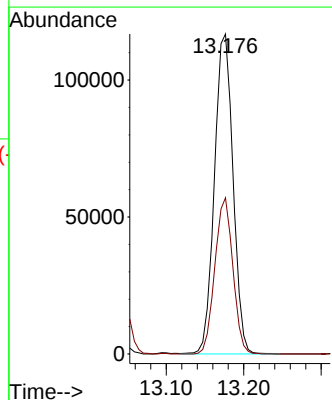
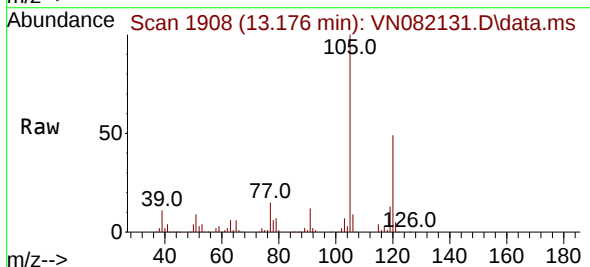
Manual Integrations
APPROVED

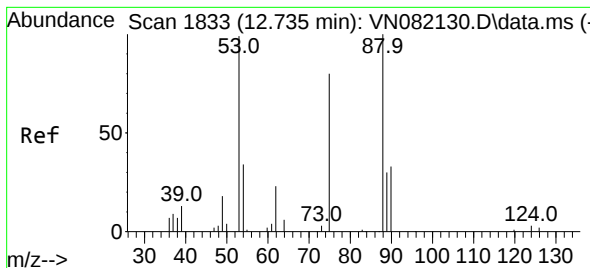
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#80
1,3,5-Trimethylbenzene
Concen: 21.352 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN082131.D
Acq: 15 May 2024 14:13

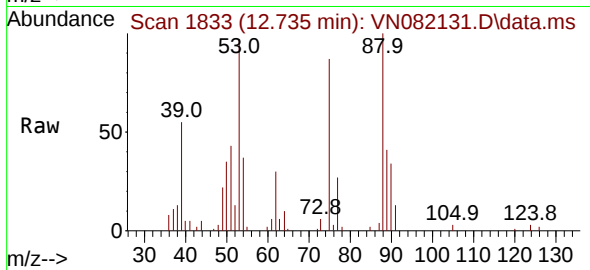
Tgt Ion:105 Resp: 194647
Ion Ratio Lower Upper
105 100
120 47.2 24.8 74.3





#81
trans-1,4-Dichloro-2-butene
Concen: 21.115 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN082131.D
Acq: 15 May 2024 14:13

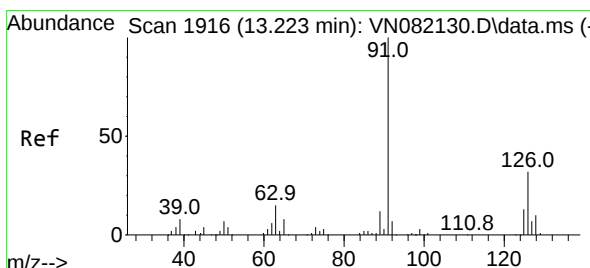
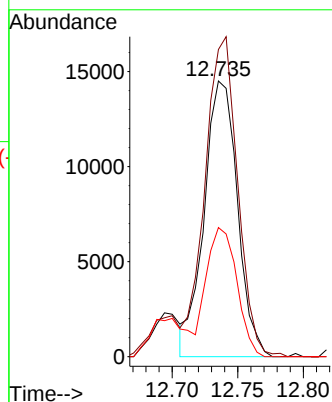
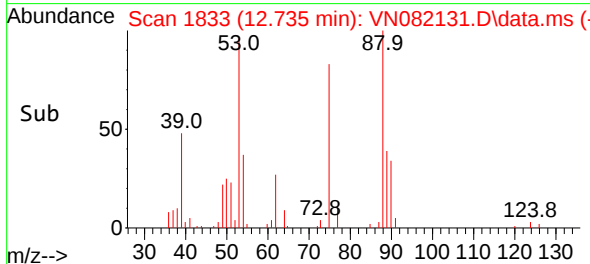
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



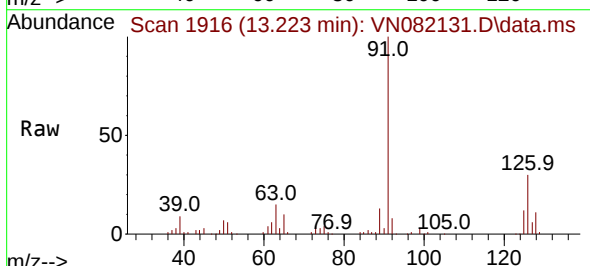
Tgt Ion: 75 Resp: 25648
Ion Ratio Lower Upper
75 100
53 114.2 72.9 109.3
89 42.5 39.1 58.7

Manual Integrations
APPROVED

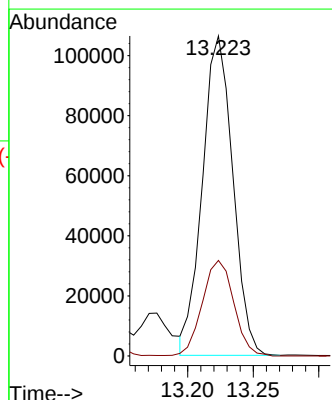
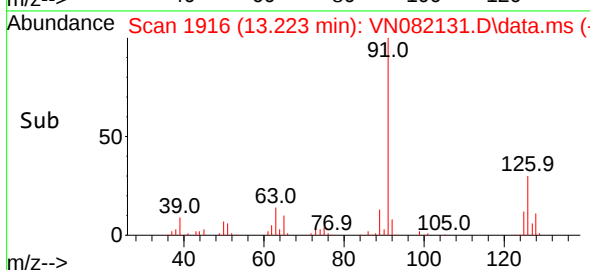
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024

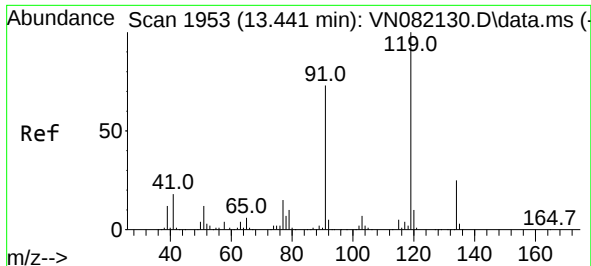


#82
4-Chlorotoluene
Concen: 20.941 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN082131.D
Acq: 15 May 2024 14:13



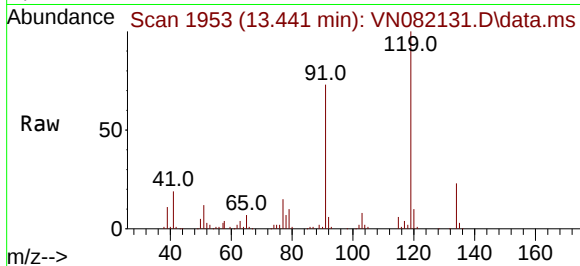
Tgt Ion: 91 Resp: 171643
Ion Ratio Lower Upper
91 100
126 31.0 17.4 52.3





#83
tert-Butylbenzene
Concen: 20.640 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN082131.D
Acq: 15 May 2024 14:13

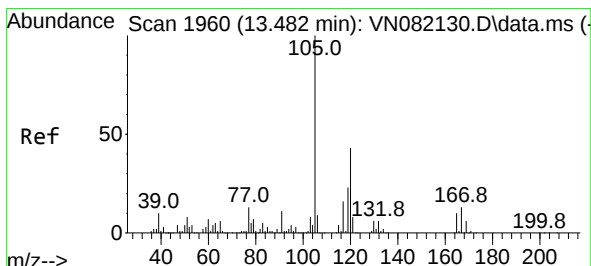
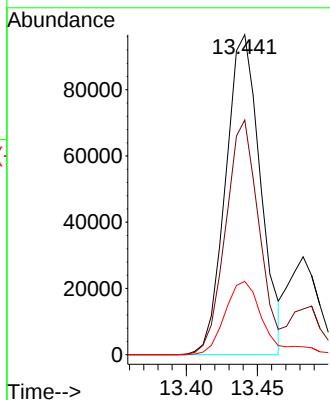
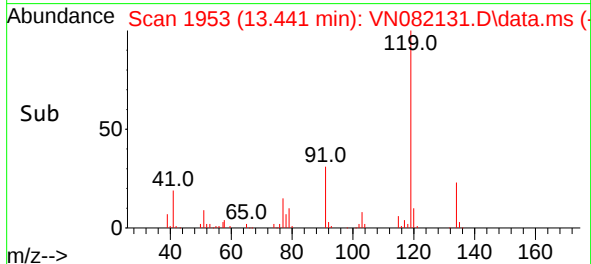
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



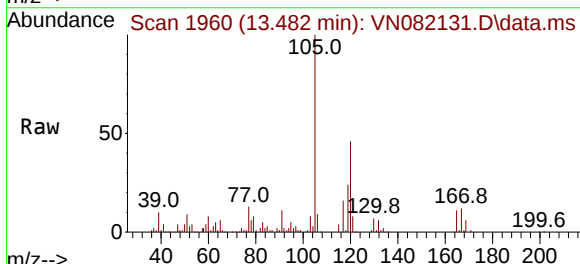
Tgt Ion:119 Resp: 164608
Ion Ratio Lower Upper
119 100
91 70.3 32.6 97.8
134 25.7 12.4 37.0

Manual Integrations
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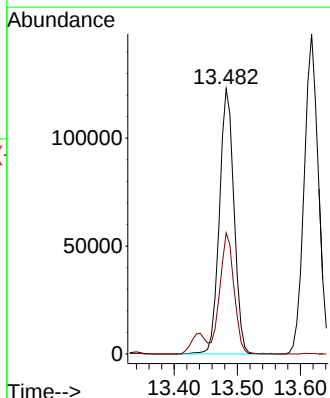
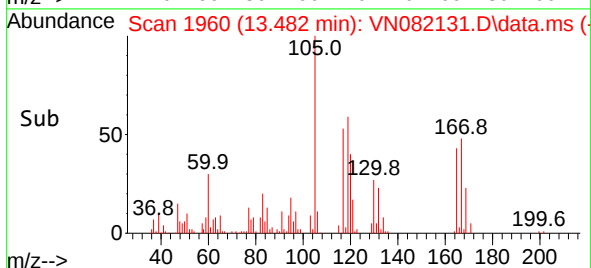
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024

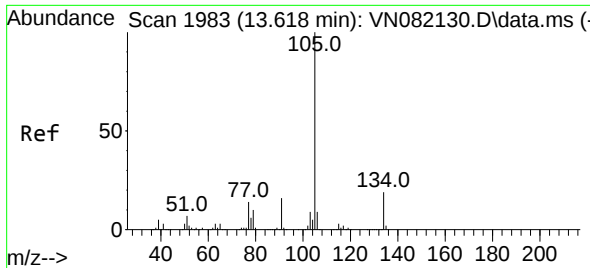


#84
1,2,4-Trimethylbenzene
Concen: 21.184 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN082131.D
Acq: 15 May 2024 14:13



Tgt Ion:105 Resp: 197575
Ion Ratio Lower Upper
105 100
120 44.4 22.9 68.7





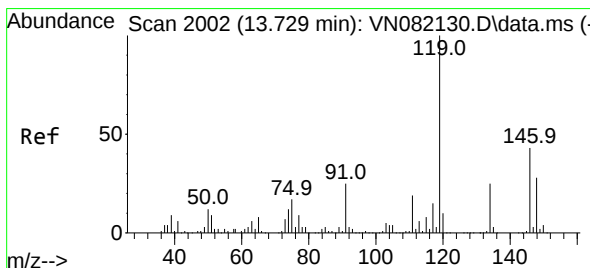
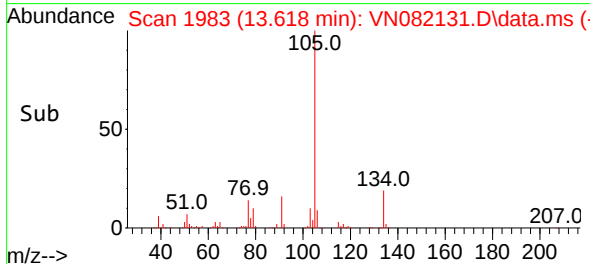
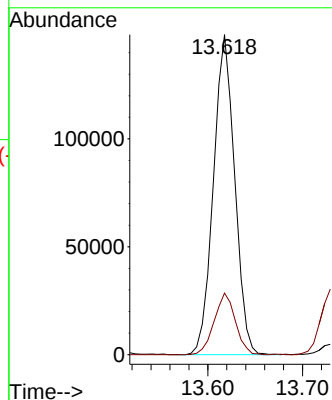
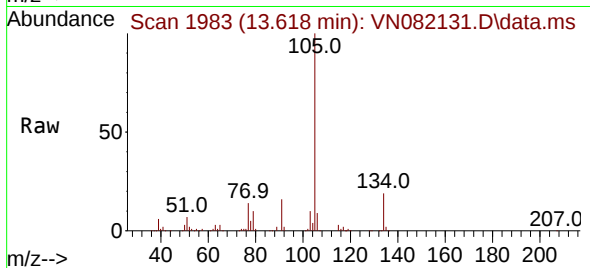
#85
 sec-Butylbenzene
 Concen: 20.912 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN082131.D
 Acq: 15 May 2024 14:13

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Tgt Ion:105 Resp: 231164
 Ion Ratio Lower Upper
 105 100
 134 19.2 10.2 30.4

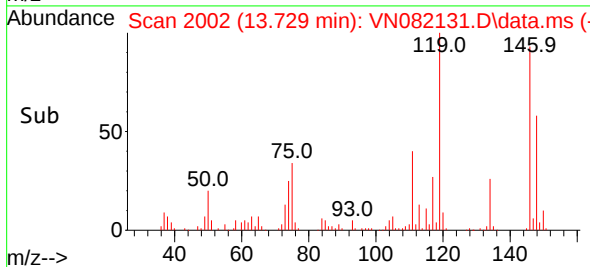
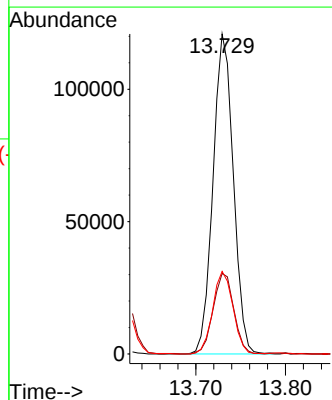
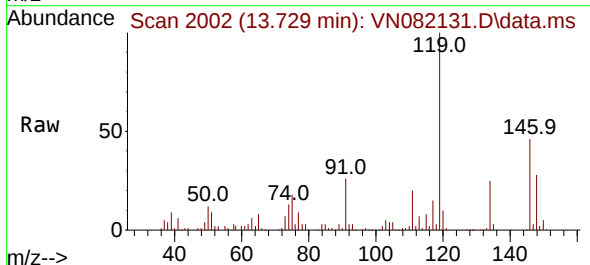
Manual Integrations
 APPROVED

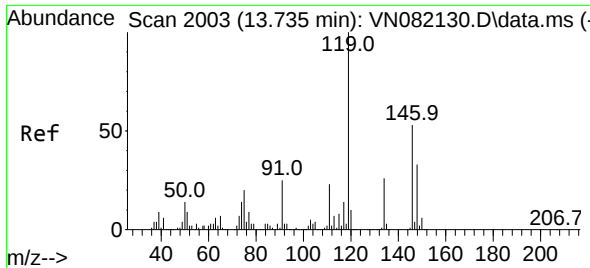
Reviewed By :John Carlone 05/16/2024
 Supervised By :Mahesh Dadoda 05/16/2024



#86
 p-Isopropyltoluene
 Concen: 21.135 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN082131.D
 Acq: 15 May 2024 14:13

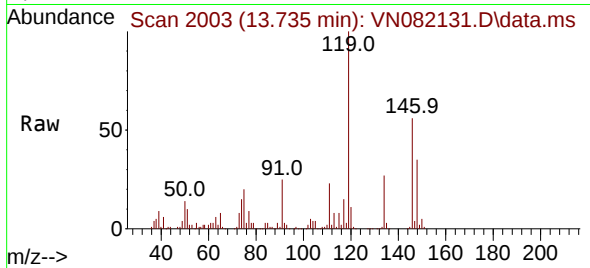
Tgt Ion:119 Resp: 189870
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.2 39.5
 91 25.7 11.8 35.3





#87
 1,3-Dichlorobenzene
 Concen: 20.483 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN082131.D
 Acq: 15 May 2024 14:13

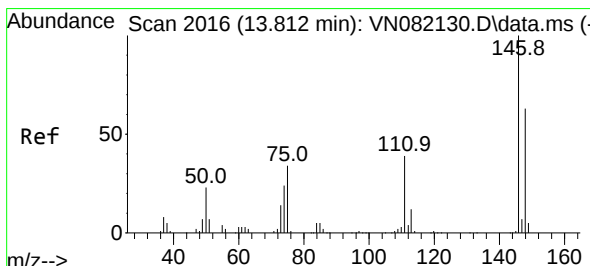
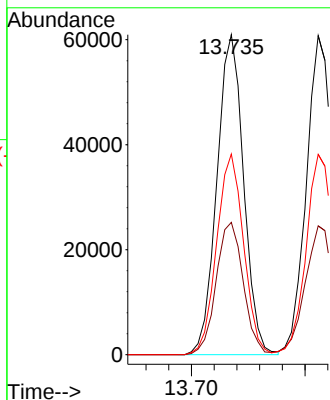
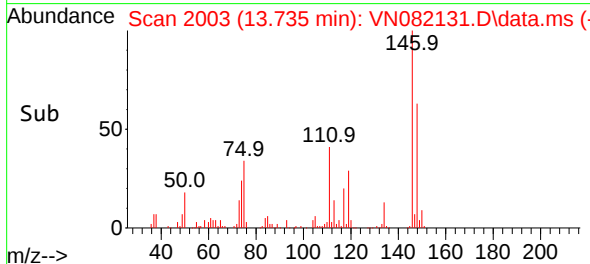
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020



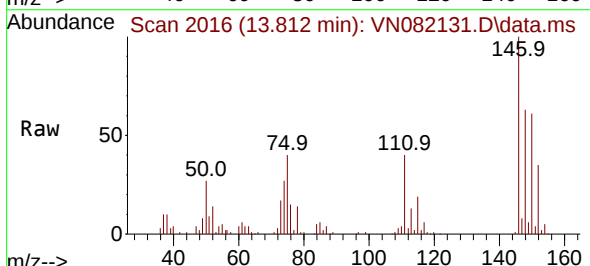
Tgt Ion:146 Resp: 99704
 Ion Ratio Lower Upper
 146 100
 111 42.0 20.8 62.5
 148 63.1 32.1 96.3

Manual Integrations
 APPROVED

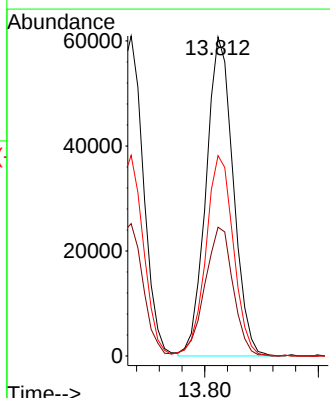
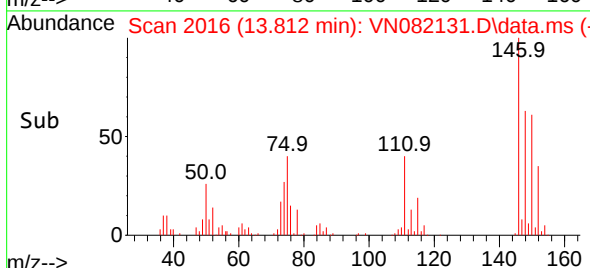
Reviewed By :John Carlone 05/16/2024
 Supervised By :Mahesh Dadoda 05/16/2024

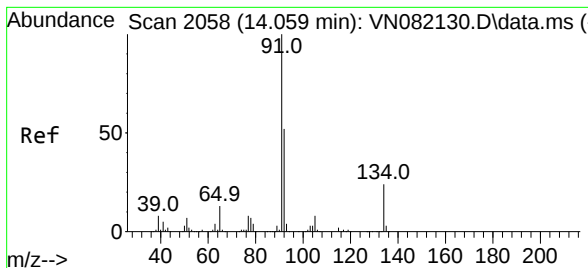


#88
 1,4-Dichlorobenzene
 Concen: 20.367 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. 0.000 min
 Lab File: VN082131.D
 Acq: 15 May 2024 14:13



Tgt Ion:146 Resp: 101185
 Ion Ratio Lower Upper
 146 100
 111 42.2 19.3 57.9
 148 63.6 31.3 93.9





#89

n-Butylbenzene

Concen: 21.001 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN082131.D

Acq: 15 May 2024 14:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

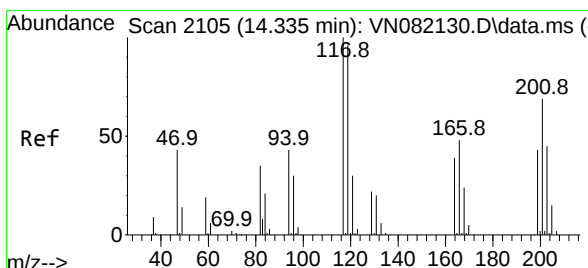
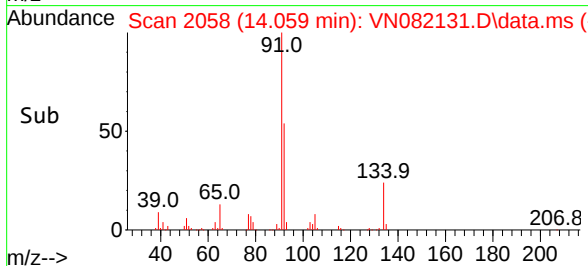
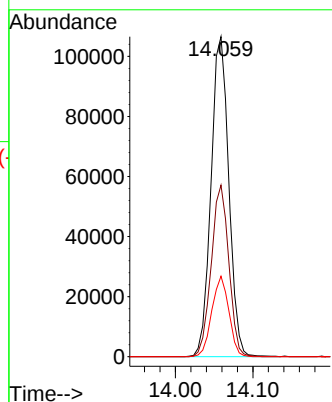
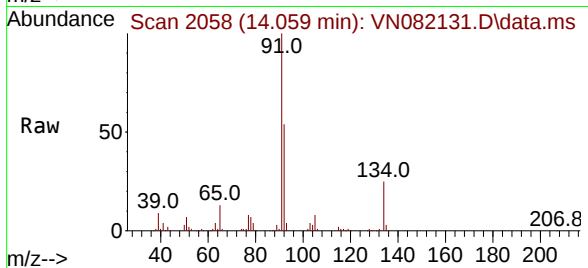
Tgt Ion:	91	Resp:	16958
Ion Ratio	Lower	Upper	
91	100		
92	53.0	26.2	78.5
134	24.1	13.2	39.5

Manual Integrations

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Reviewed By :John Carlone 05/16/2024

Supervised By :Mahesh Dadoda 05/16/2024



#90

Hexachloroethane

Concen: 21.308 ug/l

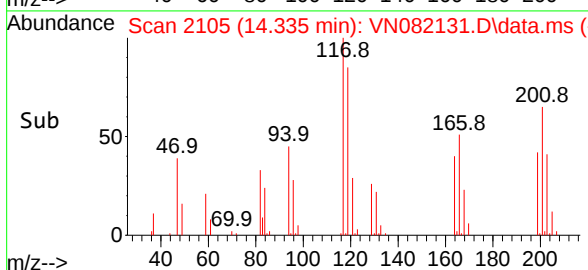
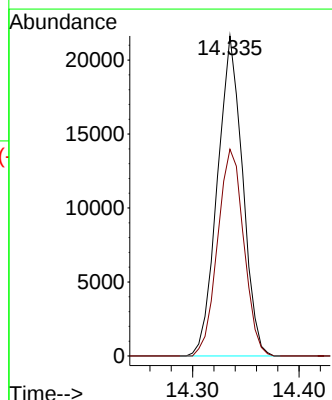
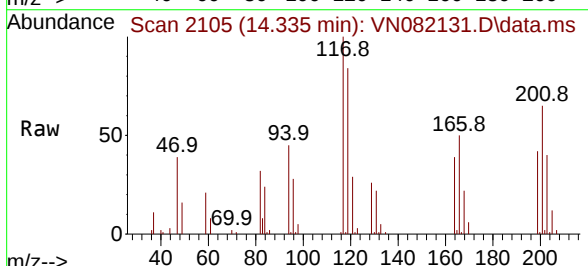
RT: 14.335 min Scan# 2105

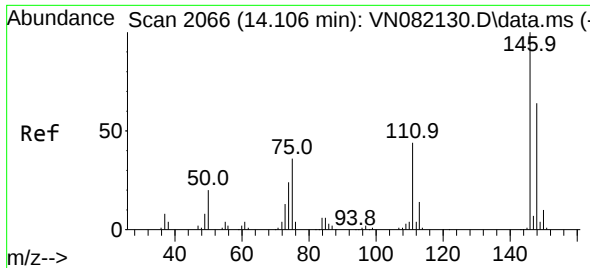
Delta R.T. 0.000 min

Lab File: VN082131.D

Acq: 15 May 2024 14:13

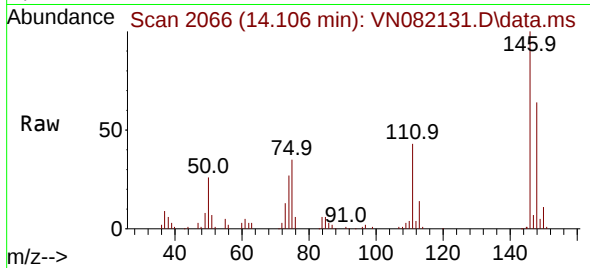
Tgt Ion:	117	Resp:	35468
Ion Ratio	Lower	Upper	
117	100		
201	67.2	33.3	99.8





#91
1,2-Dichlorobenzene
Concen: 20.728 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN082131.D
Acq: 15 May 2024 14:13

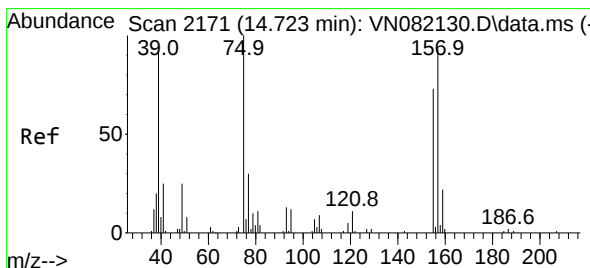
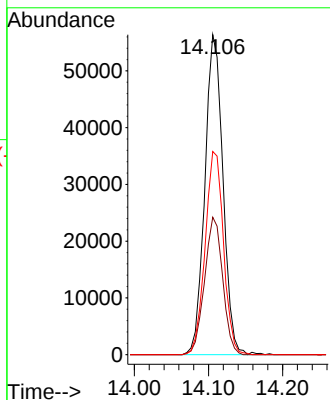
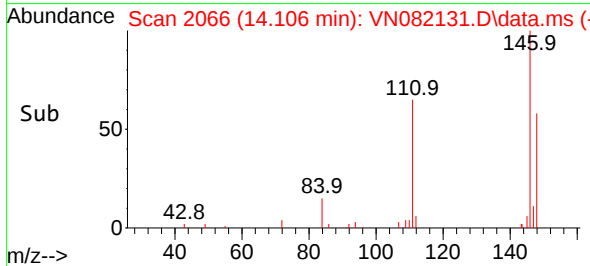
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



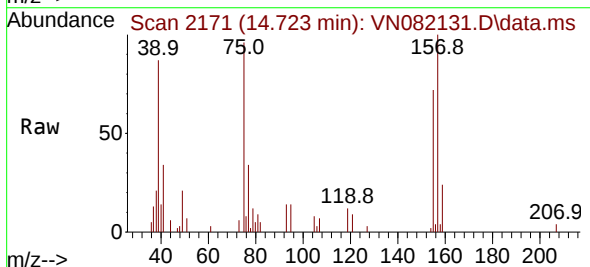
Tgt Ion:146 Resp: 95504
Ion Ratio Lower Upper
146 100
111 43.1 21.3 64.0
148 64.5 31.8 95.4

Manual Integrations
APPROVED

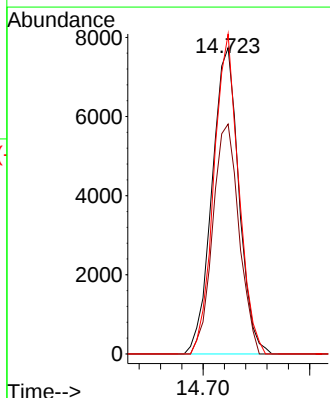
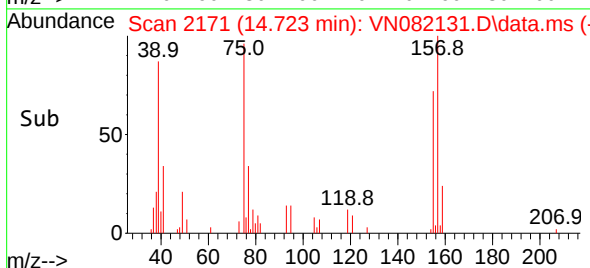
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024

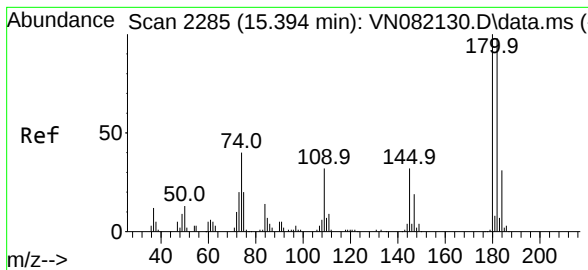


#92
1,2-Dibromo-3-Chloropropane
Concen: 20.267 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN082131.D
Acq: 15 May 2024 14:13



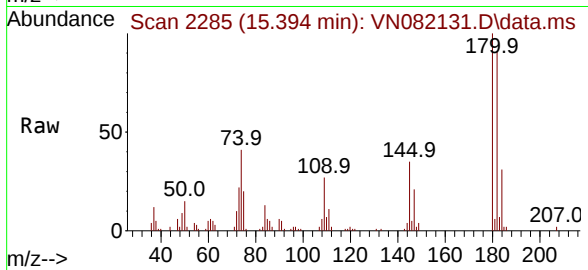
Tgt Ion: 75 Resp: 13533
Ion Ratio Lower Upper
75 100
155 73.4 42.6 128.0
157 96.2 53.0 159.0





#93
1,2,4-Trichlorobenzene
Concen: 20.231 ug/l
RT: 15.394 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN082131.D
Acq: 15 May 2024 14:13

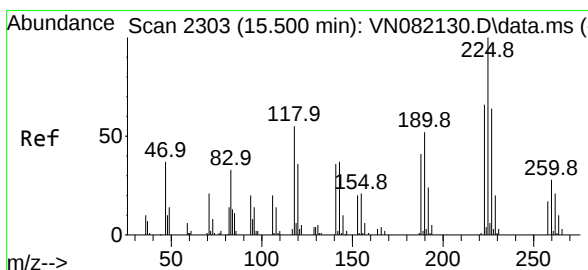
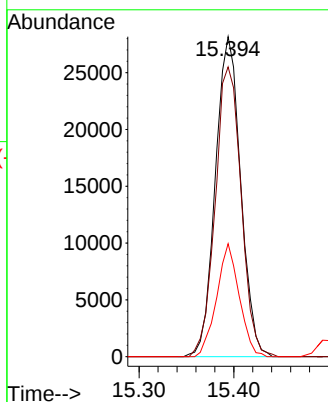
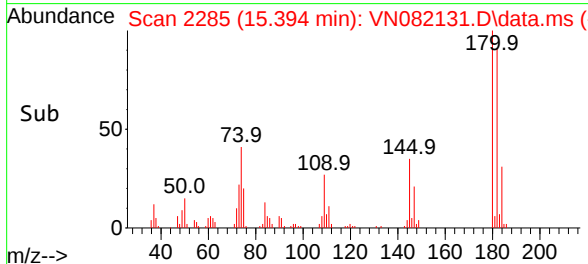
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



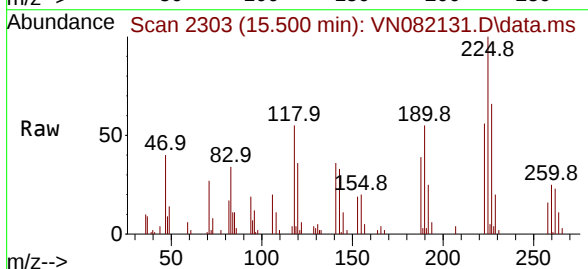
Tgt Ion:180 Resp: 52250
Ion Ratio Lower Upper
180 100
182 92.7 46.7 140.0
145 31.6 16.2 48.6

Manual Integrations
APPROVED

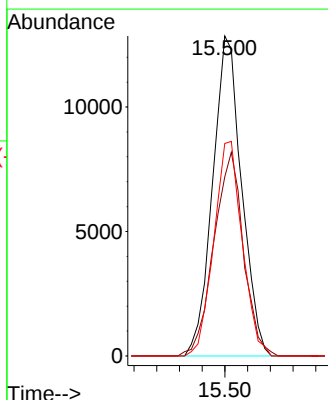
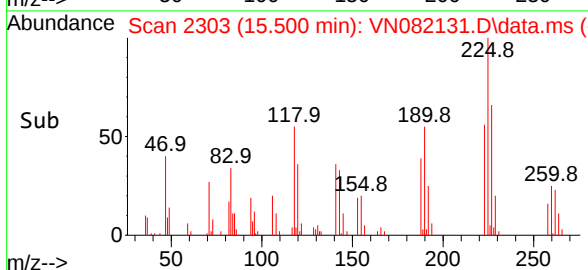
Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024

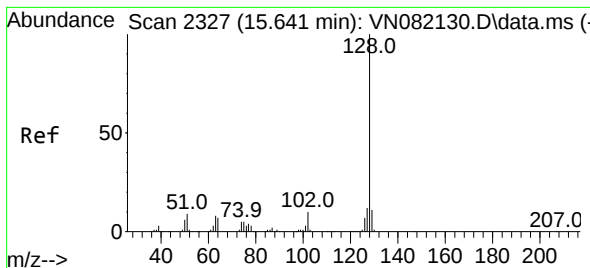


#94
Hexachlorobutadiene
Concen: 20.044 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. 0.000 min
Lab File: VN082131.D
Acq: 15 May 2024 14:13



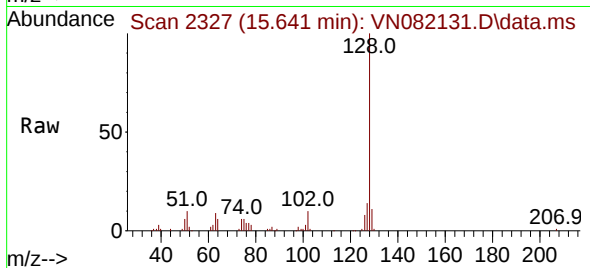
Tgt Ion:225 Resp: 22715
Ion Ratio Lower Upper
225 100
223 65.1 31.1 93.2
227 65.9 30.6 91.6





#95
Naphthalene
Concen: 20.871 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN082131.D
Acq: 15 May 2024 14:13

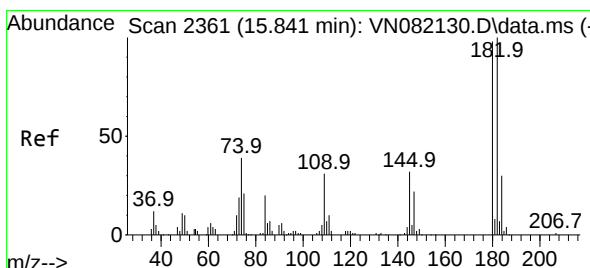
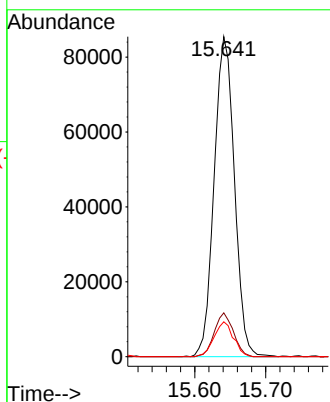
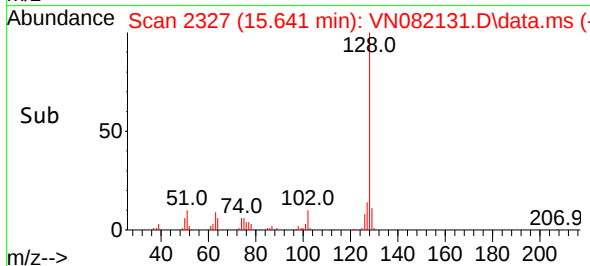
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion:128 Resp: 168920
Ion Ratio Lower Upper
128 100
127 12.9 10.1 15.1
129 10.5 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :John Carbone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024



#96
1,2,3-Trichlorobenzene
Concen: 20.141 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN082131.D
Acq: 15 May 2024 14:13

Tgt Ion:180 Resp: 52074
Ion Ratio Lower Upper
180 100
182 98.0 46.0 137.8
145 34.8 17.1 51.3

