

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032024\
 Data File : VN081498.D
 Acq On : 20 Mar 2024 16:58
 Operator : JC\MD
 Sample : P1784-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Mar 21 01:22:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 06:00:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	526981	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.100	114	888547	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	754543	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	335591	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	306898	45.667	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	91.340%		
35) Dibromofluoromethane	8.165	113	265883	47.414	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.820%		
50) Toluene-d8	10.571	98	1040079	51.309	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	102.620%		
62) 4-Bromofluorobenzene	12.847	95	334988	46.899	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	93.800%		
Target Compounds						
						Qvalue
3) Chloromethane	2.365	50	1554	0.220	ug/l	# 43
5) Bromomethane	2.971	94	1142	0.204	ug/l	# 22
13) Acrolein	4.159	56	649	0.618	ug/l	# 1
14) Allyl chloride	5.136	41	35497	4.555	ug/l	# 74
15) Acrylonitrile	5.818	53	27155	8.667	ug/l	# 35
16) Acetone	4.424	43	73487	33.836	ug/l	# 84
18) Methyl Acetate	5.124	43	23120	3.453	ug/l	# 54
20) Methylene Chloride	5.289	84	3781	0.531	ug/l	# 1
23) Vinyl Acetate	6.594	43	13462	0.934	ug/l	# 75
25) 2-Butanone	7.483	43	39856	10.699	ug/l	99
29) Tetrahydrofuran	7.818	42	627	0.250	ug/l	# 38
30) Chloroform	7.930	83	19188	1.478	ug/l	# 18
31) Cyclohexane	8.259	56	790527	72.287	ug/l	# 69
36) 1,1-Dichloropropene	8.224	75	43068	4.564	ug/l	# 53
37) Ethyl Acetate	7.483	43	39856	4.932	ug/l	# 70
38) Carbon Tetrachloride	8.224	117	56439	5.459	ug/l	# 20
39) Methylcyclohexane	9.600	83	953725	90.498	ug/l	88
41) Methacrylonitrile	7.736	41	5143	1.203	ug/l	# 6
43) Isopropyl Acetate	8.712	43	40605	3.031	ug/l	# 57
45) 1,2-Dichloropropane	9.600	63	11997	1.794	ug/l	# 1
47) Bromodichloromethane	9.600	83	606188	61.058	ug/l	# 23
48) Methyl methacrylate	9.600	41	430874	69.740	ug/l	# 83
52) Toluene	10.630	92	213197	12.158	ug/l	100
55) 1,1,2-Trichloroethane	11.006	97	32428	4.595	ug/l	# 16
56) Ethyl methacrylate	10.912	69	11464	1.767	ug/l	# 18
59) 2-Hexanone	11.200	43	8799	1.456	ug/l	80
67) Ethyl Benzene	11.965	91	746223	24.084	ug/l	100
68) m/p-Xylenes	12.071	106	2661227	229.106	ug/l	95
69) o-Xylene	12.400	106	1265295	110.957	ug/l	95
70) Styrene	12.400	104	64854	3.526	ug/l	# 1
73) Isopropylbenzene	12.694	105	306063	10.699	ug/l	97
76) 1,2,3-Trichloropropane	13.100	75	20156	2.511	ug/l	# 1
78) n-propylbenzene	13.035	91	622804	18.436	ug/l	96
79) 2-Chlorotoluene	13.100	91	273768	13.540	ug/l	# 45
80) 1,3,5-Trimethylbenzene	13.176	105	838734	35.499	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.847	75	178428	60.065	ug/l	# 14

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 19 06:00:00 2024
Response via : Initial Calibration

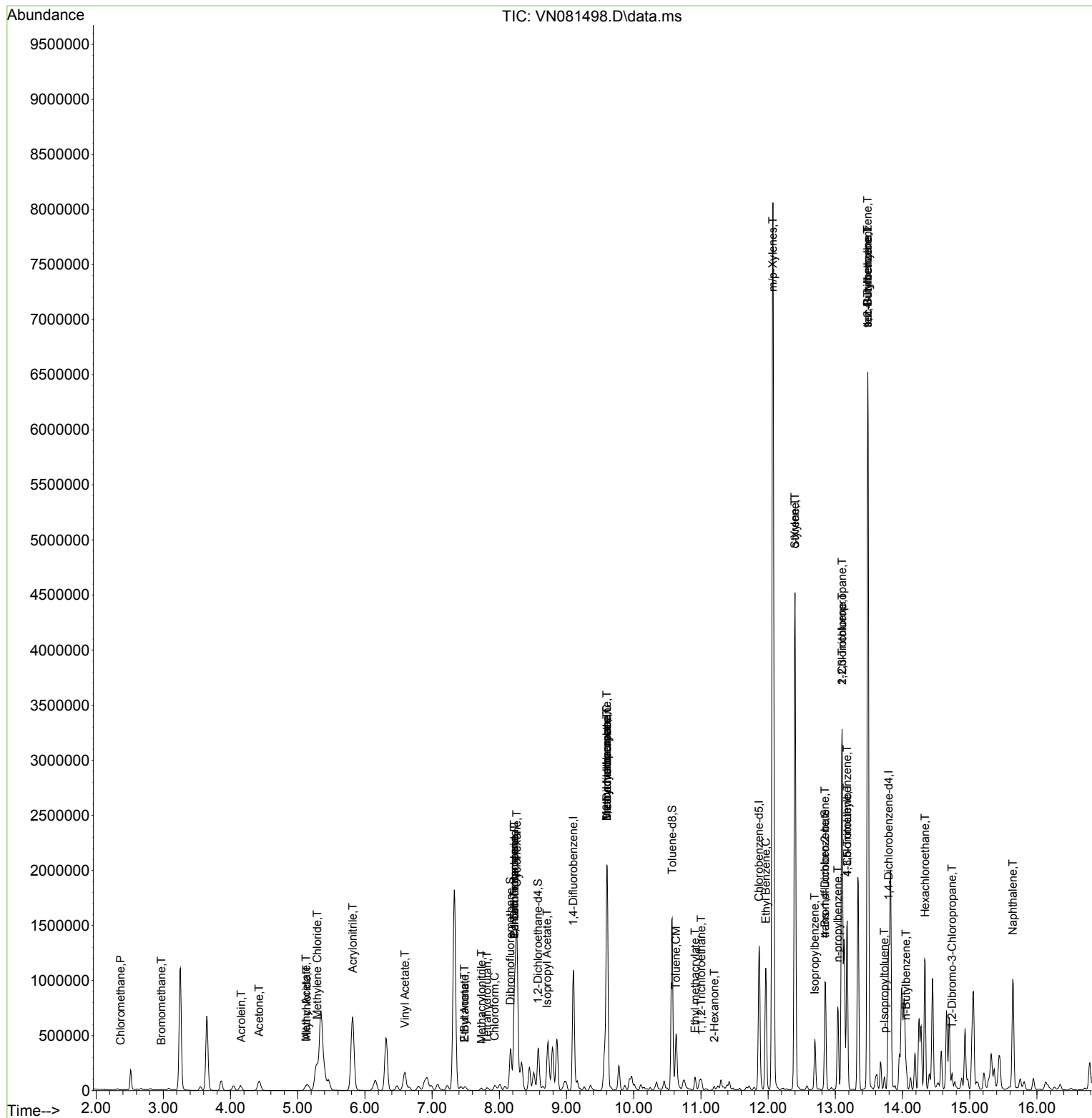
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
82) 4-Chlorotoluene	13.176	91	90882	4.559	ug/l #	44
83) tert-Butylbenzene	13.482	119	456793	22.420	ug/l #	72
84) 1,2,4-Trimethylbenzene	13.482	105	3766179	158.596	ug/l	95
85) sec-Butylbenzene	13.482	105	3766179	129.305	ug/l #	60
86) p-Isopropyltoluene	13.729	119	61406	2.579	ug/l	98
89) n-Butylbenzene	14.053	91	83637	3.962	ug/l #	75
90) Hexachloroethane	14.335	117	61863	13.720	ug/l #	21
92) 1,2-Dibromo-3-Chloropr...	14.735	75	466	0.260	ug/l #	13
95) Naphthalene	15.641	128	934116	39.898	ug/l	99

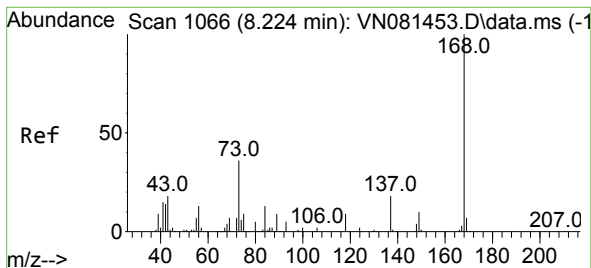
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1

Delta R.T. -0.000 min

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Instrument :

MSVOA_N

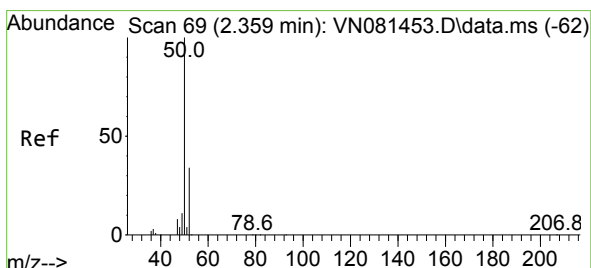
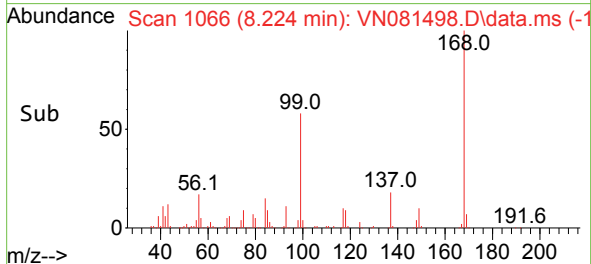
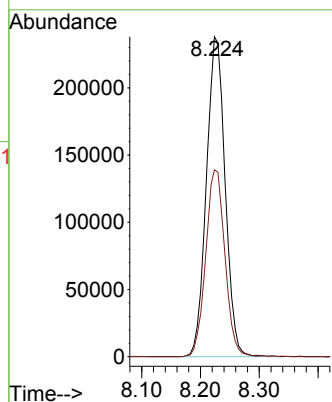
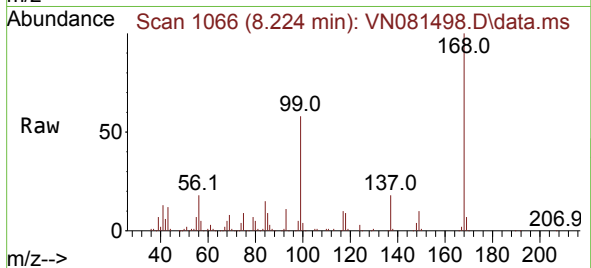
ClientSampleId :

Tgt Ion:168 Resp: 526981

Ion Ratio Lower Upper

168 100

99 58.4 59.9 89.9#



#3

Chloromethane

Concen: 0.220 ug/l

RT: 2.365 min Scan# 70

Delta R.T. 0.006 min

Lab File: VN081498.D

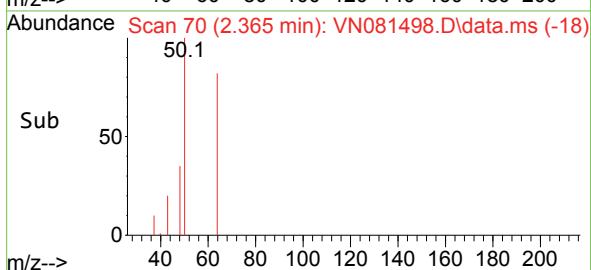
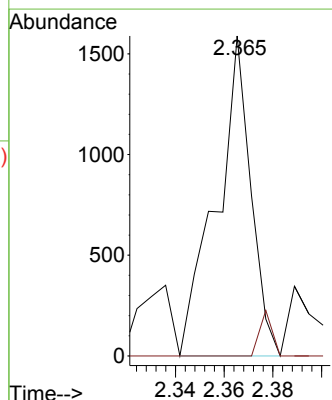
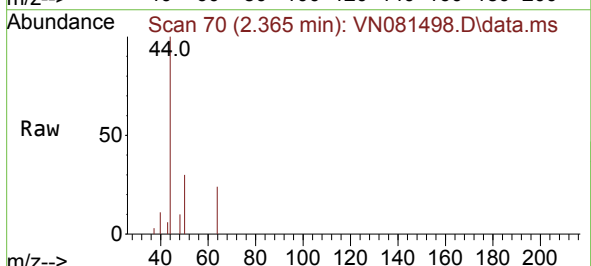
Acq: 20 Mar 2024 16:58

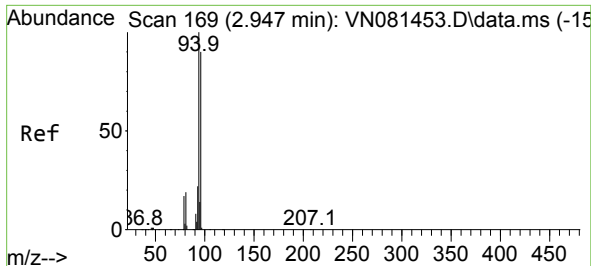
Tgt Ion: 50 Resp: 1554

Ion Ratio Lower Upper

50 100

52 0.0 25.0 37.4#

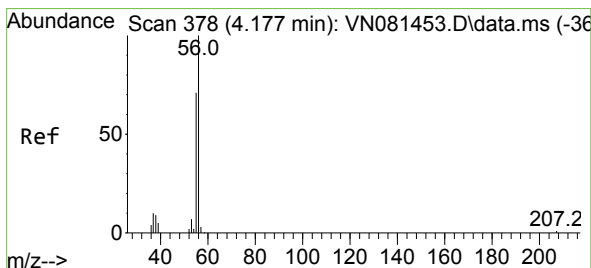
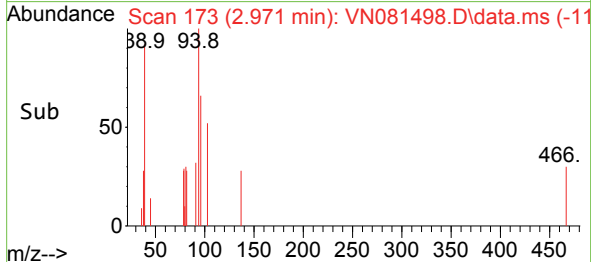
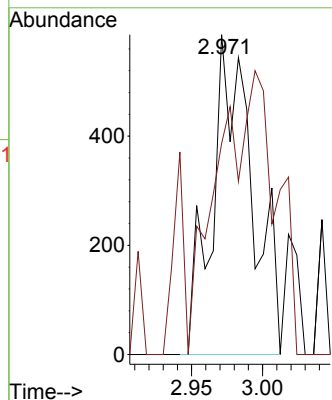
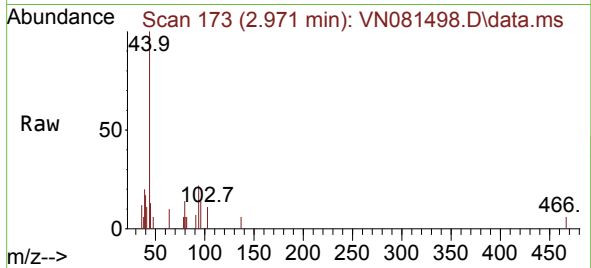




#5
Bromomethane
Concen: 0.204 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.024 min
Lab File: VN081498.D
Acq: 20 Mar 2024 16:58

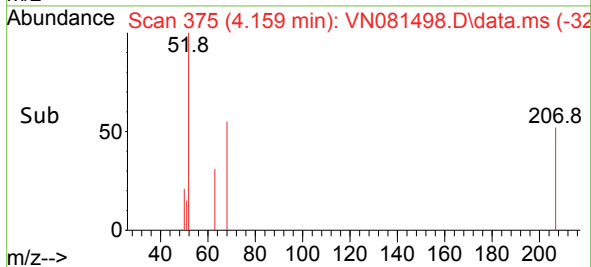
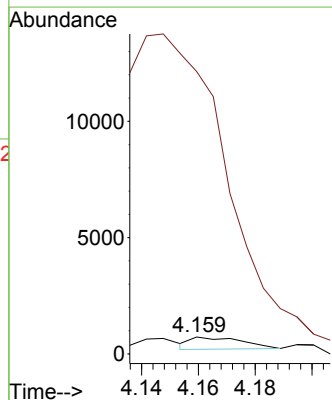
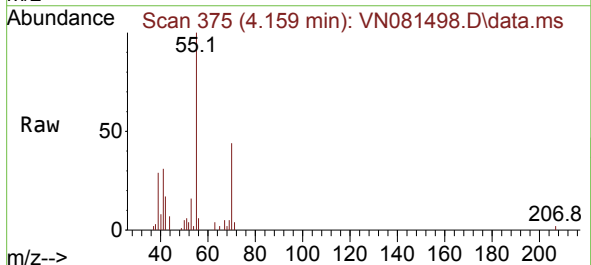
Instrument :
MSVOA_N
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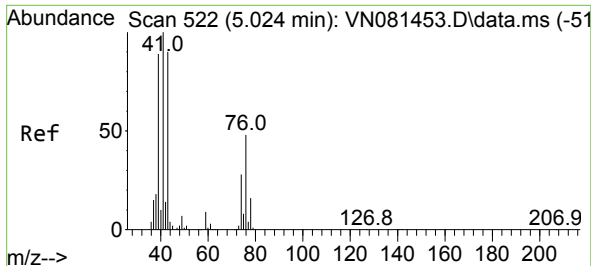
Tgt Ion: 94 Resp: 1142
Ion Ratio Lower Upper
94 100
96 14.5 69.2 103.8#



#13
Acrolein
Concen: 0.618 ug/l
RT: 4.159 min Scan# 375
Delta R.T. -0.017 min
Lab File: VN081498.D
Acq: 20 Mar 2024 16:58

Tgt Ion: 56 Resp: 649
Ion Ratio Lower Upper
56 100
55 6467.5 55.3 82.9#





#14

Allyl chloride

Concen: 4.555 ug/l

RT: 5.136 min Scan# 541

Delta R.T. 0.112 min

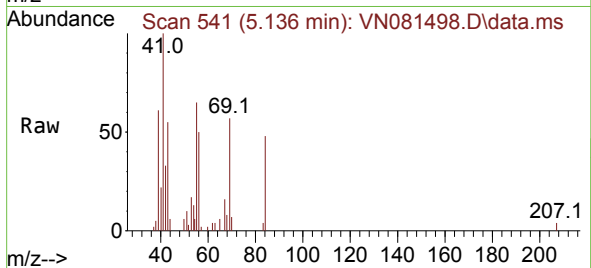
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Acq: 20 Mar 2024 16:58

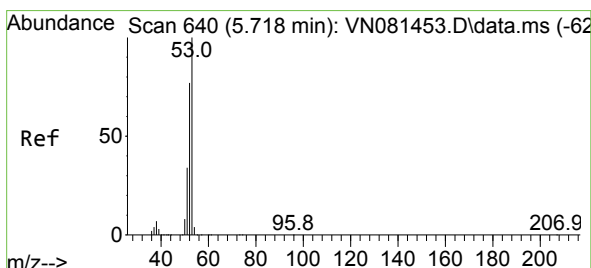
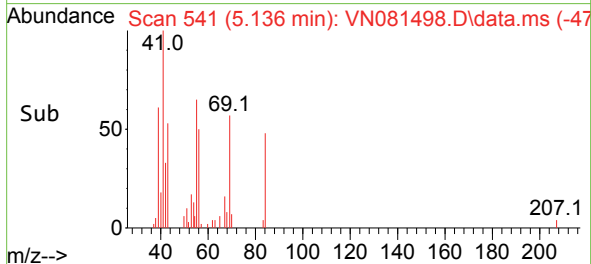
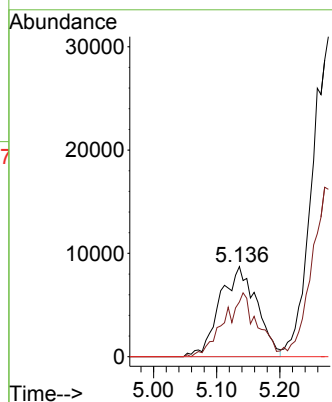
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	41	Resp:	35497
Ion	Ratio	Lower	Upper
41	100		
39	63.7	57.7	86.5
76	0.0	26.8	40.2#



#15

Acrylonitrile

Concen: 8.667 ug/l

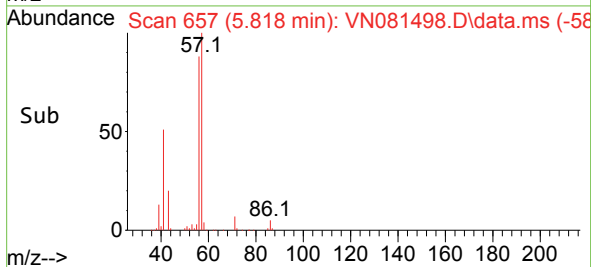
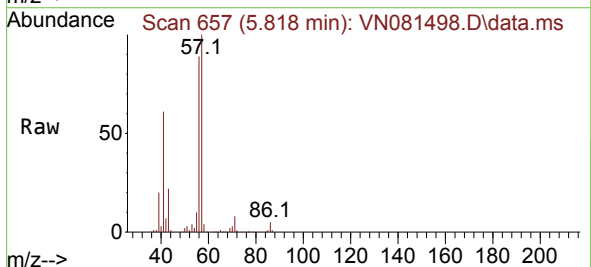
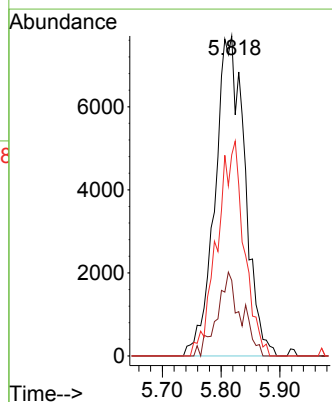
RT: 5.818 min Scan# 657

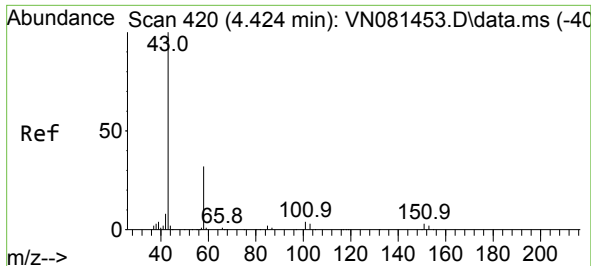
Delta R.T. 0.100 min

Lab File: VN081498.D

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Tgt Ion:	53	Resp:	27155
Ion	Ratio	Lower	Upper
53	100		
52	17.1	64.8	97.2#
51	61.0	26.9	40.3#

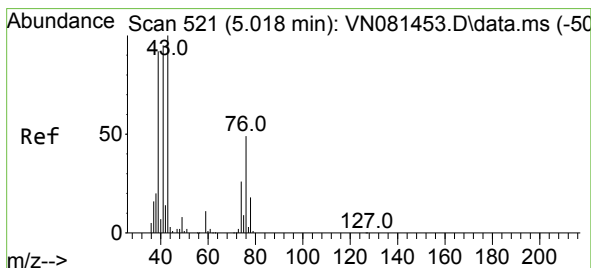
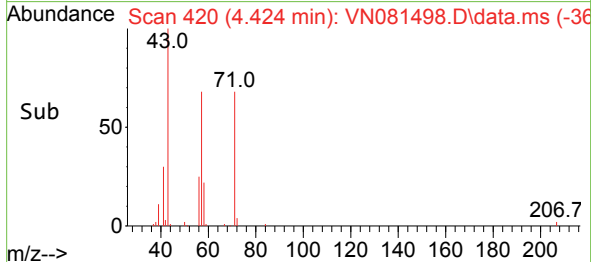
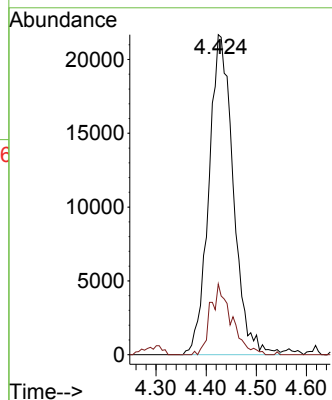
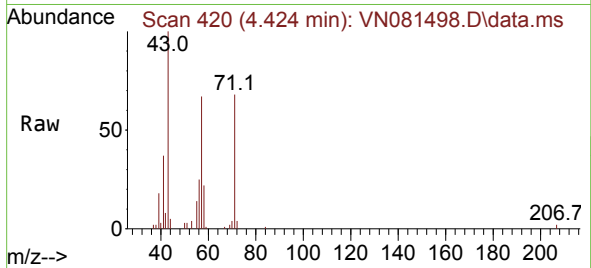




#16
Acetone
Concen: 33.836 ug/l
RT: 4.424 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN081498.D
Acq: 20 Mar 2024 16:58

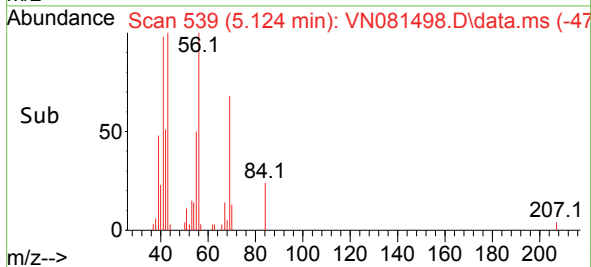
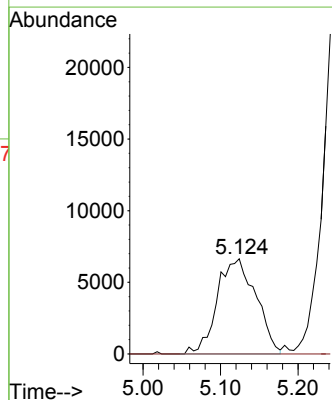
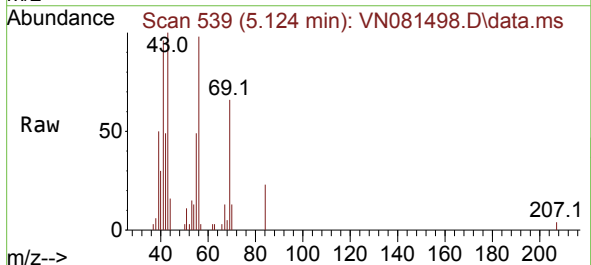
Instrument :
MSVOA_N
ClientSampleId :

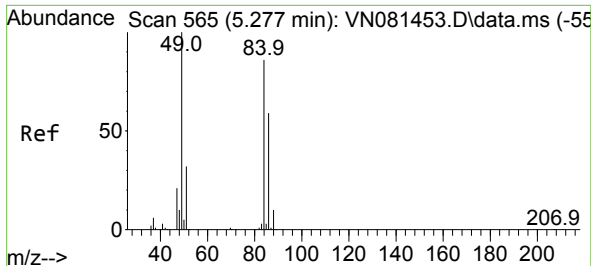
Tgt Ion: 43 Resp: 73487
Ion Ratio Lower Upper
43 100
58 22.1 24.8 37.2#



#18
Methyl Acetate
Concen: 3.453 ug/l
RT: 5.124 min Scan# 539
Delta R.T. 0.106 min
Lab File: VN081498.D
Acq: 20 Mar 2024 16:58

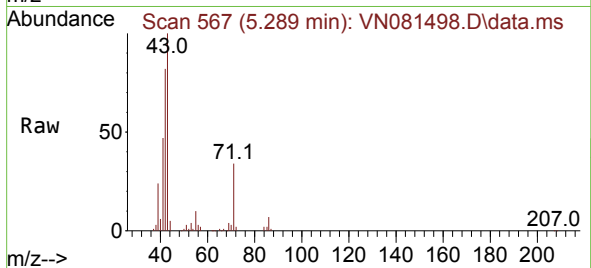
Tgt Ion: 43 Resp: 23120
Ion Ratio Lower Upper
43 100
74 0.0 17.3 25.9#



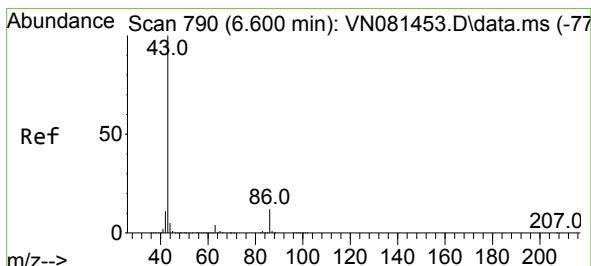
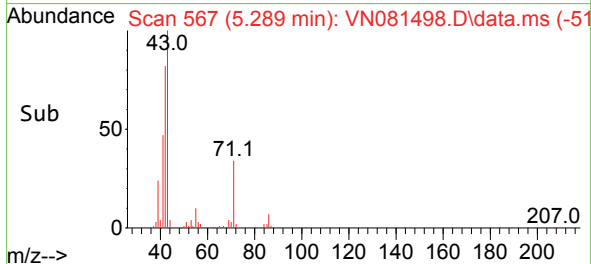
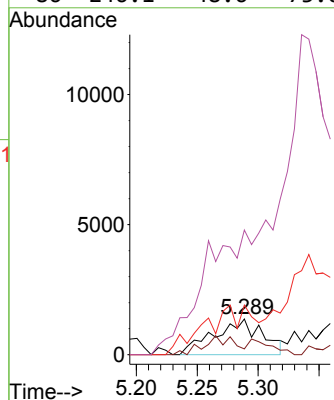


#20
Methylene Chloride
Concen: 0.531 ug/l
RT: 5.289 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN081498.D
Acq: 20 Mar 2024 16:58

Instrument :
MSVOA_N
ClientSampleId :

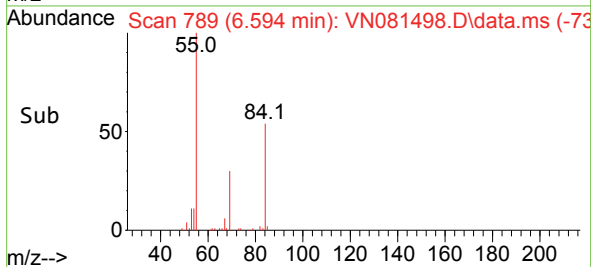
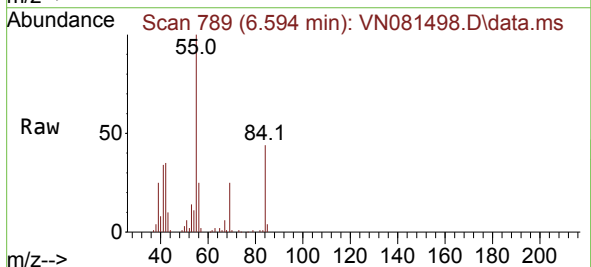
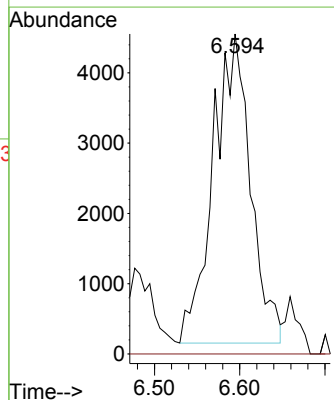


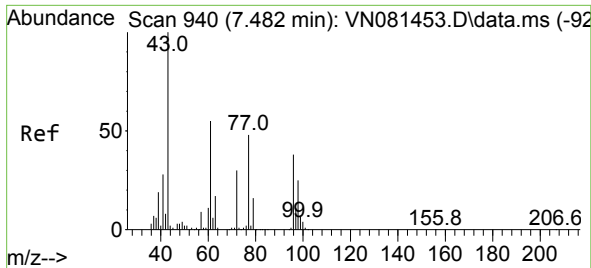
Tgt Ion: 84 Resp: 3781
Ion Ratio Lower Upper
84 100
49 5.0 108.1 162.1#
51 82.0 32.9 49.3#
86 246.1 48.6 73.0#



#23
Vinyl Acetate
Concen: 0.934 ug/l
RT: 6.594 min Scan# 789
Delta R.T. -0.006 min
Lab File: VN081498.D
Acq: 20 Mar 2024 16:58

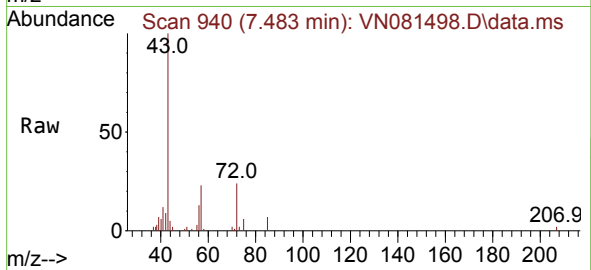
Tgt Ion: 43 Resp: 13462
Ion Ratio Lower Upper
43 100
86 0.0 7.1 10.7#



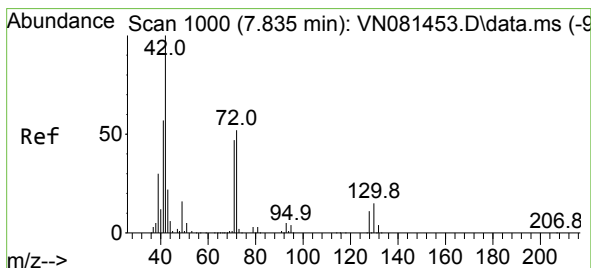
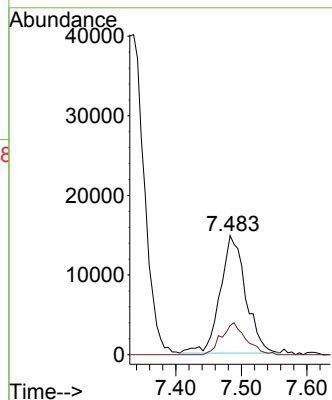
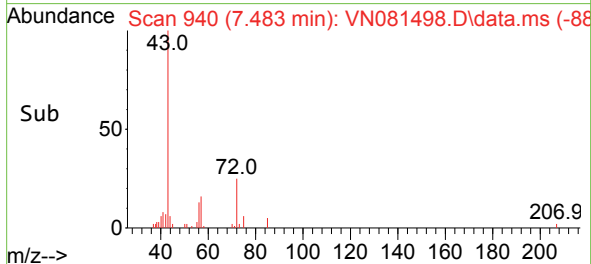


#25
2-Butanone
Concen: 10.699 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN081498.D
Acq: 20 Mar 2024 16:58

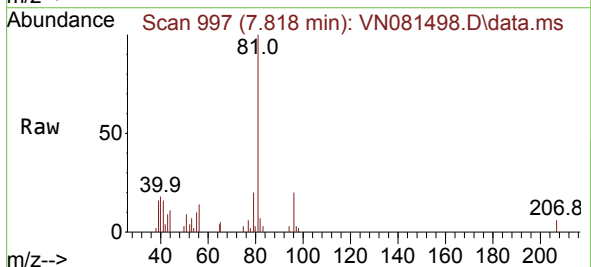
Instrument :
MSVOA_N
ClientSampleId :



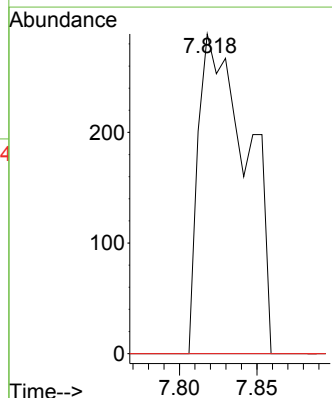
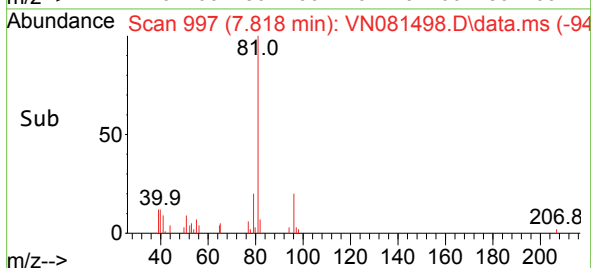
Tgt Ion: 43 Resp: 39856
Ion Ratio Lower Upper
43 100
72 24.7 19.5 29.3

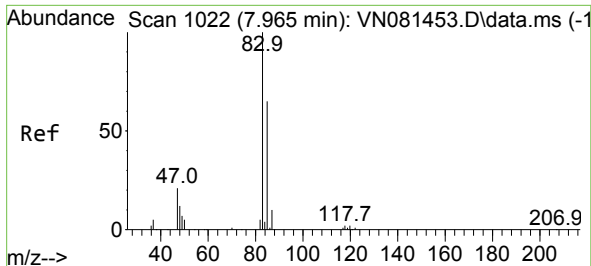


#29
Tetrahydrofuran
Concen: 0.250 ug/l
RT: 7.818 min Scan# 997
Delta R.T. -0.017 min
Lab File: VN081498.D
Acq: 20 Mar 2024 16:58



Tgt Ion: 42 Resp: 627
Ion Ratio Lower Upper
42 100
72 0.0 31.1 46.7#
71 0.0 28.3 42.5#

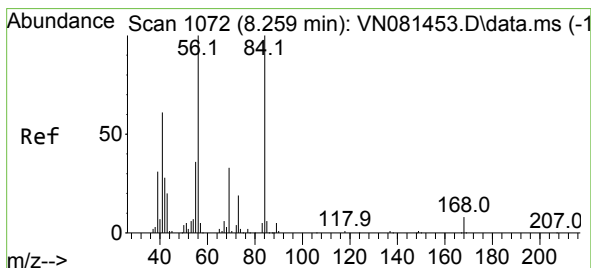
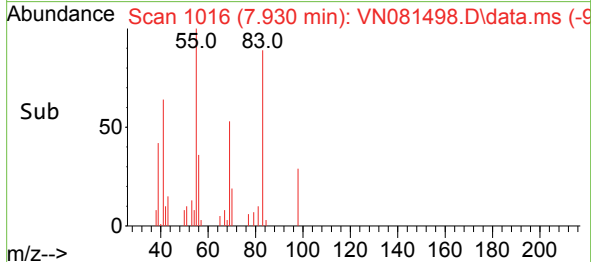
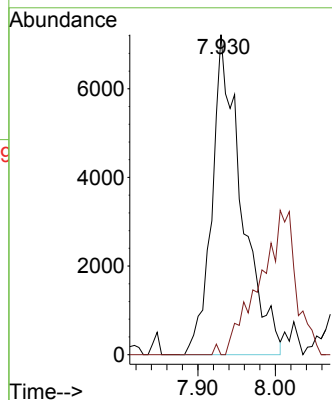
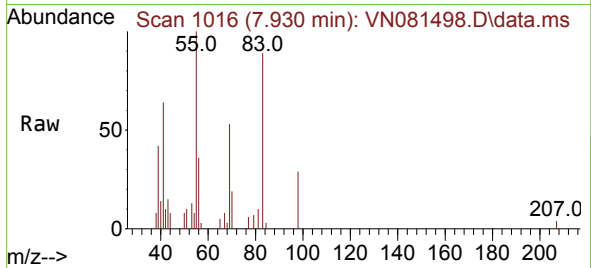




#30
Chloroform
Concen: 1.478 ug/l
RT: 7.930 min Scan# 1016
Delta R.T. -0.035 min
Lab File: VN081498.D
Acq: 20 Mar 2024 16:58

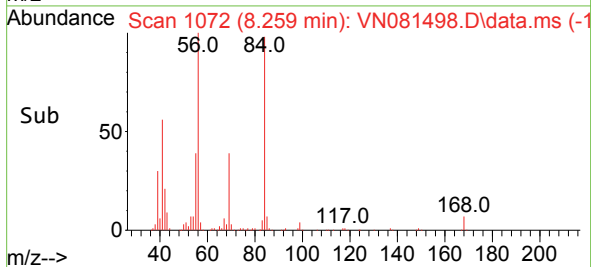
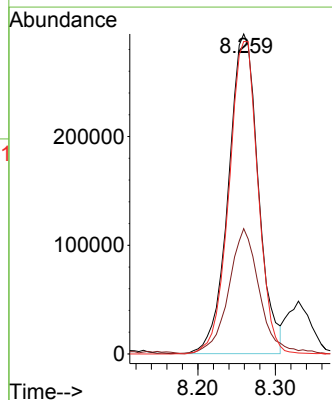
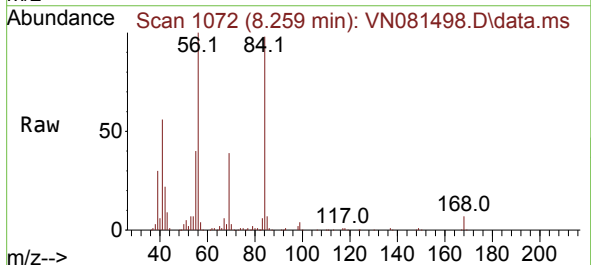
Instrument :
MSVOA_N
ClientSampleId :

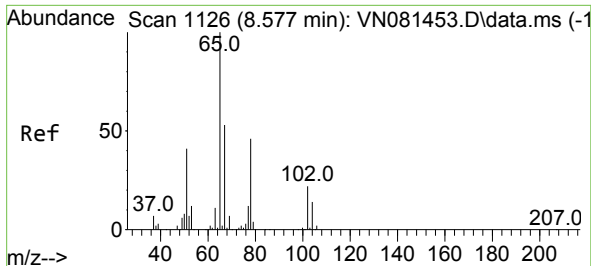
Tgt Ion: 83 Resp: 19188
Ion Ratio Lower Upper
83 100
85 0.0 51.0 76.6#



#31
Cyclohexane
Concen: 72.287 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN081498.D
Acq: 20 Mar 2024 16:58

Tgt Ion: 56 Resp: 790527
Ion Ratio Lower Upper
56 100
69 39.0 20.1 30.1#
84 97.7 56.9 85.3#





#33

1,2-Dichloroethane-d4

Concen: 45.667 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN081498.D

Acq: 20 Mar 2024 16:58

Instrument :

MSVOA_N

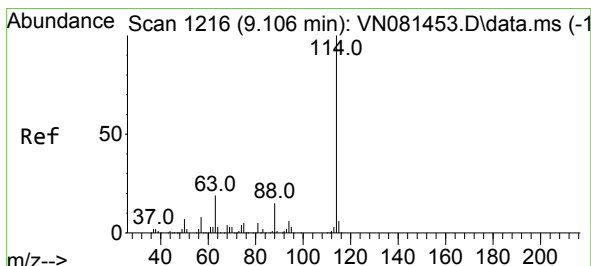
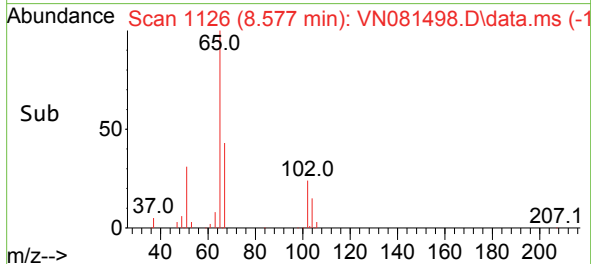
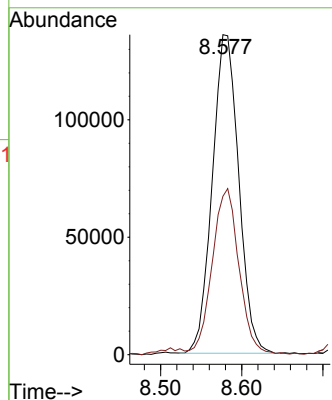
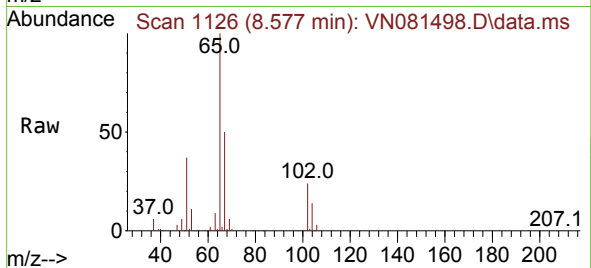
ClientSampleId :

Tgt Ion: 65 Resp: 306898

Ion Ratio Lower Upper

65 100

67 52.7 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN081498.D

Acq: 20 Mar 2024 16:58

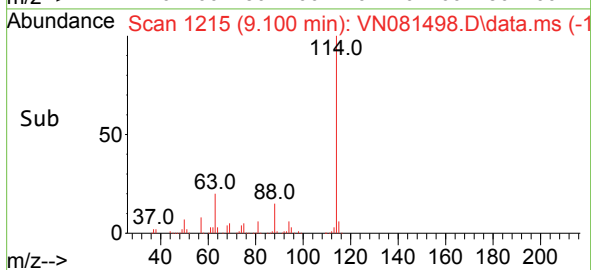
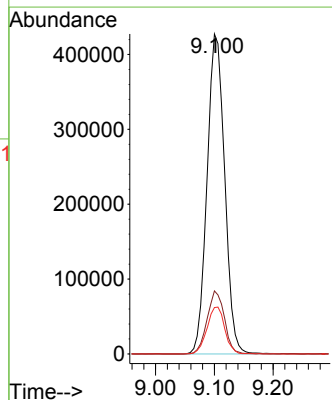
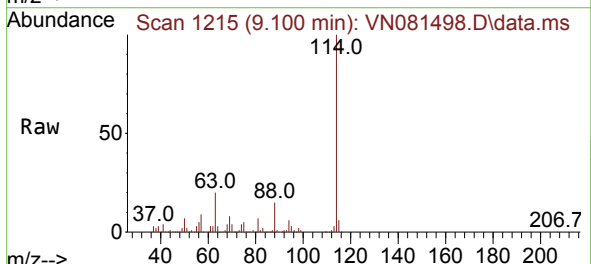
Tgt Ion: 114 Resp: 888547

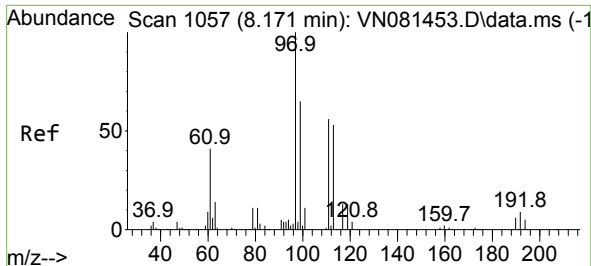
Ion Ratio Lower Upper

114 100

63 19.7 0.0 48.0

88 14.5 0.0 34.8





#35

Dibromofluoromethane

Concen: 47.414 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.006 min

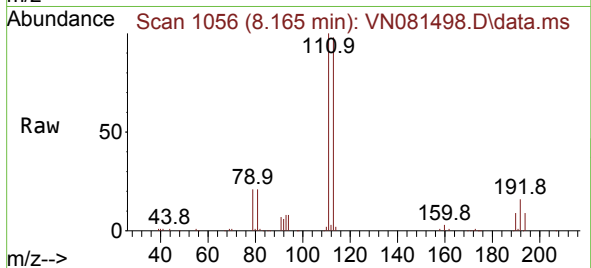
Lab File: VN081498.D

Acq: 20 Mar 2024 16:58

Instrument :

MSVOA_N

ClientSampleId :



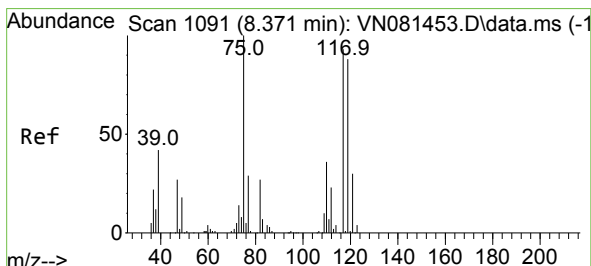
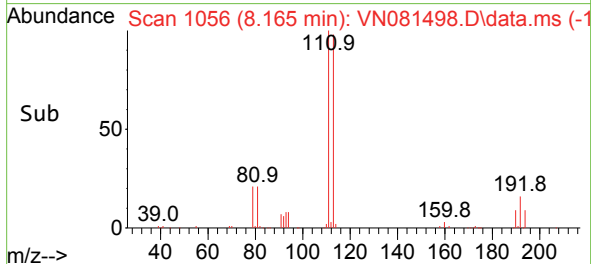
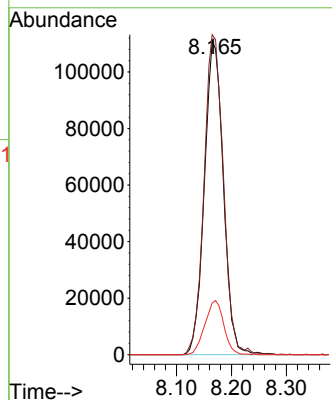
Tgt Ion:113 Resp: 265883

Ion Ratio Lower Upper

113 100

111 103.8 82.2 123.4

192 17.3 12.5 18.7



#36

1,1-Dichloropropene

Concen: 4.564 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN081498.D

Acq: 20 Mar 2024 16:58

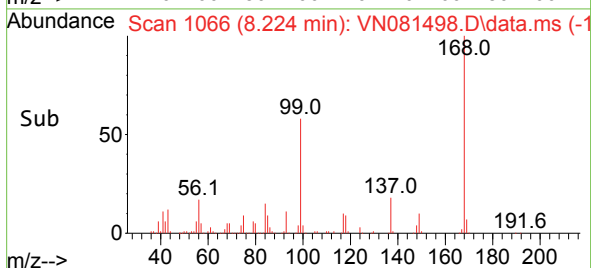
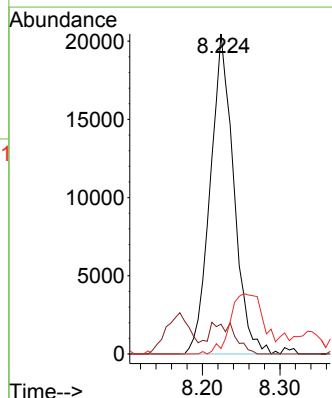
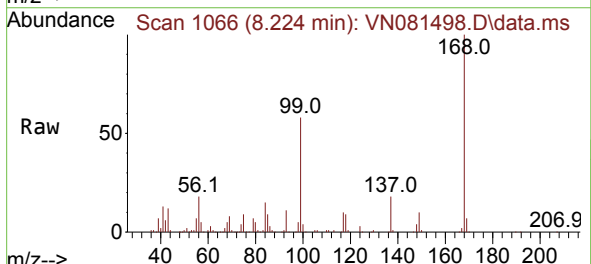
Tgt Ion: 75 Resp: 43068

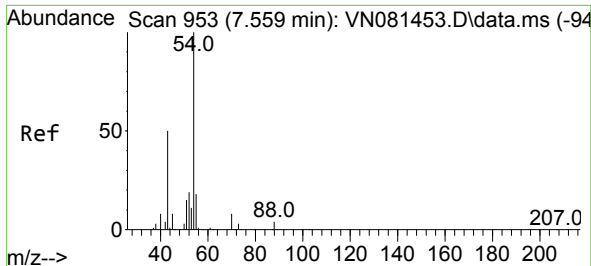
Ion Ratio Lower Upper

75 100

110 11.2 16.0 48.0#

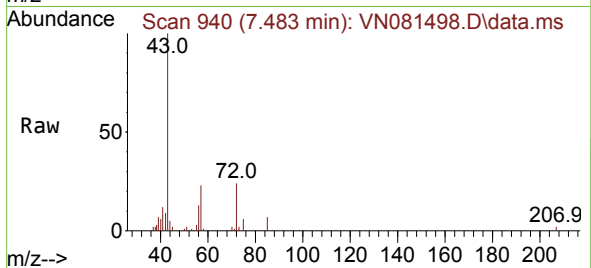
77 0.0 25.8 38.6#



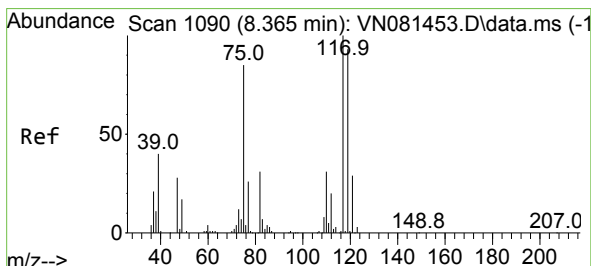
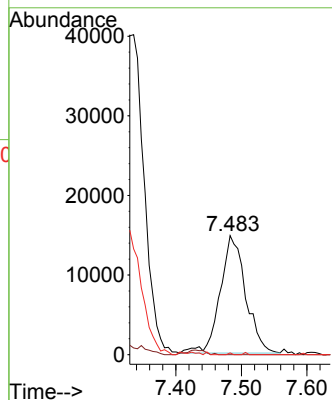
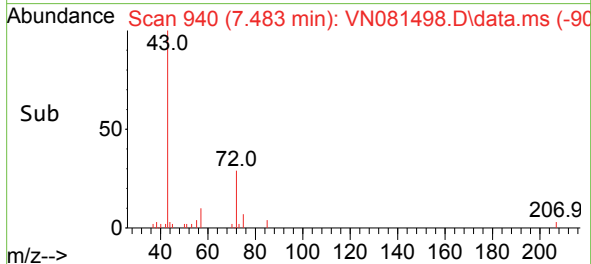


#37
Ethyl Acetate
Concen: 4.932 ug/l
RT: 7.483 min Scan# 94
Delta R.T. -0.076 min
Lab File: VN081498.D
Acq: 20 Mar 2024 16:58

Instrument :
MSVOA_N
ClientSampleId :

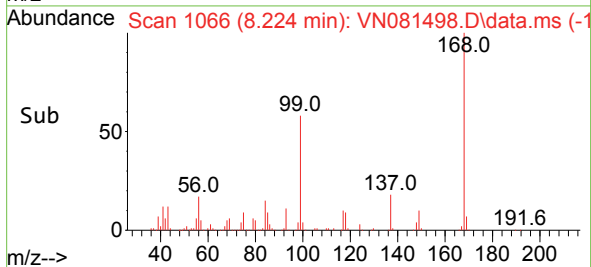
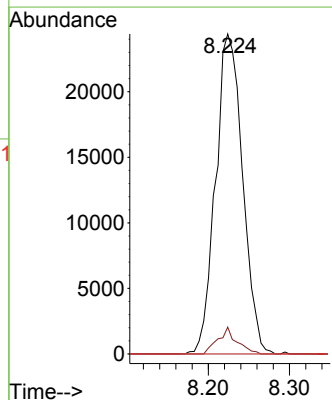
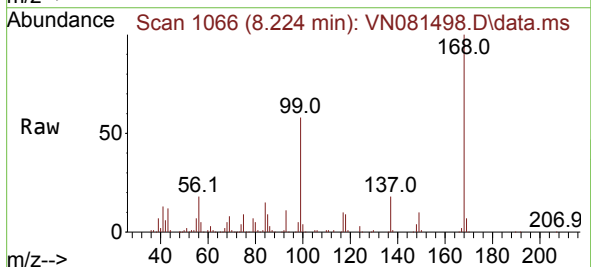


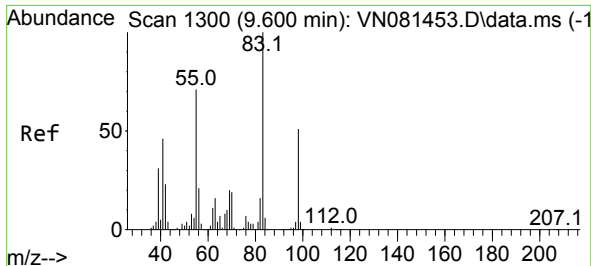
Tgt Ion: 43 Resp: 39856
Ion Ratio Lower Upper
43 100
61 0.0 10.6 15.8#
70 0.0 8.0 12.0#



#38
Carbon Tetrachloride
Concen: 5.459 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.141 min
Lab File: VN081498.D
Acq: 20 Mar 2024 16:58

Tgt Ion: 117 Resp: 56439
Ion Ratio Lower Upper
117 100
119 8.4 73.4 110.2#
121 0.0 24.4 36.6#





#39

Methylcyclohexane

Concen: 90.498 ug/l

RT: 9.600 min Scan# 11

Delta R.T. 0.000 min

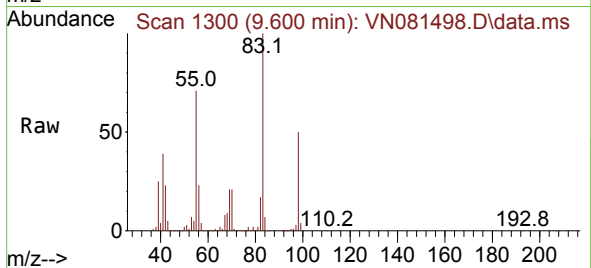
Lab File: VN081498.D

Acq: 20 Mar 2024 16:58

Instrument :

MSVOA_N

ClientSampleId :



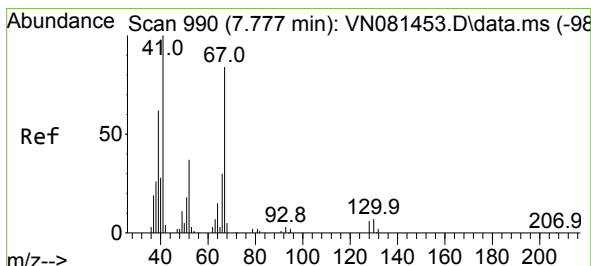
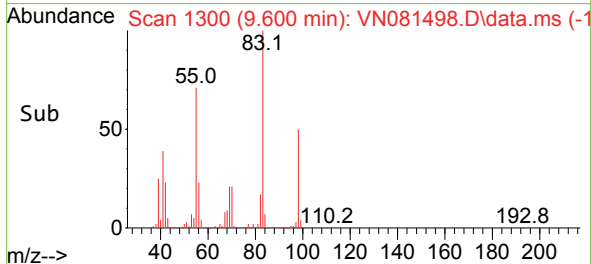
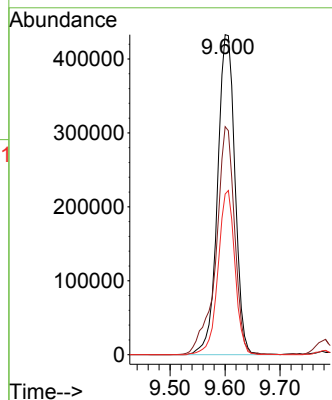
Tgt Ion: 83 Resp: 953725

Ion Ratio Lower Upper

83 100

55 71.2 65.7 98.5

98 50.2 33.8 50.6



#41

Methacrylonitrile

Concen: 1.203 ug/l

RT: 7.736 min Scan# 983

Delta R.T. -0.041 min

Lab File: VN081498.D

Acq: 20 Mar 2024 16:58

Tgt Ion: 41 Resp: 5143

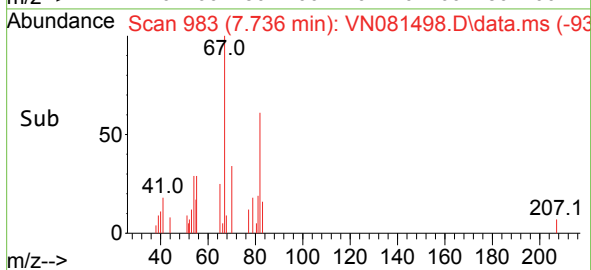
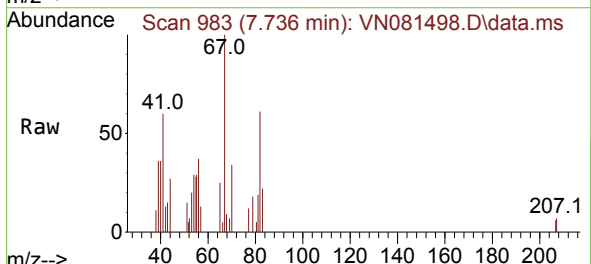
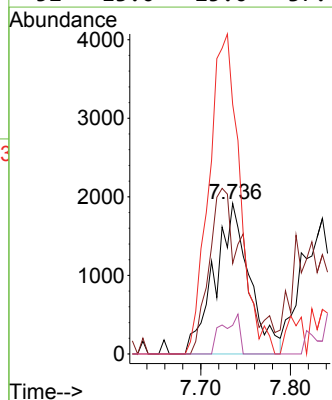
Ion Ratio Lower Upper

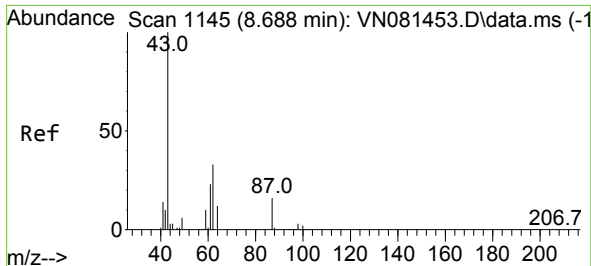
41 100

39 110.7 48.4 72.6#

67 189.7 56.8 85.2#

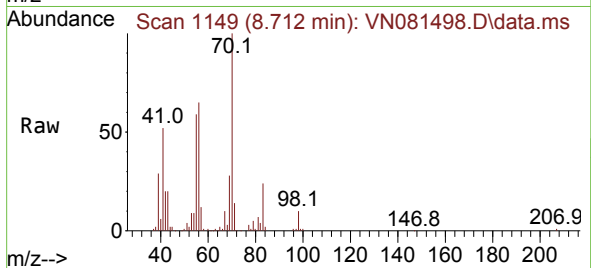
52 13.0 25.0 37.4#



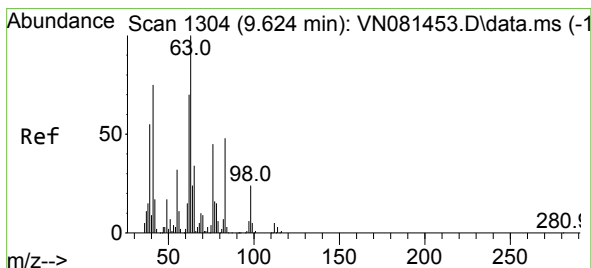
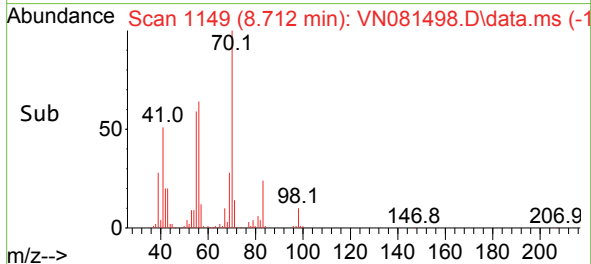
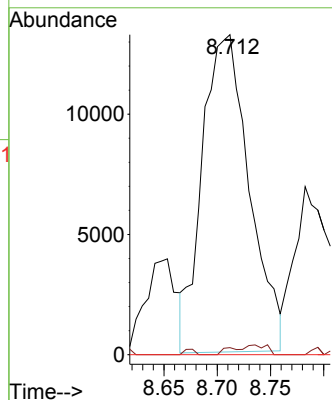


#43
Isopropyl Acetate
Concen: 3.031 ug/l
RT: 8.712 min Scan# 1149
Delta R.T. 0.024 min
Lab File: VN081498.D
Acq: 20 Mar 2024 16:58

Instrument :
MSVOA_N
ClientSampleId :

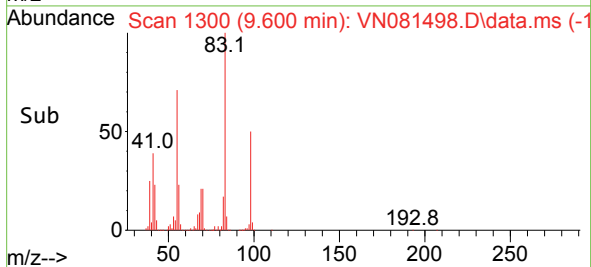
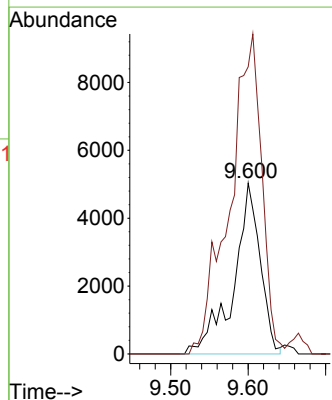
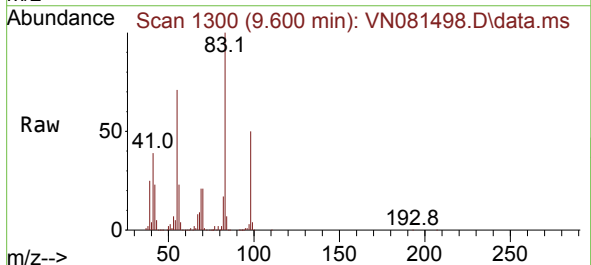


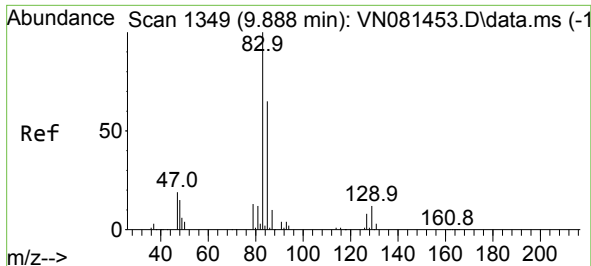
Tgt Ion: 43 Resp: 40605
Ion Ratio Lower Upper
43 100
61 0.7 19.9 29.9#
87 0.0 9.0 13.6#



#45
1,2-Dichloropropane
Concen: 1.794 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. -0.023 min
Lab File: VN081498.D
Acq: 20 Mar 2024 16:58

Tgt Ion: 63 Resp: 11997
Ion Ratio Lower Upper
63 100
65 168.2 26.1 39.1#





#47

Bromodichloromethane

Concen: 61.058 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. -0.288 min

Lab File: VN081498.D

Acq: 20 Mar 2024 16:58

Instrument :

MSVOA_N

ClientSampleId :

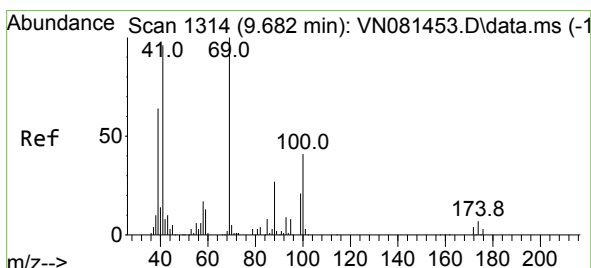
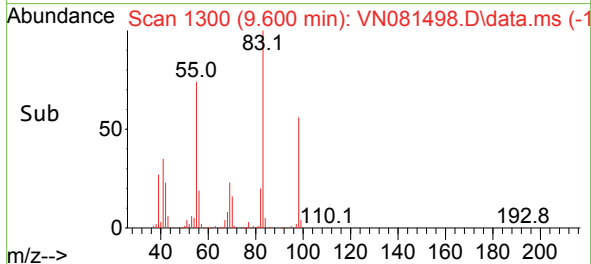
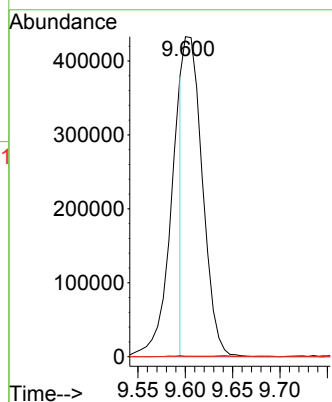
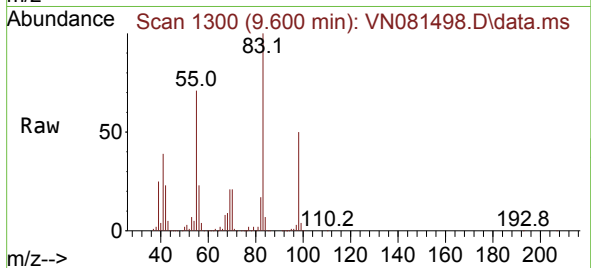
Tgt Ion: 83 Resp: 606188

Ion Ratio Lower Upper

83 100

85 0.1 52.3 78.5#

127 0.0 4.6 7.0#



#48

Methyl methacrylate

Concen: 69.740 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. -0.082 min

Lab File: VN081498.D

Acq: 20 Mar 2024 16:58

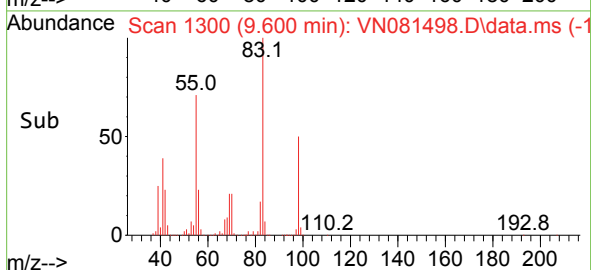
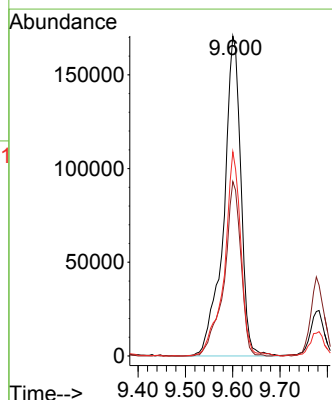
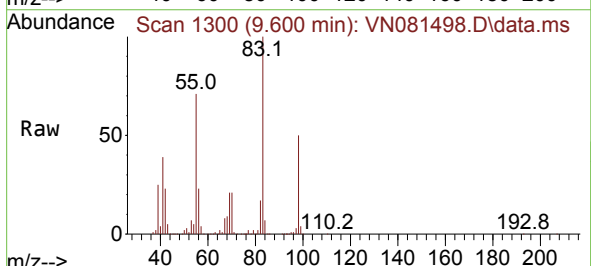
Tgt Ion: 41 Resp: 430874

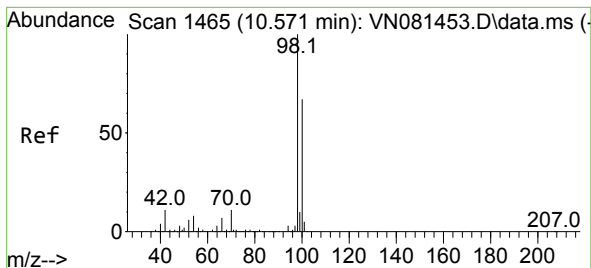
Ion Ratio Lower Upper

41 100

69 53.4 62.2 93.2#

39 61.5 47.6 71.4

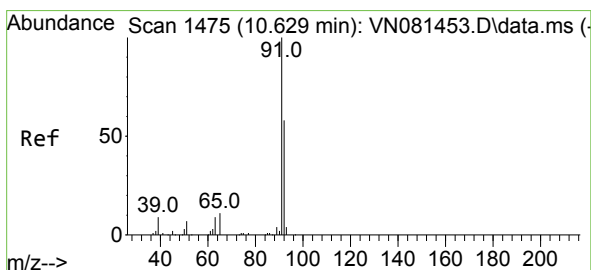
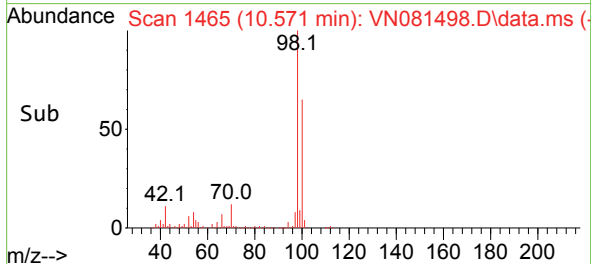
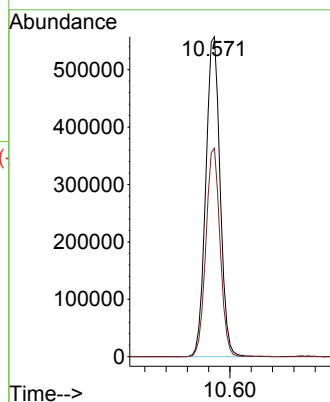
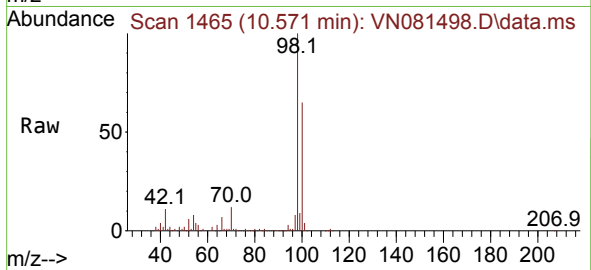




#50
Toluene-d8
Concen: 51.309 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN081498.D
Acq: 20 Mar 2024 16:58

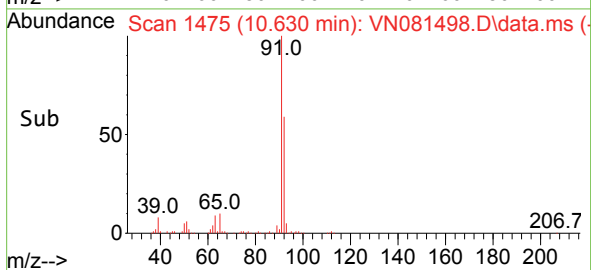
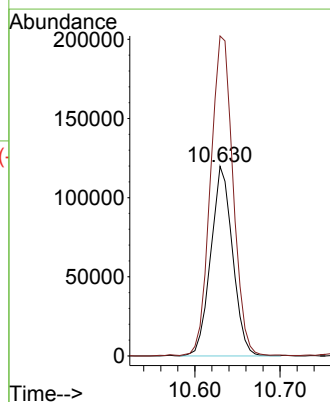
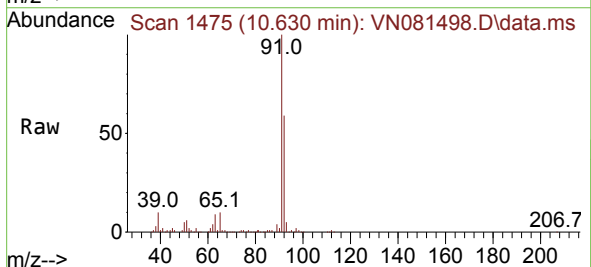
Instrument :
MSVOA_N
ClientSampleId :

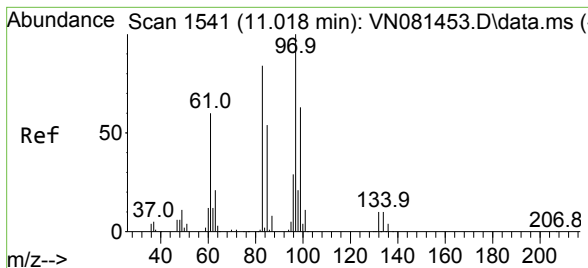
Tgt Ion: 98 Resp: 1040079
Ion Ratio Lower Upper
98 100
100 64.4 51.4 77.0



#52
Toluene
Concen: 12.158 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN081498.D
Acq: 20 Mar 2024 16:58

Tgt Ion: 92 Resp: 213197
Ion Ratio Lower Upper
92 100
91 174.0 139.4 209.0





#55

1,1,2-Trichloroethane

Concen: 4.595 ug/l

RT: 11.006 min Scan# 1539

Delta R.T. -0.012 min

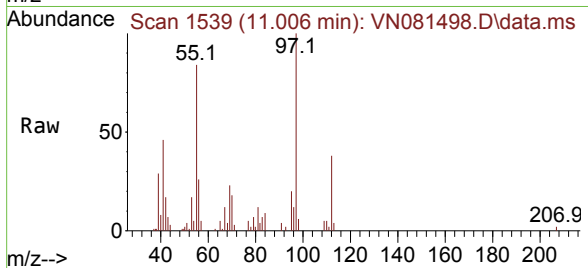
Lab File: VN081498.D

Acq: 20 Mar 2024 16:58

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 97 Resp: 32428

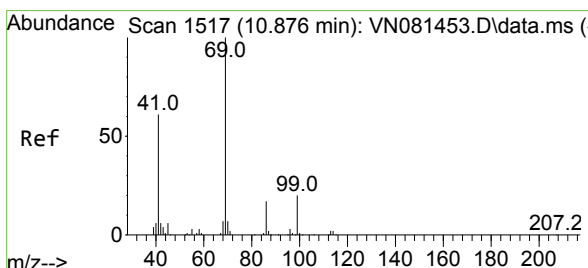
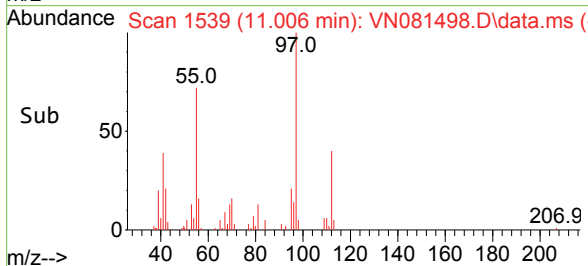
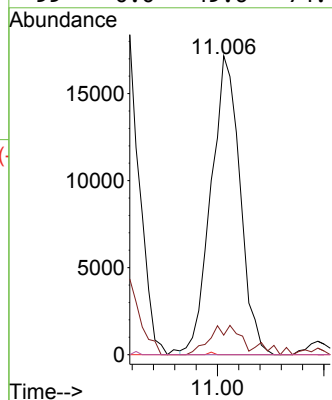
Ion Ratio Lower Upper

97 100

83 6.5 72.9 109.3#

85 0.0 50.2 75.2#

99 0.0 49.6 74.4#



#56

Ethyl methacrylate

Concen: 1.767 ug/l

RT: 10.912 min Scan# 1523

Delta R.T. 0.036 min

Lab File: VN081498.D

Acq: 20 Mar 2024 16:58

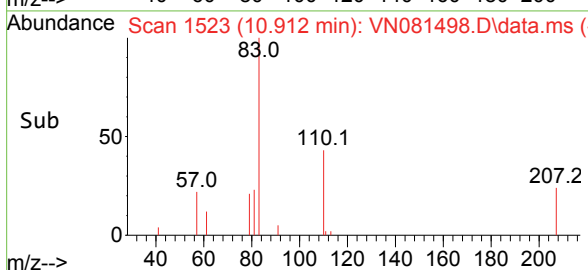
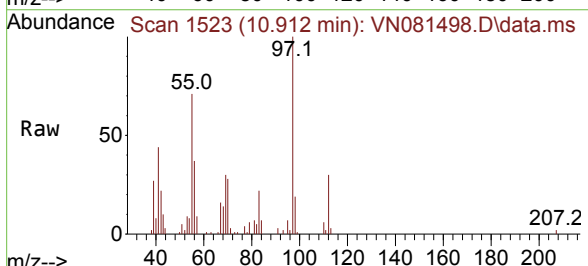
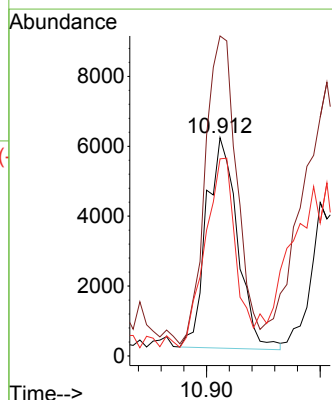
Tgt Ion: 69 Resp: 11464

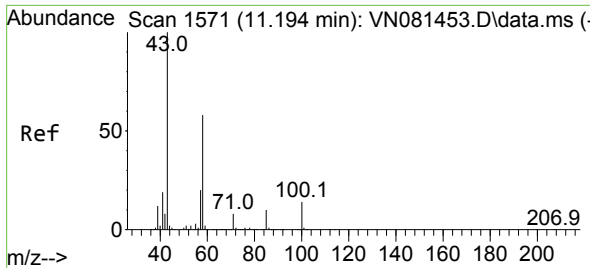
Ion Ratio Lower Upper

69 100

41 148.2 61.0 91.6#

39 89.0 31.8 47.6#

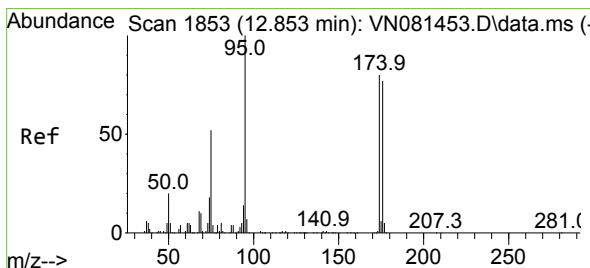
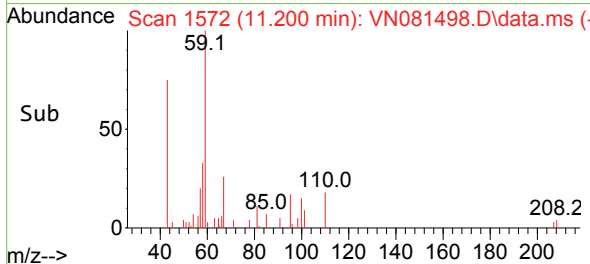
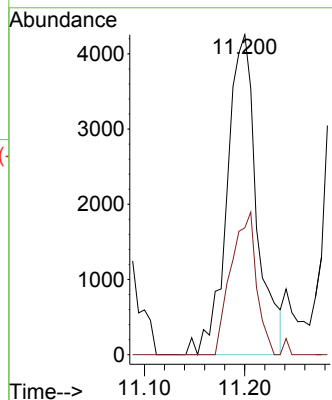
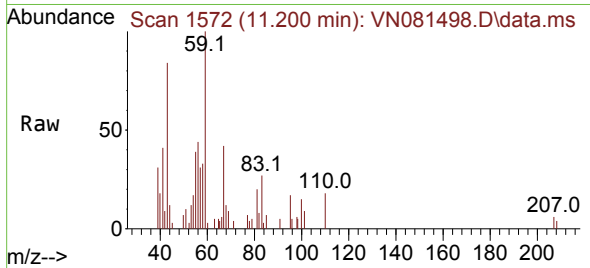




#59
2-Hexanone
Concen: 1.456 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN081498.D
Acq: 20 Mar 2024 16:58

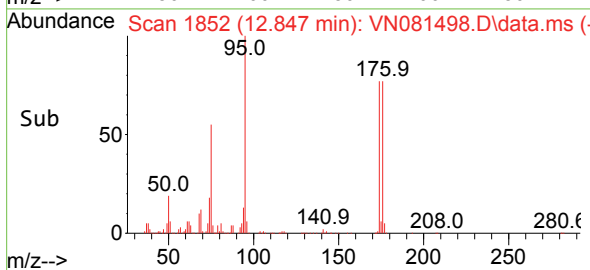
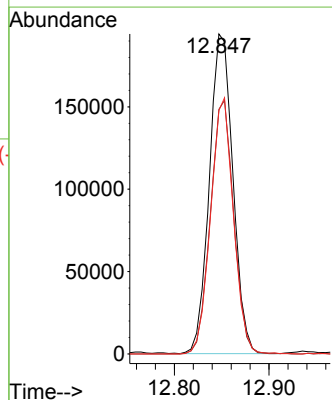
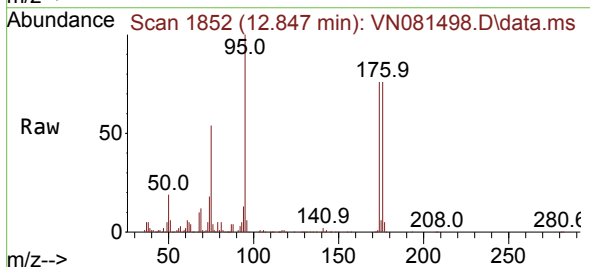
Instrument :
MSVOA_N
ClientSampleId :

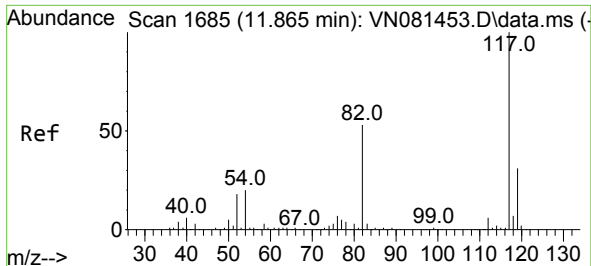
Tgt Ion: 43 Resp: 8799
Ion Ratio Lower Upper
43 100
58 38.0 25.9 77.8



#62
4-Bromofluorobenzene
Concen: 46.899 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VN081498.D
Acq: 20 Mar 2024 16:58

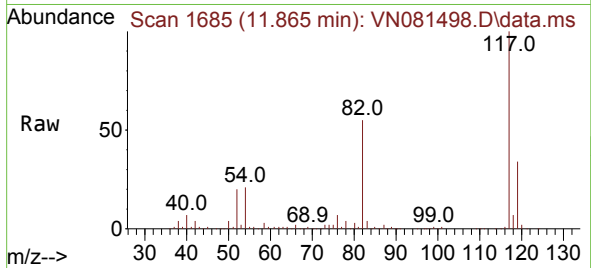
Tgt Ion: 95 Resp: 334988
Ion Ratio Lower Upper
95 100
174 78.4 0.0 120.4
176 77.5 0.0 121.0



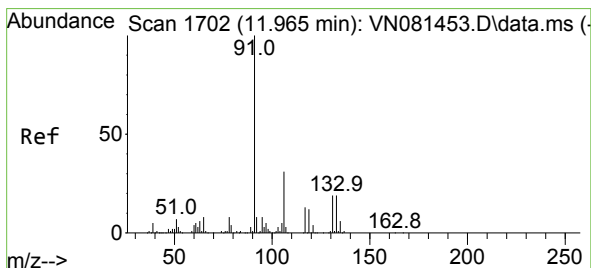
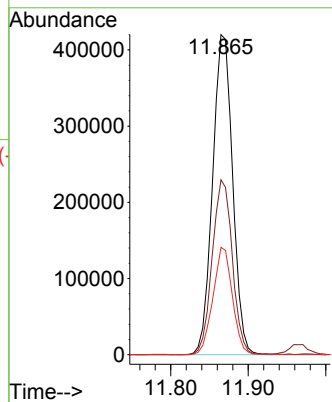
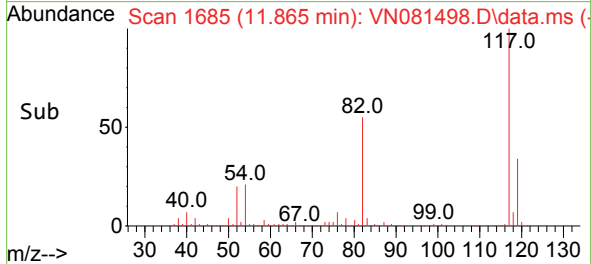


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN081498.D
Acq: 20 Mar 2024 16:58

Instrument :
MSVOA_N
ClientSampleId :

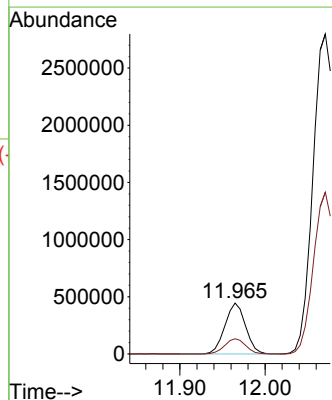
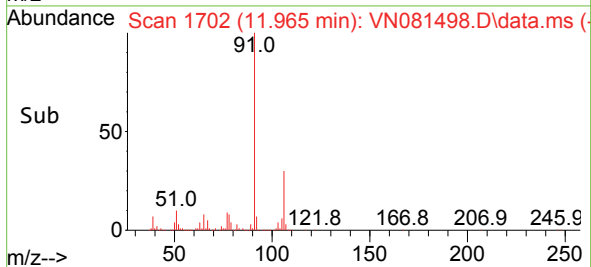
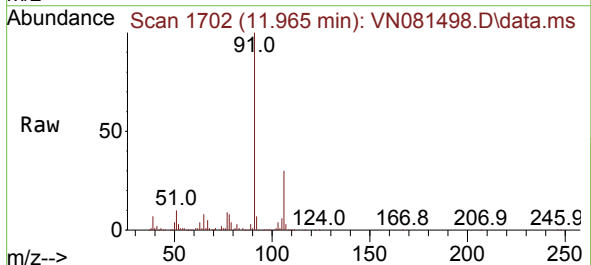


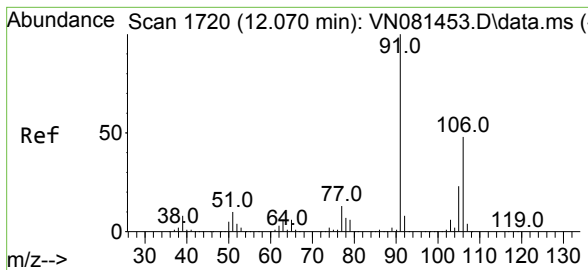
Tgt Ion:117 Resp: 754543
Ion Ratio Lower Upper
117 100
82 54.7 52.7 79.1
119 33.6 25.3 37.9



#67
Ethyl Benzene
Concen: 24.084 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081498.D
Acq: 20 Mar 2024 16:58

Tgt Ion: 91 Resp: 746223
Ion Ratio Lower Upper
91 100
106 29.8 23.8 35.6

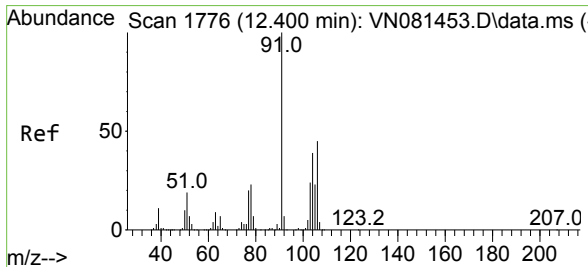
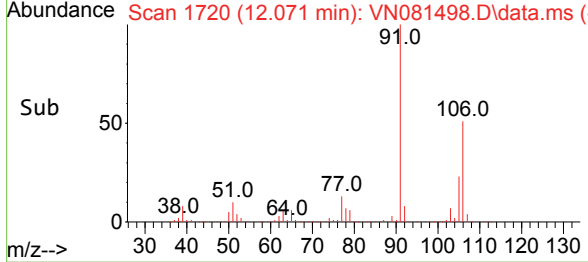
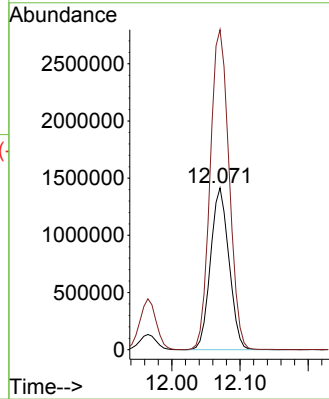
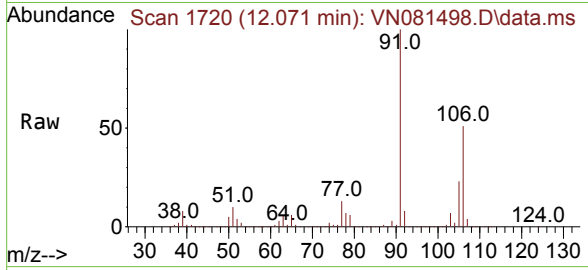




#68
m/p-Xylenes
Concen: 229.106 ug/l
RT: 12.071 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN081498.D
Acq: 20 Mar 2024 16:58

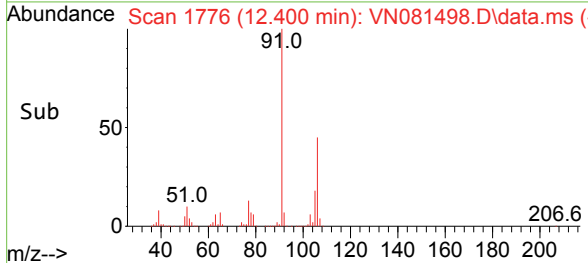
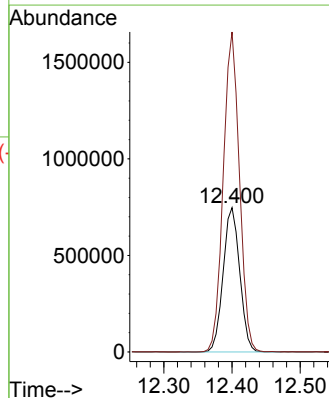
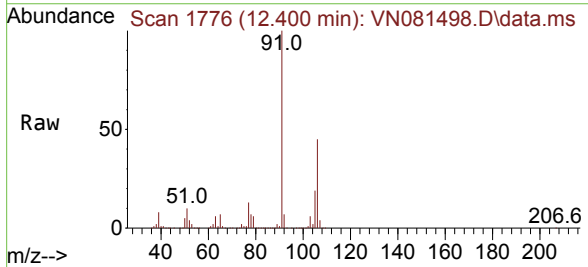
Instrument :
MSVOA_N
ClientSampleId :

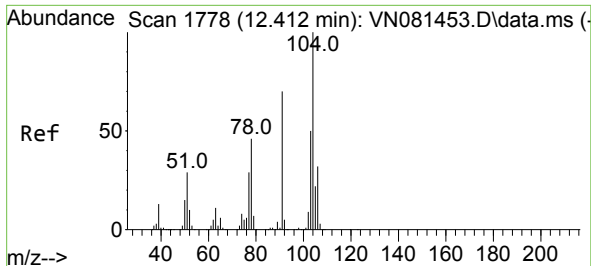
Tgt Ion:106 Resp: 2661227
Ion Ratio Lower Upper
106 100
91 203.3 169.0 253.6



#69
o-Xylene
Concen: 110.957 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN081498.D
Acq: 20 Mar 2024 16:58

Tgt Ion:106 Resp: 1265295
Ion Ratio Lower Upper
106 100
91 216.2 112.1 336.3

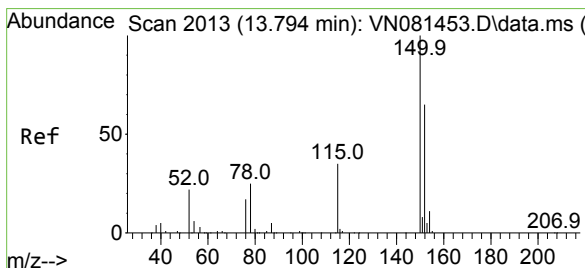
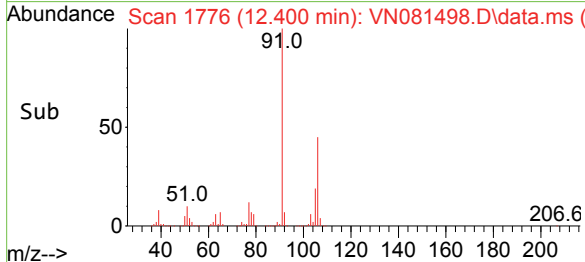
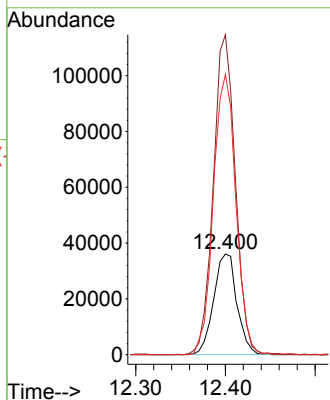
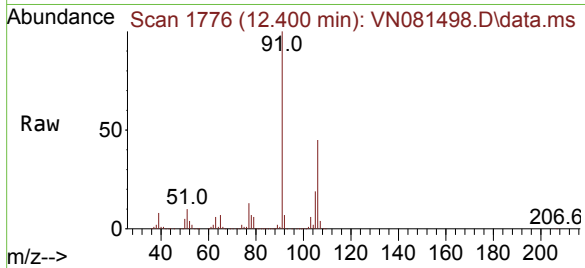




#70
Styrene
Concen: 3.526 ug/l
RT: 12.400 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN081498.D
Acq: 20 Mar 2024 16:58

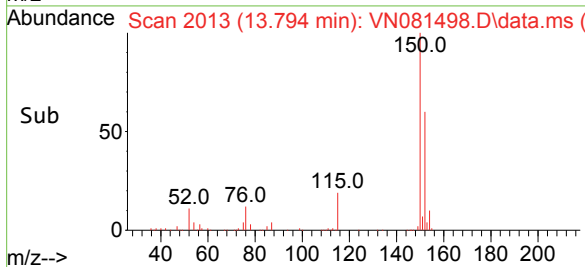
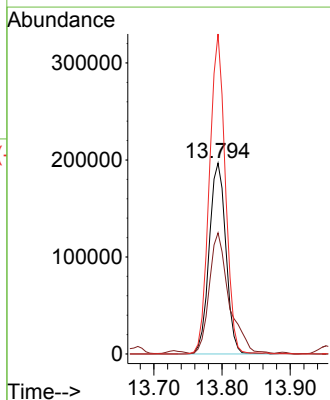
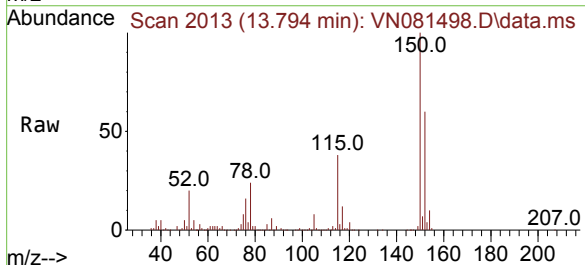
Instrument :
MSVOA_N
ClientSampleId :

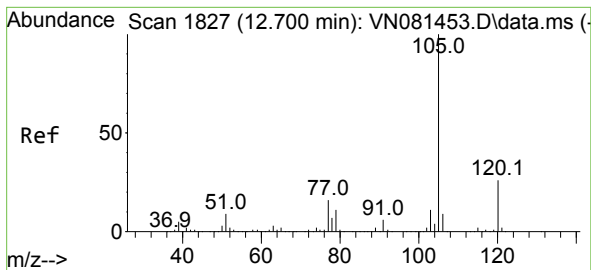
Tgt Ion:104 Resp: 64854
Ion Ratio Lower Upper
104 100
78 300.7 43.8 65.8#
103 270.5 44.2 66.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN081498.D
Acq: 20 Mar 2024 16:58

Tgt Ion:152 Resp: 335591
Ion Ratio Lower Upper
152 100
115 74.4 32.3 96.8
150 160.2 0.0 339.8





#73

Isopropylbenzene

Concen: 10.699 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.006 min

Lab File: VN081498.D

Acq: 20 Mar 2024 16:58

Instrument :

MSVOA_N

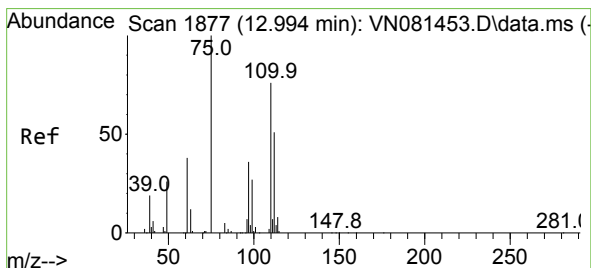
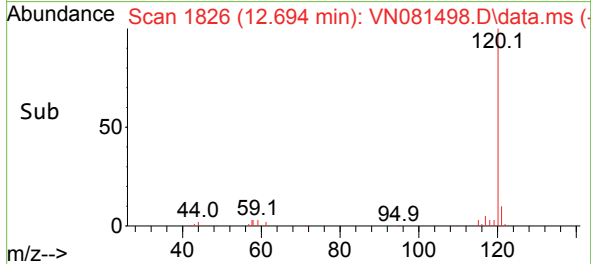
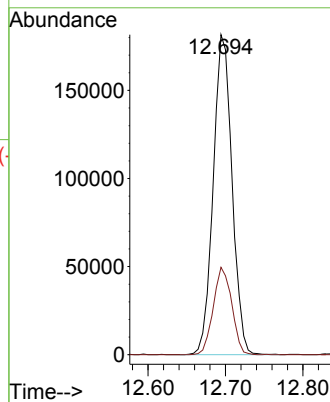
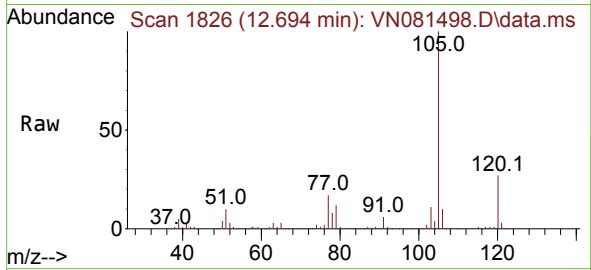
ClientSampleId :

Tgt Ion:105 Resp: 306063

Ion Ratio Lower Upper

105 100

120 26.8 12.6 37.6



#76

1,2,3-Trichloropropane

Concen: 2.511 ug/l

RT: 13.100 min Scan# 1895

Delta R.T. 0.106 min

Lab File: VN081498.D

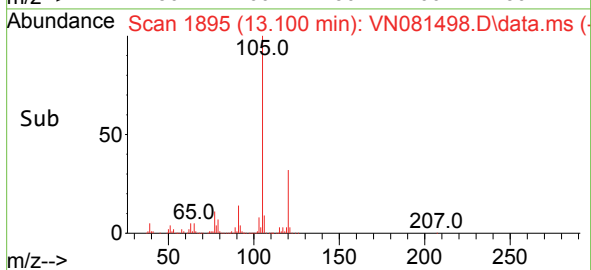
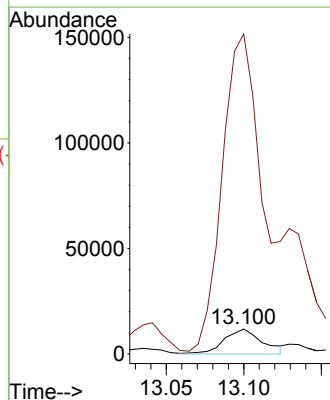
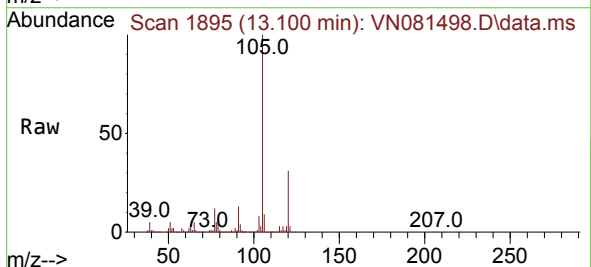
Acq: 20 Mar 2024 16:58

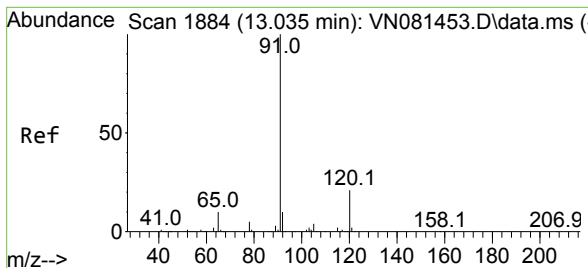
Tgt Ion: 75 Resp: 20156

Ion Ratio Lower Upper

75 100

77 1340.1 91.0 272.8#





#78

n-propylbenzene

Concen: 18.436 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VN081498.D

Acq: 20 Mar 2024 16:58

Instrument :

MSVOA_N

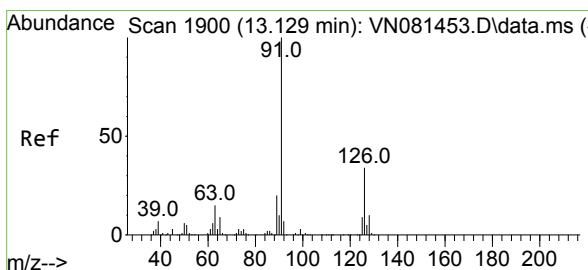
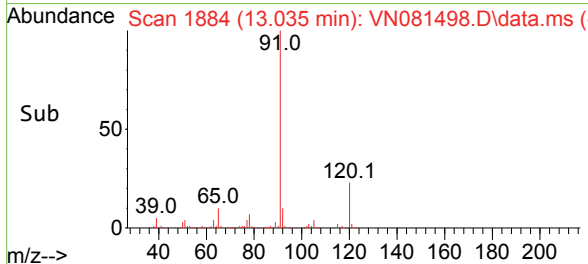
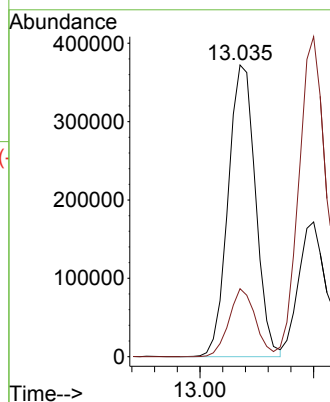
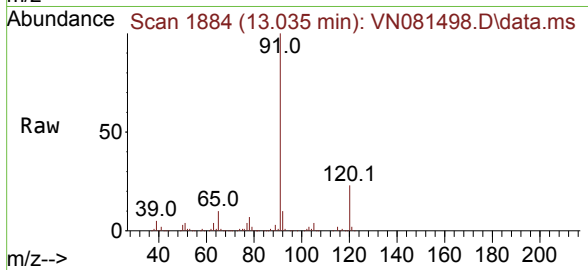
ClientSampleId :

Tgt Ion: 91 Resp: 622804

Ion Ratio Lower Upper

91 100

120 22.5 10.3 30.9



#79

2-Chlorotoluene

Concen: 13.540 ug/l

RT: 13.100 min Scan# 1895

Delta R.T. -0.029 min

Lab File: VN081498.D

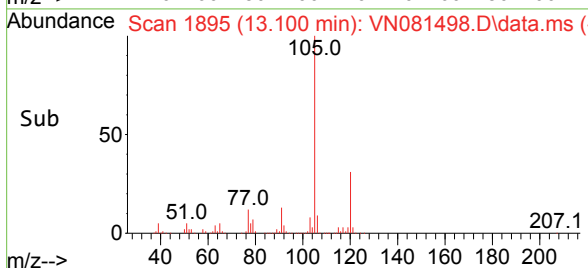
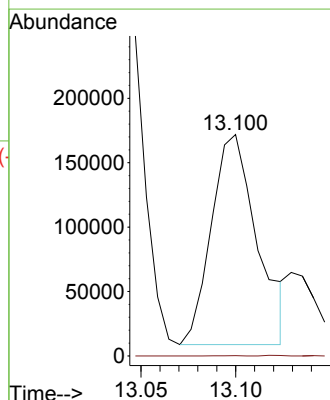
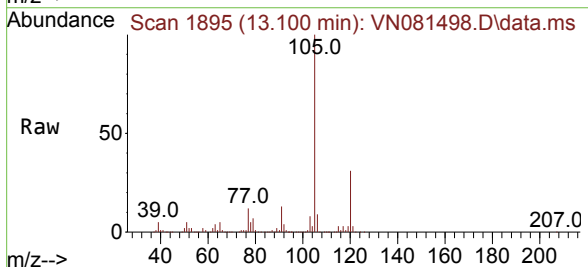
Acq: 20 Mar 2024 16:58

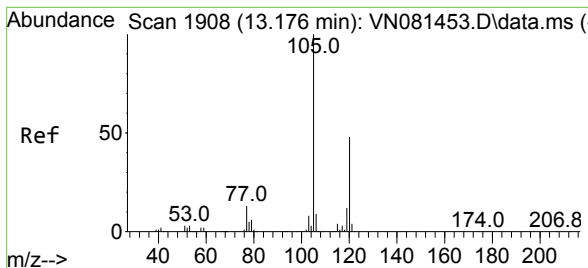
Tgt Ion: 91 Resp: 273768

Ion Ratio Lower Upper

91 100

126 0.1 14.8 44.4#





#80

1,3,5-Trimethylbenzene

Concen: 35.499 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN081498.D

Acq: 20 Mar 2024 16:58

Instrument :

MSVOA_N

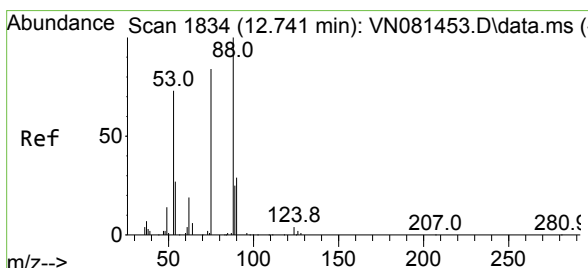
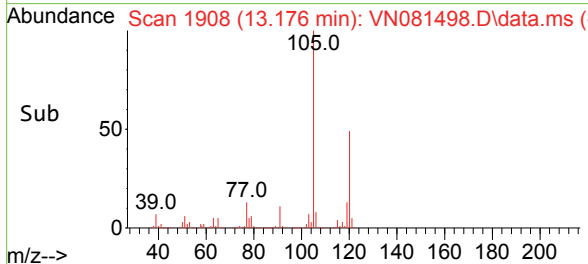
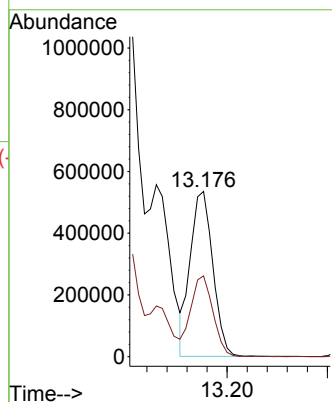
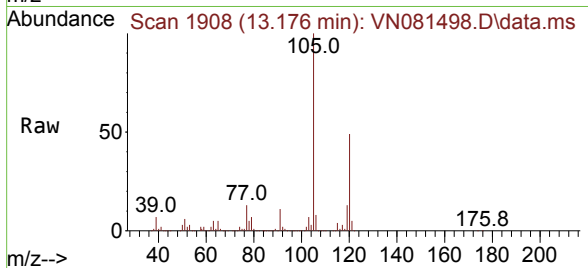
ClientSampleId :

Tgt Ion:105 Resp: 838734

Ion Ratio Lower Upper

105 100

120 48.1 23.0 69.0



#81

trans-1,4-Dichloro-2-butene

Concen: 60.065 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.106 min

Lab File: VN081498.D

Acq: 20 Mar 2024 16:58

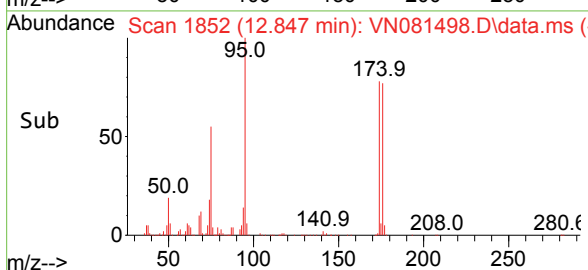
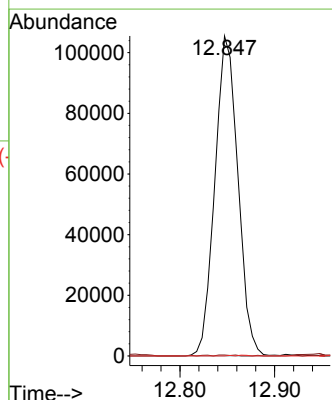
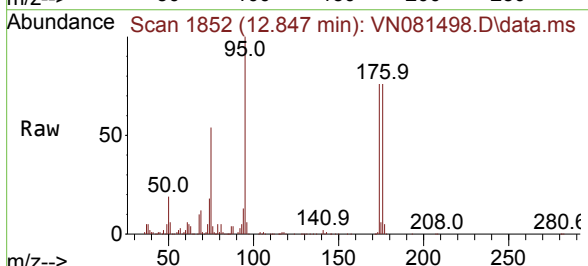
Tgt Ion: 75 Resp: 178428

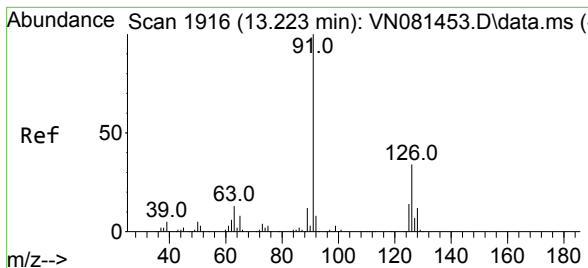
Ion Ratio Lower Upper

75 100

53 0.2 71.4 107.2#

89 0.0 33.4 50.0#

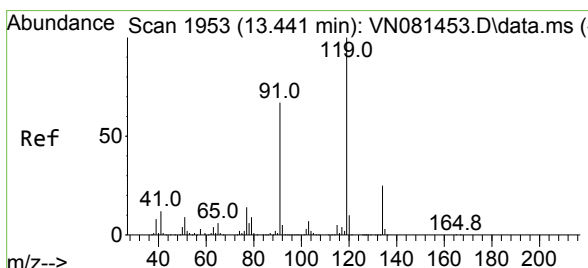
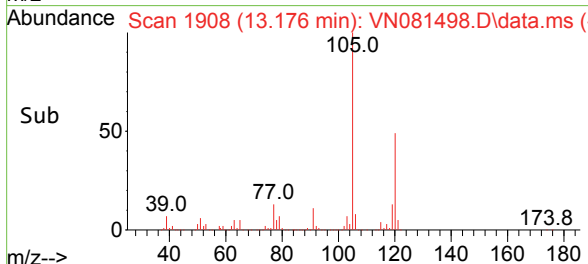
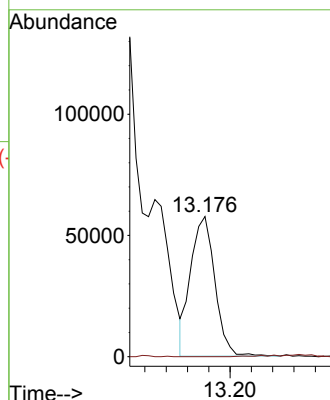
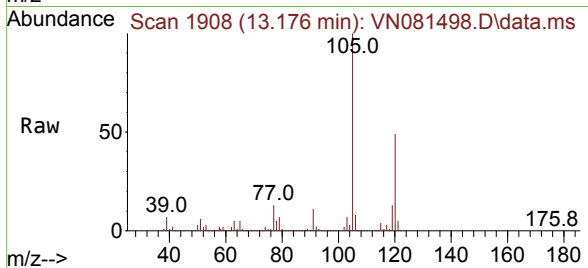




#82
4-Chlorotoluene
Concen: 4.559 ug/l
RT: 13.176 min Scan# 1916
Delta R.T. -0.047 min
Lab File: VN081498.D
Acq: 20 Mar 2024 16:58

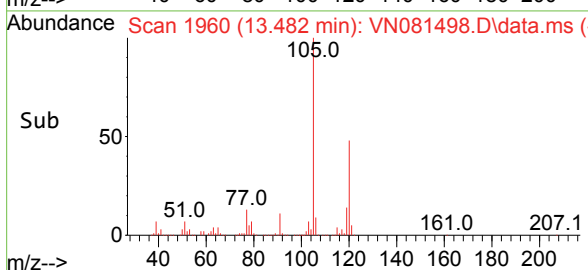
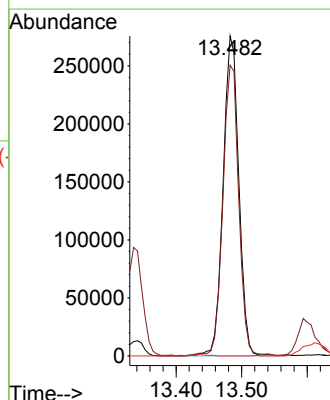
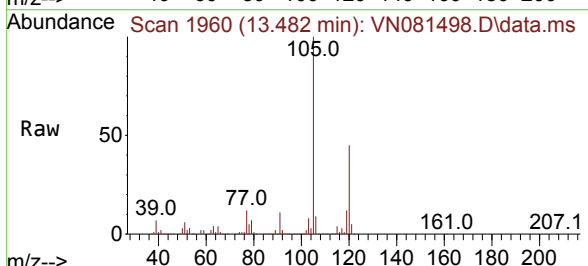
Instrument :
MSVOA_N
ClientSampleId :

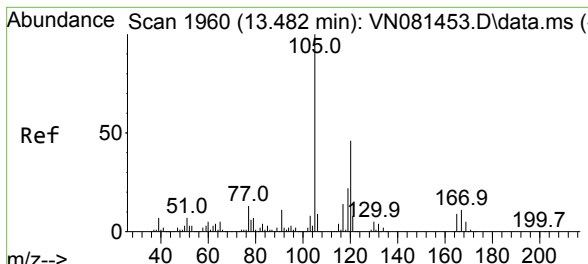
Tgt Ion: 91 Resp: 90882
Ion Ratio Lower Upper
91 100
126 0.0 15.3 45.9#



#83
tert-Butylbenzene
Concen: 22.420 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.041 min
Lab File: VN081498.D
Acq: 20 Mar 2024 16:58

Tgt Ion: 119 Resp: 456793
Ion Ratio Lower Upper
119 100
91 91.1 36.8 110.4
134 0.0 12.4 37.4#

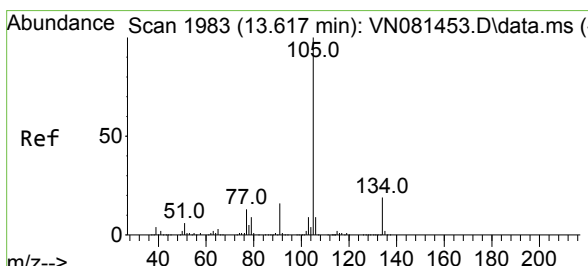
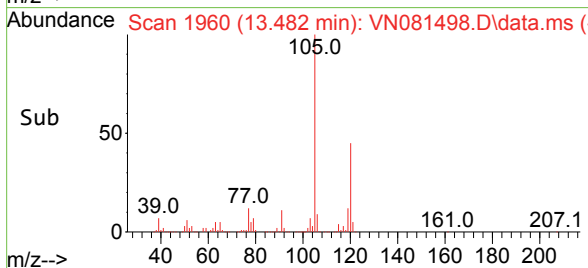
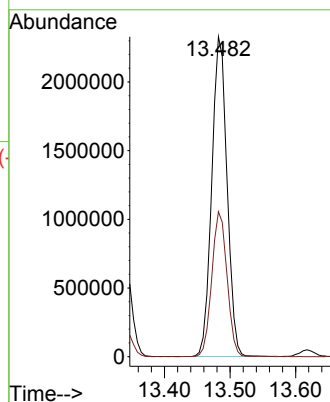
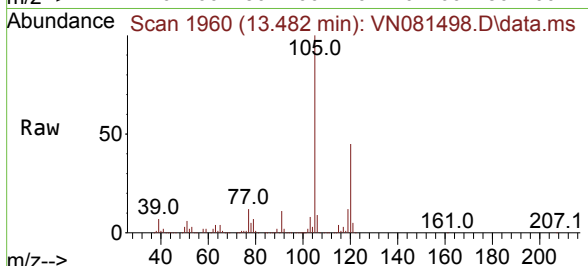




#84
 1,2,4-Trimethylbenzene
 Concen: 158.596 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. 0.000 min
 Lab File: VN081498.D
 Acq: 20 Mar 2024 16:58

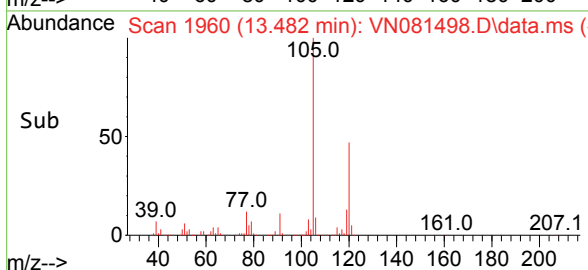
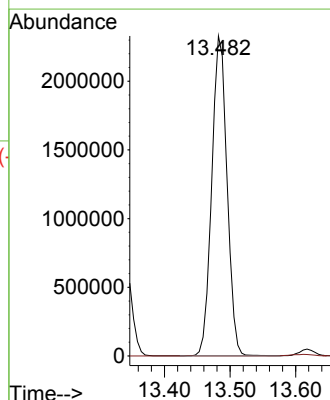
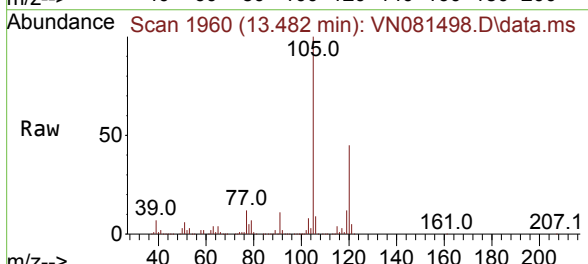
Instrument :
 MSVOA_N
 ClientSampleId :

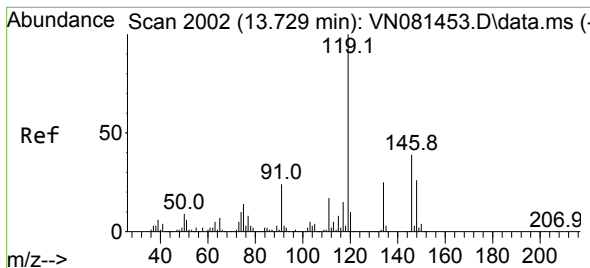
Tgt Ion:105 Resp: 3766179
 Ion Ratio Lower Upper
 105 100
 120 45.2 20.9 62.7



#85
 sec-Butylbenzene
 Concen: 129.305 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. -0.135 min
 Lab File: VN081498.D
 Acq: 20 Mar 2024 16:58

Tgt Ion:105 Resp: 3766179
 Ion Ratio Lower Upper
 105 100
 134 0.0 8.6 25.8#





#86

p-Isopropyltoluene

Concen: 2.579 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN081498.D

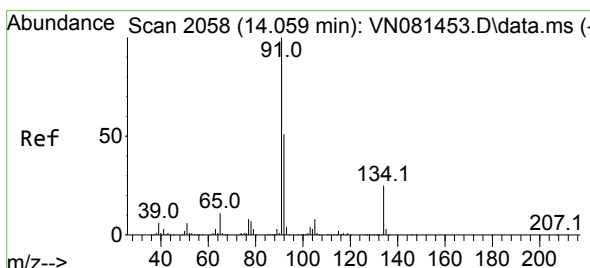
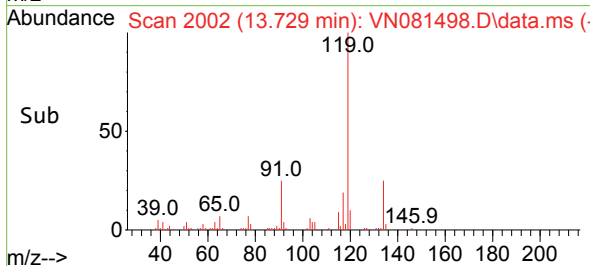
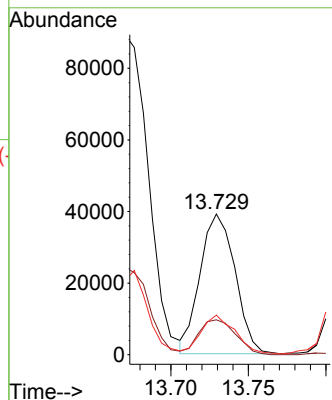
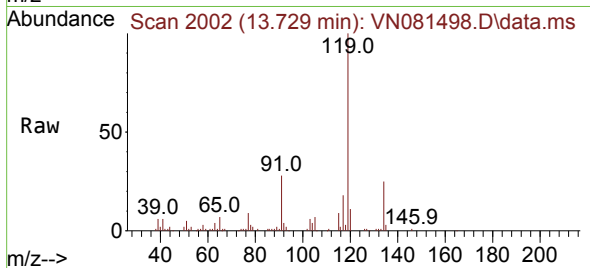
Acq: 20 Mar 2024 16:58

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	119	Resp:	61406
Ion Ratio	Lower	Upper	
119	100		
134	26.5	12.4	37.2
91	26.5	13.5	40.4



#89

n-Butylbenzene

Concen: 3.962 ug/l

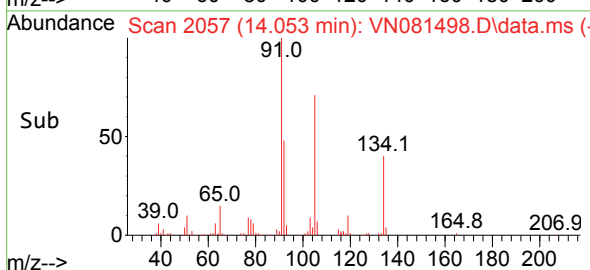
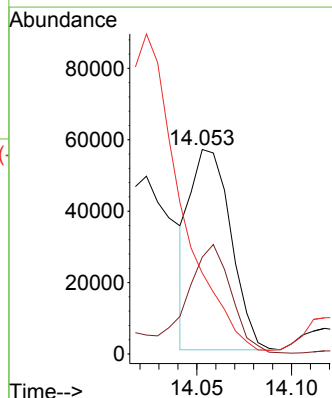
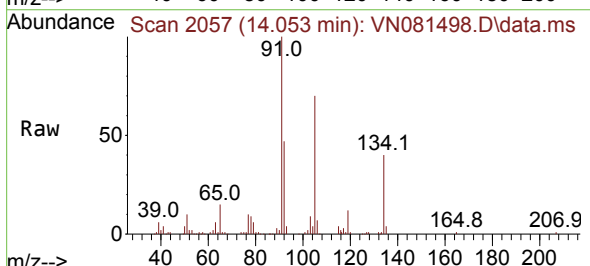
RT: 14.053 min Scan# 2057

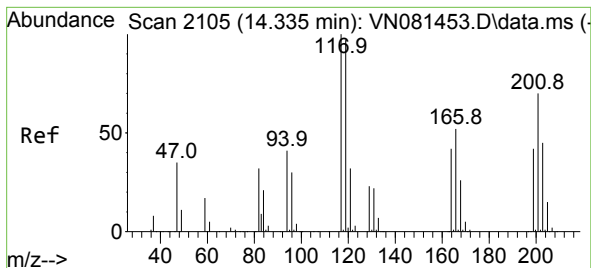
Delta R.T. -0.006 min

Lab File: VN081498.D

Acq: 20 Mar 2024 16:58

Tgt Ion:	91	Resp:	83637
Ion Ratio	Lower	Upper	
91	100		
92	65.0	26.7	80.1
134	0.0	10.8	32.4





#90

Hexachloroethane

Concen: 13.720 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN081498.D

Acq: 20 Mar 2024 16:58

Instrument :

MSVOA_N

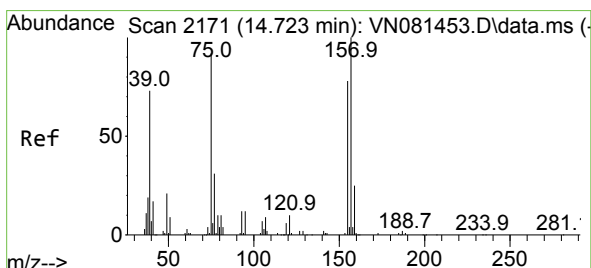
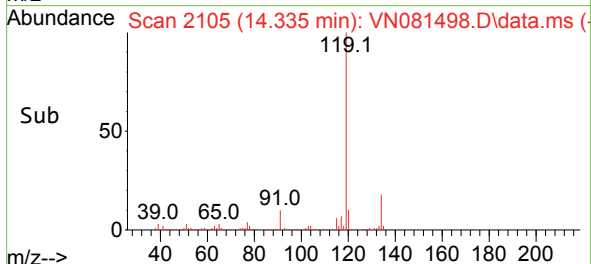
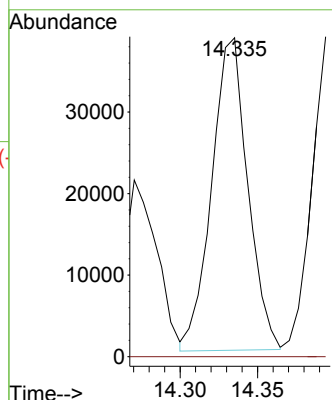
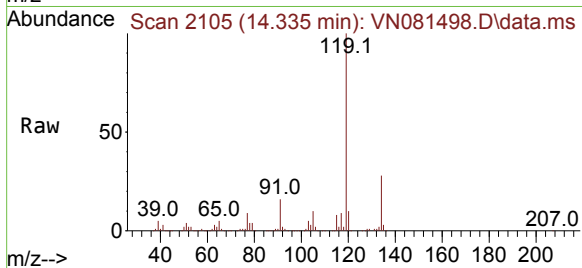
ClientSampleId :

Tgt Ion:117 Resp: 61863

Ion Ratio Lower Upper

117 100

201 0.0 30.0 90.0#



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.260 ug/l

RT: 14.735 min Scan# 2173

Delta R.T. 0.012 min

Lab File: VN081498.D

Acq: 20 Mar 2024 16:58

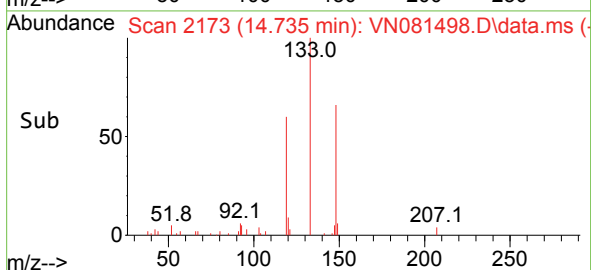
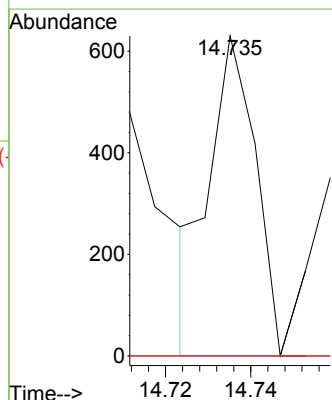
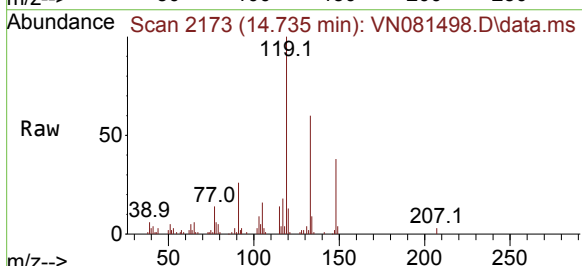
Tgt Ion: 75 Resp: 466

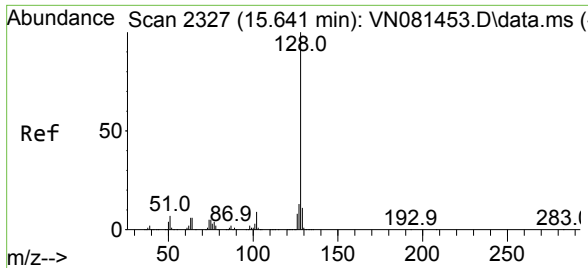
Ion Ratio Lower Upper

75 100

155 0.0 31.8 95.4#

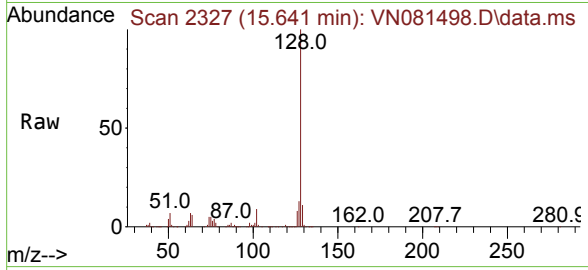
157 0.0 41.1 123.4#





#95
Naphthalene
Concen: 39.898 ug/l
RT: 15.641 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN081498.D
Acq: 20 Mar 2024 16:58

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:128 Resp: 934116
Ion Ratio Lower Upper
128 100
127 12.9 10.0 15.0
129 10.4 8.7 13.1

