

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122023\
 Data File : VN080557.D
 Acq On : 20 Dec 2023 19:16
 Operator : JC\MD
 Sample : 05896-02
 Misc : 5.02g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 21 02:50:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121223W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 13 01:57:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	237175	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	454667	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	439520	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	227685	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	160971	53.139	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.280%	
35) Dibromofluoromethane	8.165	113	133004	46.138	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 92.280%	
50) Toluene-d8	10.565	98	504328	46.909	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 93.820%	
62) 4-Bromofluorobenzene	12.853	95	209658	51.355	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 102.700%	

Target Compounds				Qvalue		
3) Chloromethane	2.359	50	5144	1.231	ug/l	100
5) Bromomethane	2.977	94	606	0.519	ug/l #	51
10) Methyl Iodide	4.571	142	497	0.227	ug/l #	38
11) Tert butyl alcohol	5.494	59	2508	7.030	ug/l #	72
13) Acrolein	4.177	56	138	0.353	ug/l #	16
16) Acetone	4.424	43	2269235	4224.791	ug/l	100
18) Methyl Acetate	5.024	43	9664	2.796	ug/l #	86
20) Methylene Chloride	5.259	84	2517	0.876	ug/l #	65
25) 2-Butanone	7.500	43	3979	3.845	ug/l #	69
29) Tetrahydrofuran	7.835	42	354	0.478	ug/l #	20
31) Cyclohexane	8.218	56	69149	16.786	ug/l #	50
36) 1,1-Dichloropropene	8.224	75	20027	4.249	ug/l #	49
38) Carbon Tetrachloride	8.224	117	26329	4.675	ug/l #	15
39) Methylcyclohexane	9.594	83	37625	7.684	ug/l #	84
41) Methacrylonitrile	7.735	41	515	0.303	ug/l #	15
43) Isopropyl Acetate	8.700	43	37859	7.134	ug/l #	49
47) Bromodichloromethane	9.776	83	1203	0.245	ug/l #	26
48) Methyl methacrylate	9.641	41	13102	4.137	ug/l #	11
51) 4-Methyl-2-Pentanone	10.453	43	5610	1.919	ug/l	93
52) Toluene	10.629	92	2276566	264.763	ug/l	99
53) t-1,3-Dichloropropene	10.629	75	29116	5.469	ug/l #	1
55) 1,1,2-Trichloroethane	11.000	97	7212	2.331	ug/l #	19
56) Ethyl methacrylate	10.853	69	967	0.282	ug/l #	32
59) 2-Hexanone	11.170	43	4466	2.070	ug/l #	19
67) Ethyl Benzene	11.970	91	19219	1.069	ug/l #	87
68) m/p-Xylenes	12.070	106	31121	4.685	ug/l	89
69) o-Xylene	12.400	106	13539	2.084	ug/l	87
73) Isopropylbenzene	12.694	105	7426	0.406	ug/l	97
74) N-amyl acetate	12.464	43	5888	1.102	ug/l #	55
75) 1,1,2,2-Tetrachloroethane	12.900	83	1586	0.324	ug/l #	26
76) 1,2,3-Trichloropropane	12.853	75	112651	24.801	ug/l #	1
78) n-propylbenzene	13.035	91	16645	0.825	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	14974	0.951	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.853	75	112651	65.117	ug/l #	15
83) tert-Butylbenzene	13.676	119	5895	0.457	ug/l	85
84) 1,2,4-Trimethylbenzene	13.488	105	42107	2.687	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122023\
Data File : VN080557.D
Acq On : 20 Dec 2023 19:16
Operator : JC\MD
Sample : 05896-02
Misc : 5.02g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Dec 21 02:50:04 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121223W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 13 01:57:14 2023
Response via : Initial Calibration

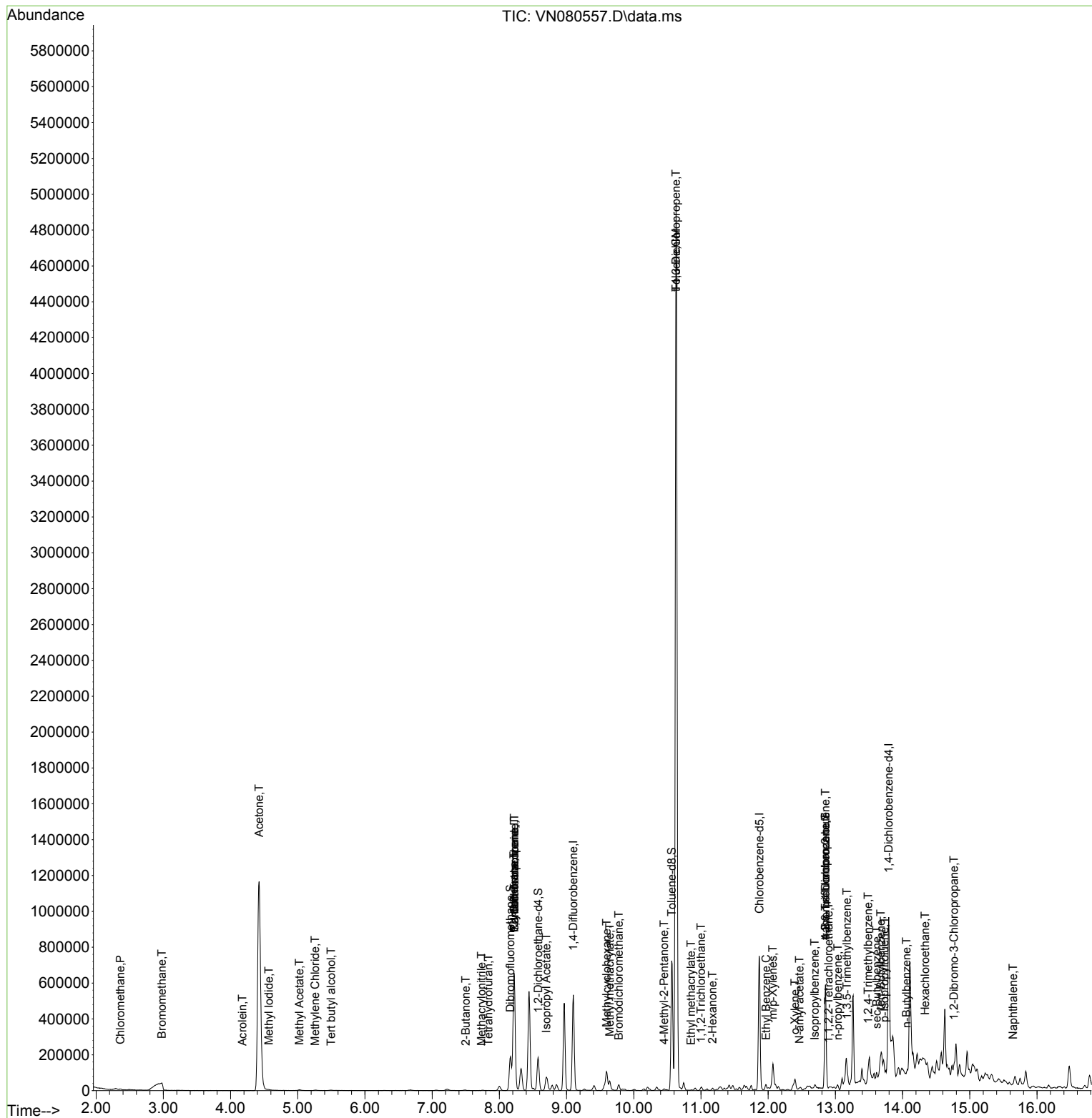
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
85) sec-Butylbenzene	13.617	105	5838	0.354	ug/l #	73
86) p-Isopropyltoluene	13.729	119	13587	0.912	ug/l	94
89) n-Butylbenzene	14.059	91	8669	0.697	ug/l #	83
90) Hexachloroethane	14.335	117	1860	0.786	ug/l #	21
92) 1,2-Dibromo-3-Chloropr...	14.764	75	409	0.397	ug/l #	4
95) Naphthalene	15.647	128	10169	0.801	ug/l #	92

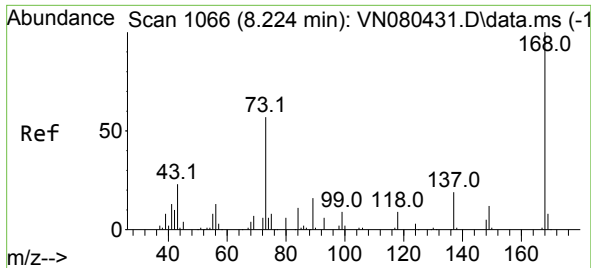
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122023\
Data File : VN080557.D
Acq On : 20 Dec 2023 19:16
Operator : JC\MD
Sample : 05896-02
Misc : 5.02g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Dec 21 02:50:04 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121223W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 13 01:57:14 2023
Response via : Initial Calibration

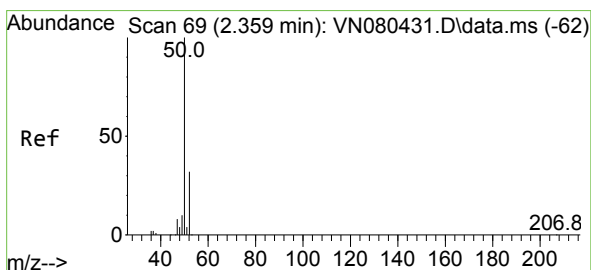
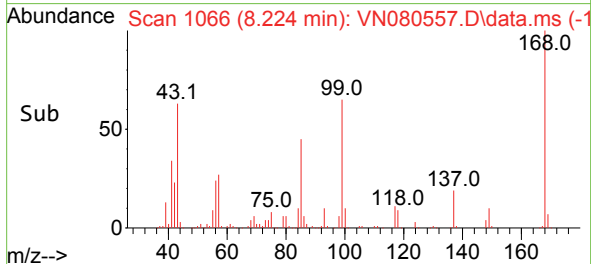
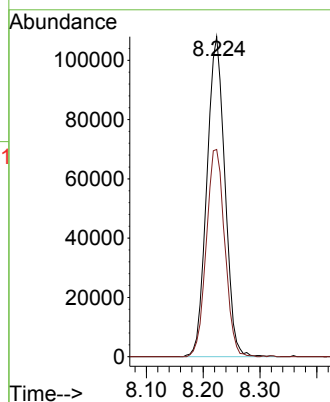
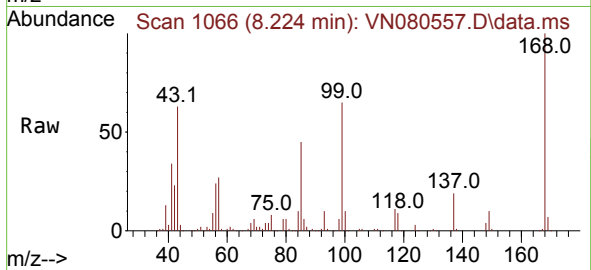




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080557.D
Acq: 20 Dec 2023 19:16

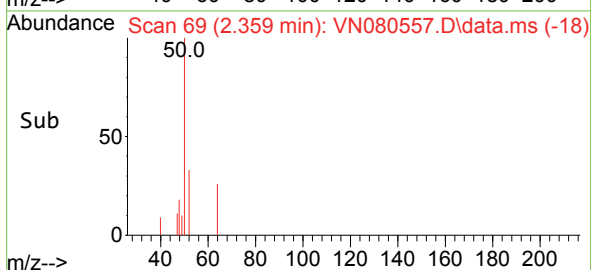
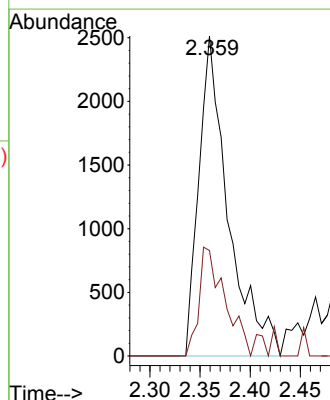
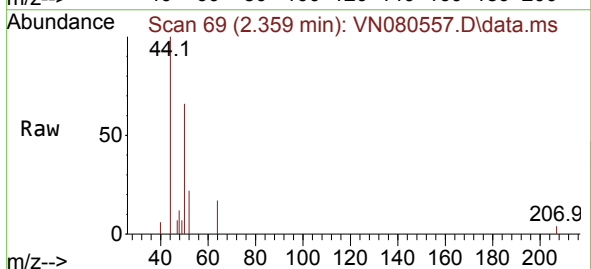
Instrument :
MSVOA_N
ClientSampleId :

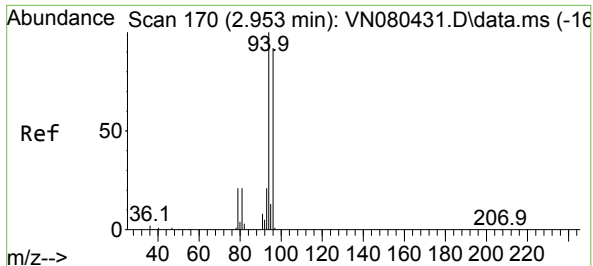
Tgt Ion:168 Resp: 237175
Ion Ratio Lower Upper
168 100
99 64.7 53.0 79.6



#3
Chloromethane
Concen: 1.231 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN080557.D
Acq: 20 Dec 2023 19:16

Tgt Ion: 50 Resp: 5144
Ion Ratio Lower Upper
50 100
52 33.0 26.5 39.7

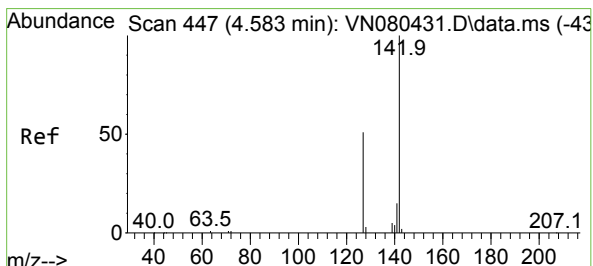
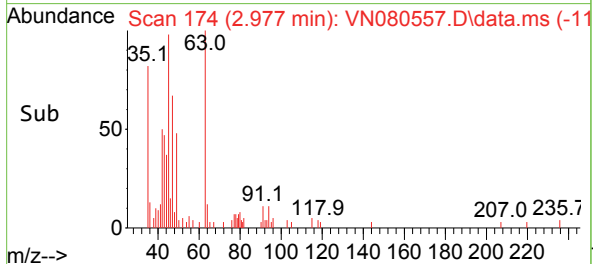
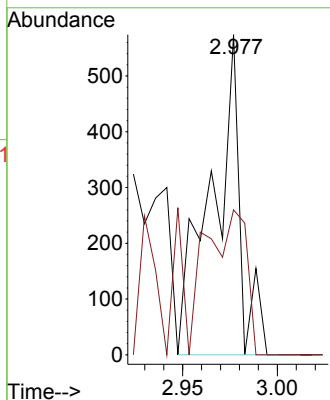
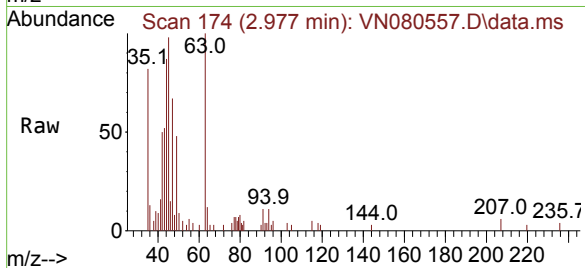




#5
Bromomethane
Concen: 0.519 ug/l
RT: 2.977 min Scan# 11
Delta R.T. 0.024 min
Lab File: VN080557.D
Acq: 20 Dec 2023 19:16

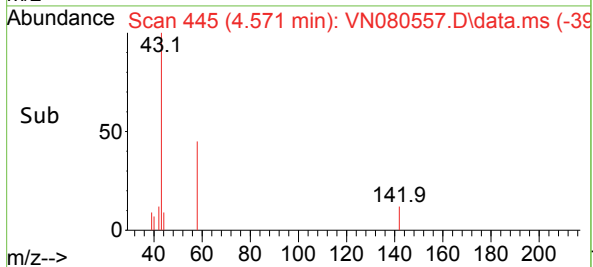
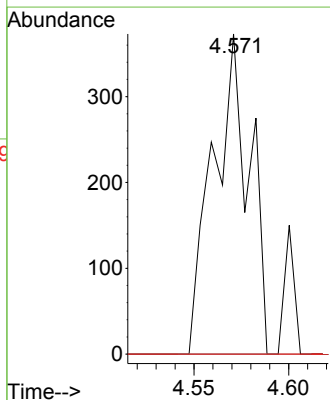
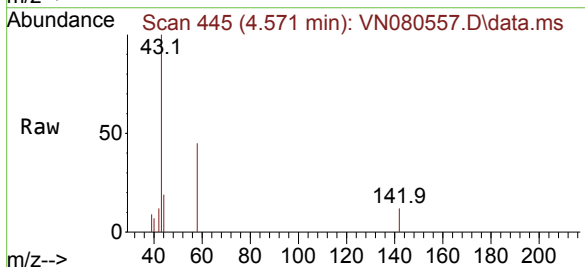
Instrument :
MSVOA_N
ClientSampleId :

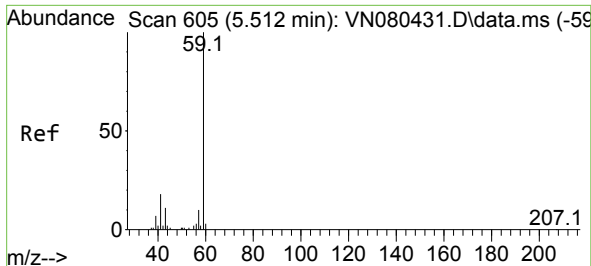
Tgt Ion: 94 Resp: 606
Ion Ratio Lower Upper
94 100
96 45.3 73.1 109.7#



#10
Methyl Iodide
Concen: 0.227 ug/l
RT: 4.571 min Scan# 445
Delta R.T. -0.012 min
Lab File: VN080557.D
Acq: 20 Dec 2023 19:16

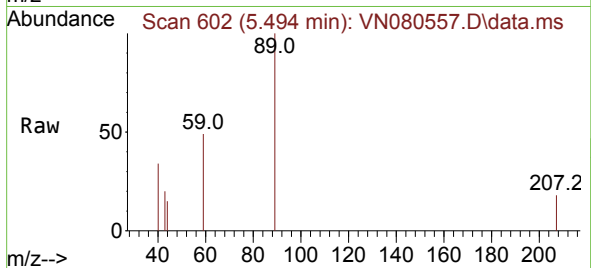
Tgt Ion: 142 Resp: 497
Ion Ratio Lower Upper
142 100
127 0.0 37.6 56.4#
141 0.0 11.4 17.0#



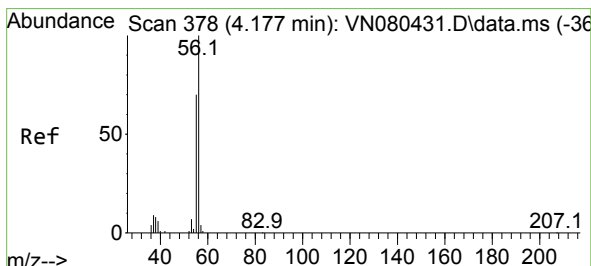
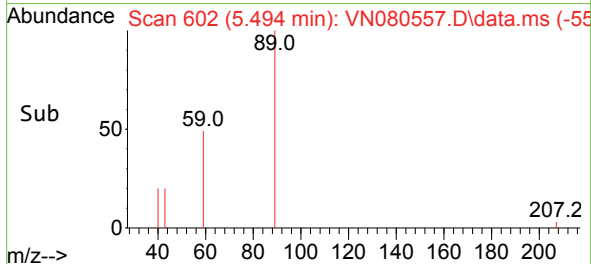
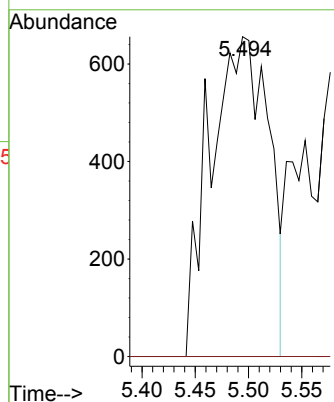


#11
Tert butyl alcohol
Concen: 7.030 ug/l
RT: 5.494 min Scan# 605
Delta R.T. -0.018 min
Lab File: VN080557.D
Acq: 20 Dec 2023 19:16

Instrument :
MSVOA_N
ClientSampleId :

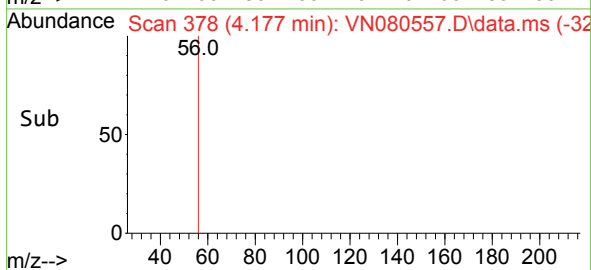
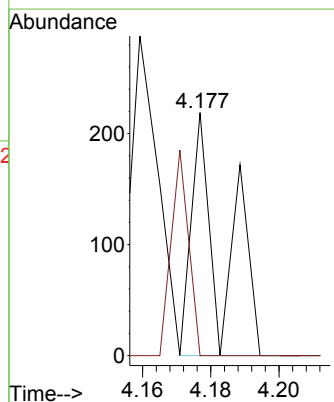
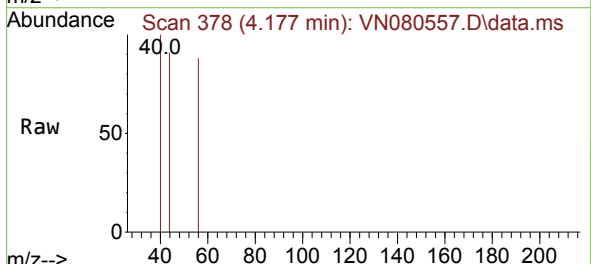


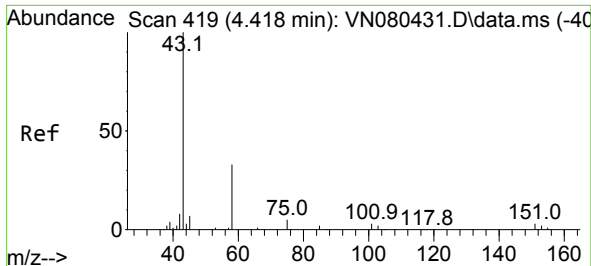
Tgt Ion: 59 Resp: 2508
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



#13
Acrolein
Concen: 0.353 ug/l
RT: 4.177 min Scan# 378
Delta R.T. 0.000 min
Lab File: VN080557.D
Acq: 20 Dec 2023 19:16

Tgt Ion: 56 Resp: 138
Ion Ratio Lower Upper
56 100
55 0.0 54.5 81.7#

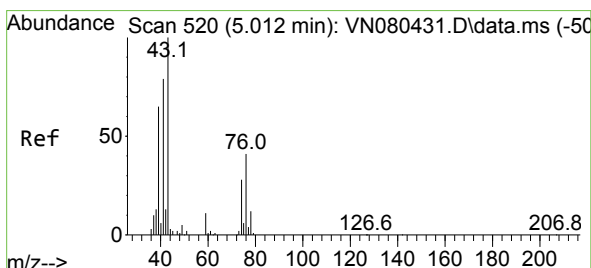
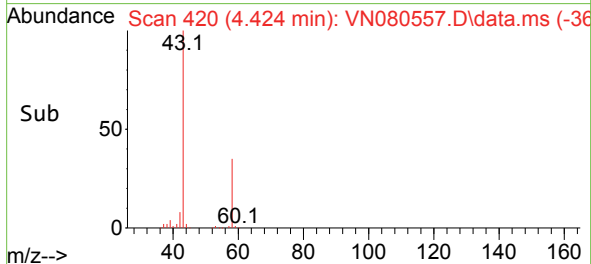
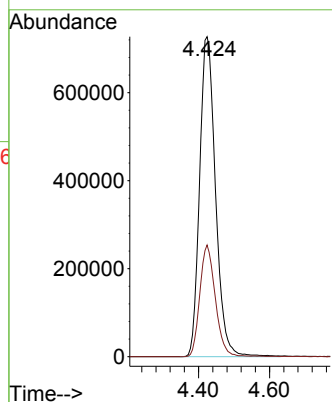
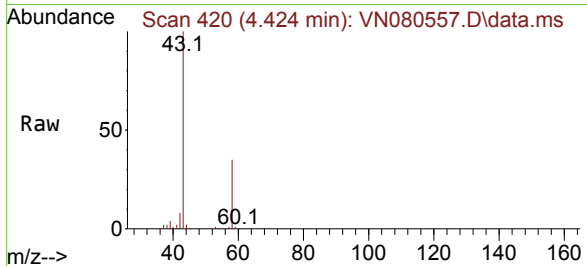




#16
Acetone
Concen: 4224.791 ug/l
RT: 4.424 min Scan# 419
Delta R.T. 0.006 min
Lab File: VN080557.D
Acq: 20 Dec 2023 19:16

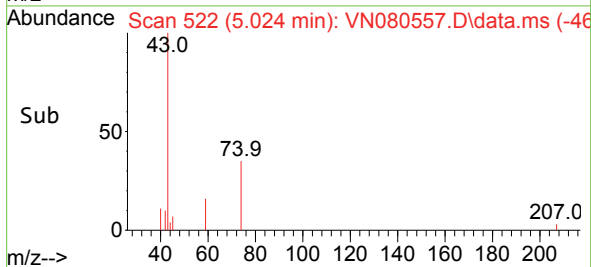
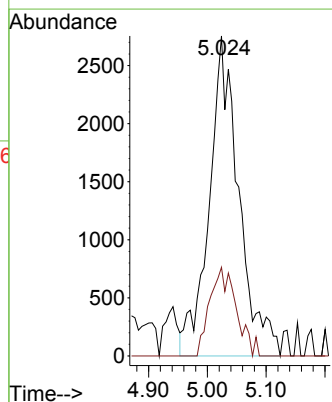
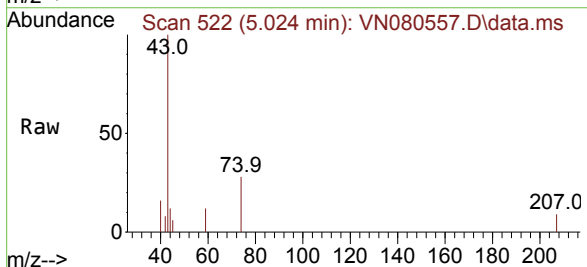
Instrument :
MSVOA_N
ClientSampleId :

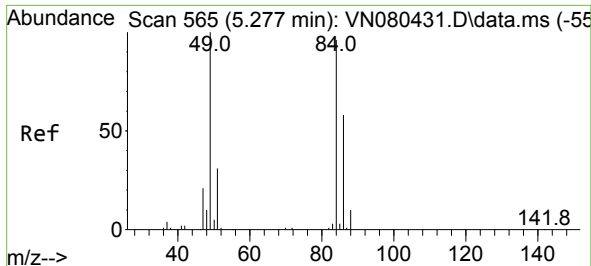
Tgt Ion: 43 Resp: 2269235
Ion Ratio Lower Upper
43 100
58 34.9 28.0 42.0



#18
Methyl Acetate
Concen: 2.796 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.012 min
Lab File: VN080557.D
Acq: 20 Dec 2023 19:16

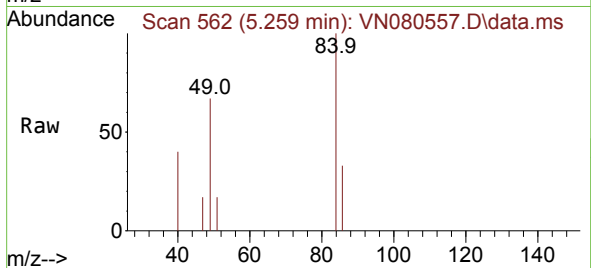
Tgt Ion: 43 Resp: 9664
Ion Ratio Lower Upper
43 100
74 24.8 26.2 39.4#



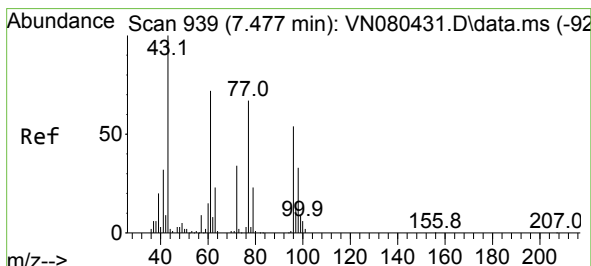
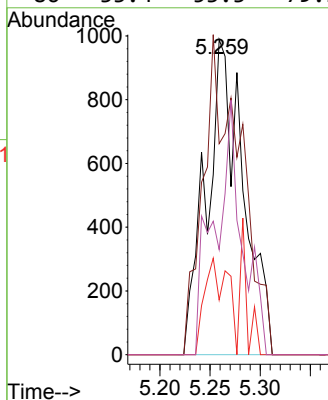
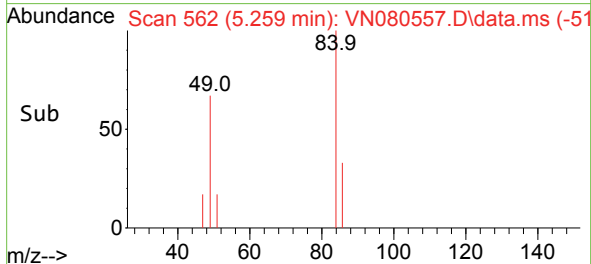


#20
Methylene Chloride
Concen: 0.876 ug/l
RT: 5.259 min Scan# 51
Delta R.T. -0.018 min
Lab File: VN080557.D
Acq: 20 Dec 2023 19:16

Instrument :
MSVOA_N
ClientSampleId :

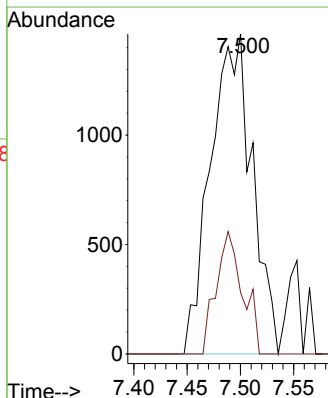
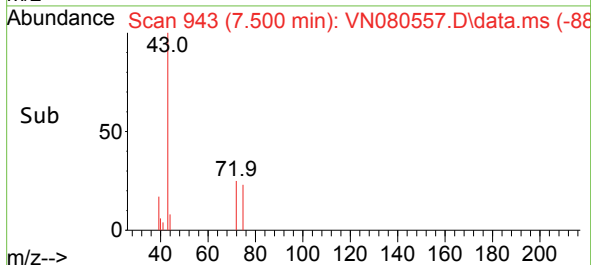
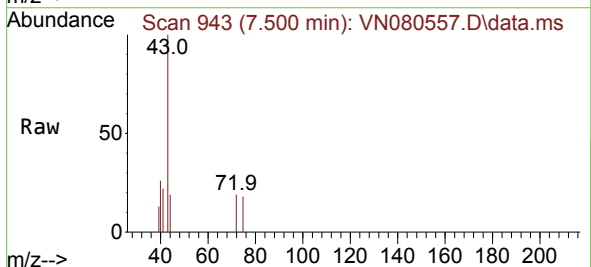


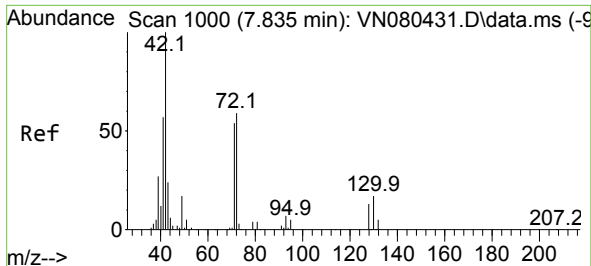
Tgt Ion:	84	Resp:	2517
Ion	Ratio	Lower	Upper
84	100		
49	66.9	79.7	119.5#
51	17.4	25.2	37.8#
86	33.4	53.3	79.9#



#25
2-Butanone
Concen: 3.845 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.024 min
Lab File: VN080557.D
Acq: 20 Dec 2023 19:16

Tgt Ion:	43	Resp:	3979
Ion	Ratio	Lower	Upper
43	100		
72	19.2	30.2	45.2#





#29

Tetrahydrofuran

Concen: 0.478 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. 0.000 min

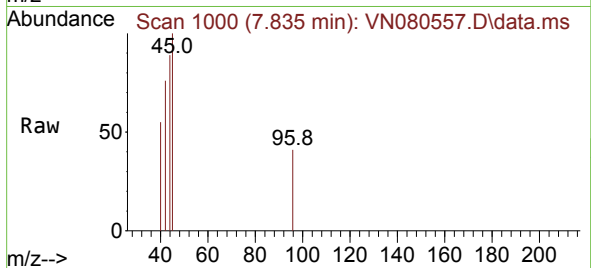
Lab File: VN080557.D

Acq: 20 Dec 2023 19:16

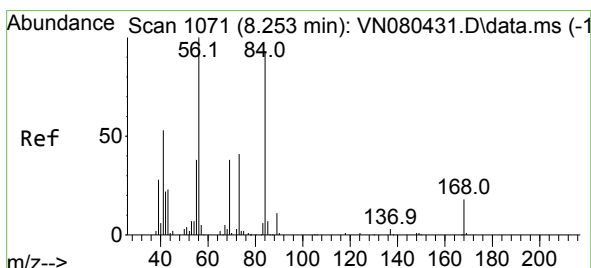
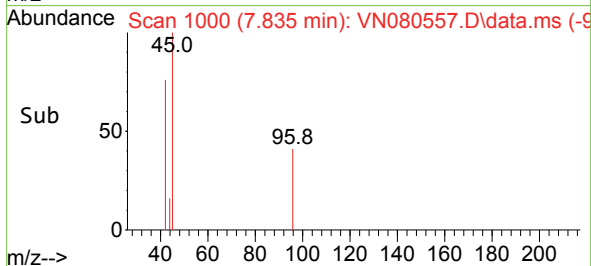
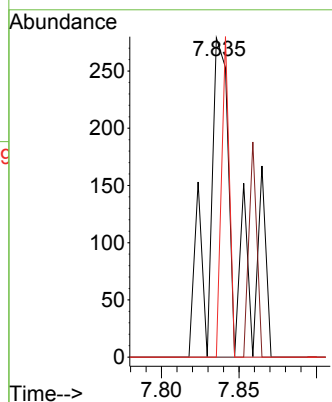
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	42	Resp:	354
Ion Ratio	Lower	Upper	
42	100		
72	0.0	49.8	74.6#
71	0.0	47.4	71.2#



#31

Cyclohexane

Concen: 16.786 ug/l

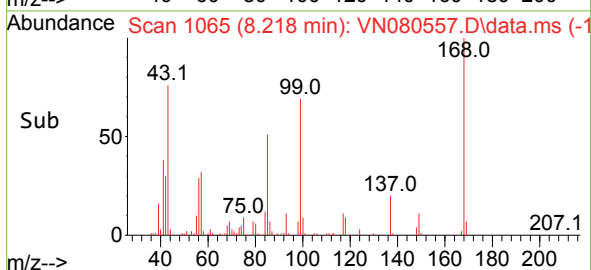
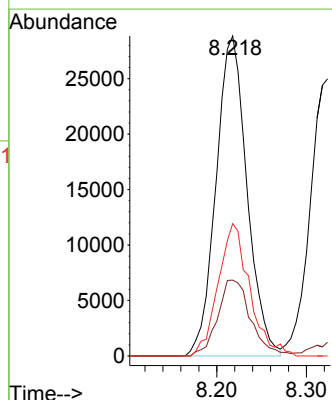
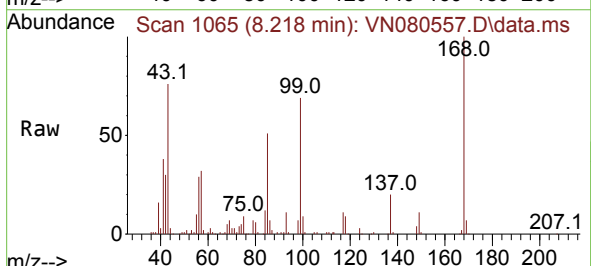
RT: 8.218 min Scan# 1065

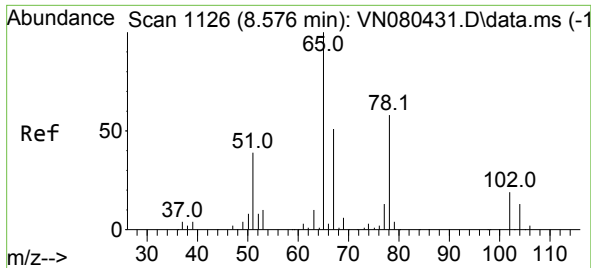
Delta R.T. -0.035 min

Lab File: VN080557.D

Acq: 20 Dec 2023 19:16

Tgt Ion:	56	Resp:	69149
Ion Ratio	Lower	Upper	
56	100		
69	23.7	26.8	40.2#
84	41.3	81.8	122.6#

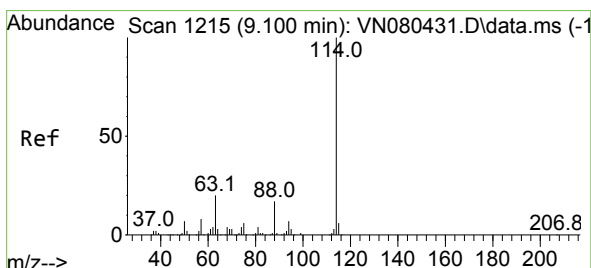
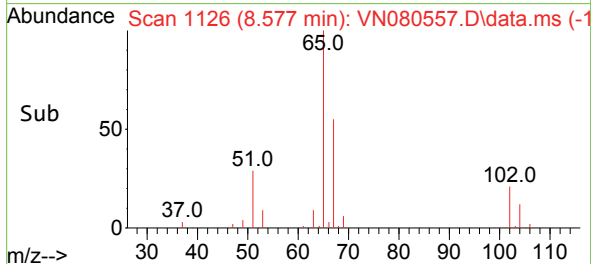
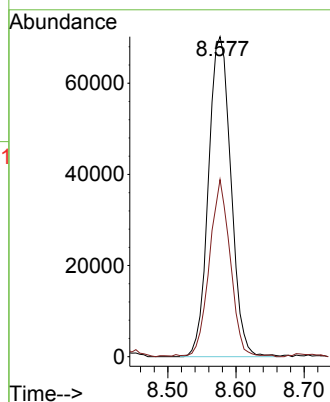
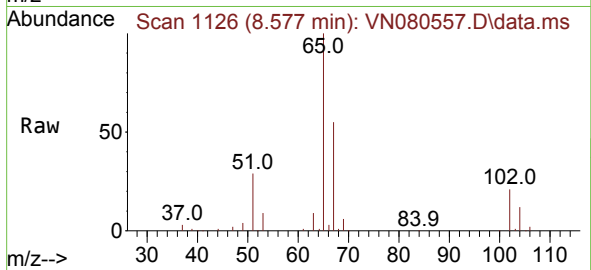




#33
 1,2-Dichloroethane-d4
 Concen: 53.139 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VN080557.D
 Acq: 20 Dec 2023 19:16

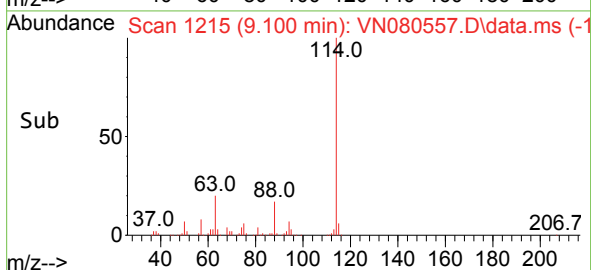
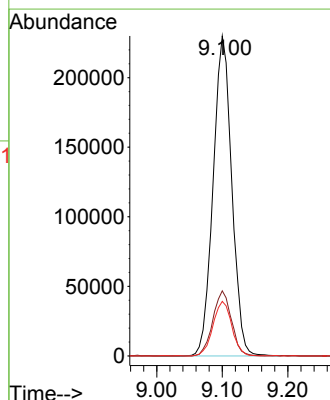
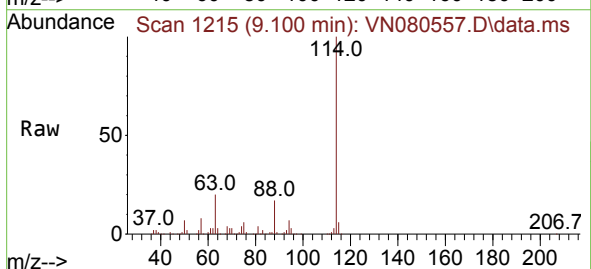
Instrument :
 MSVOA_N
 ClientSampleId :

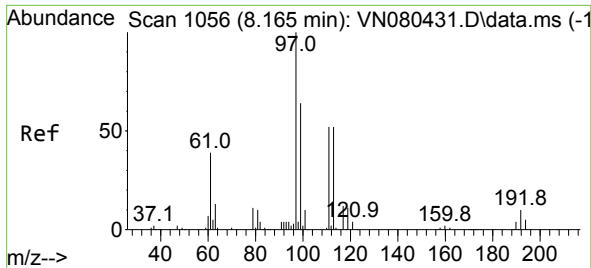
Tgt Ion: 65 Resp: 160971
 Ion Ratio Lower Upper
 65 100
 67 50.2 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.000 min
 Lab File: VN080557.D
 Acq: 20 Dec 2023 19:16

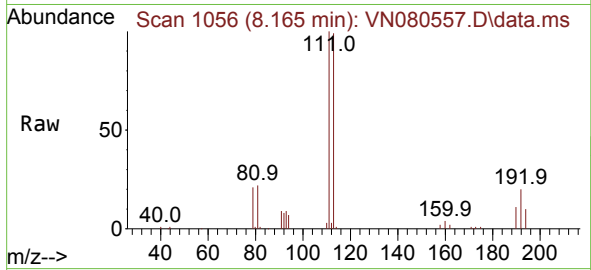
Tgt Ion: 114 Resp: 454667
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 36.4
 88 17.0 0.0 30.6



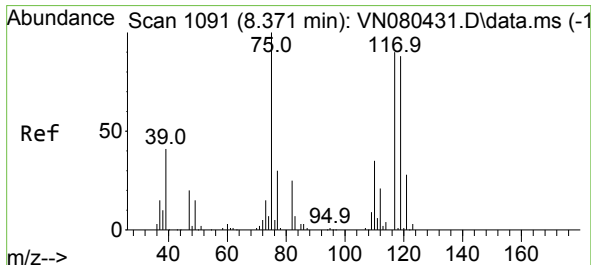
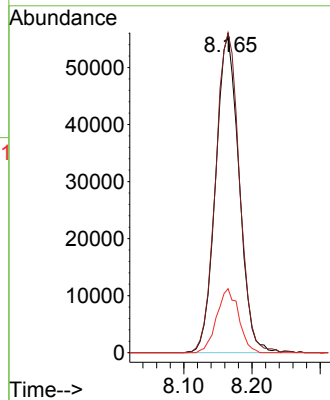
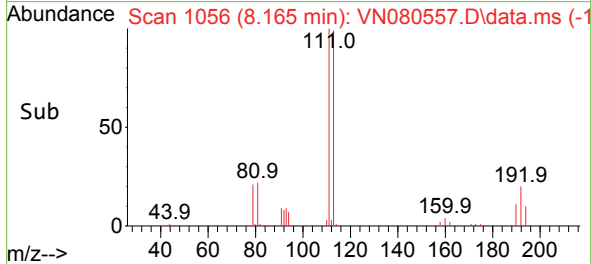


#35
Dibromofluoromethane
Concen: 46.138 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN080557.D
Acq: 20 Dec 2023 19:16

Instrument :
MSVOA_N
ClientSampleId :

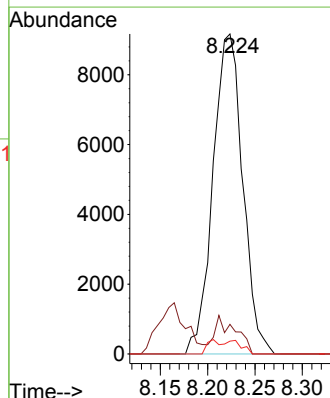
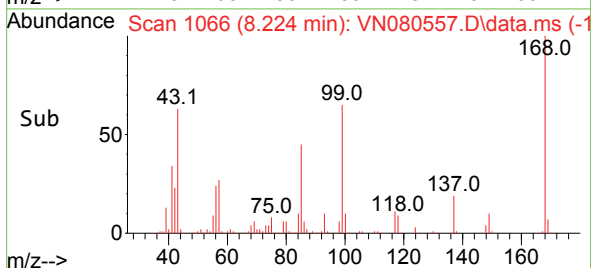
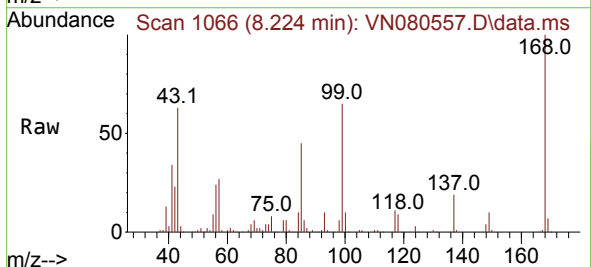


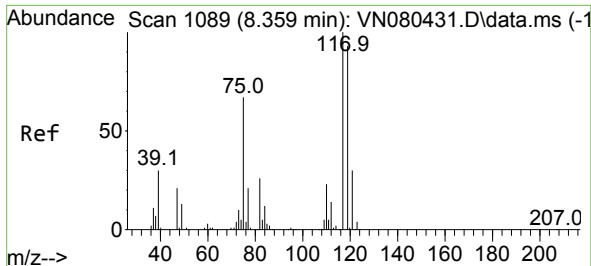
Tgt Ion:113 Resp: 133004
Ion Ratio Lower Upper
113 100
111 103.0 82.6 123.8
192 18.9 12.7 19.1



#36
1,1-Dichloropropene
Concen: 4.249 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN080557.D
Acq: 20 Dec 2023 19:16

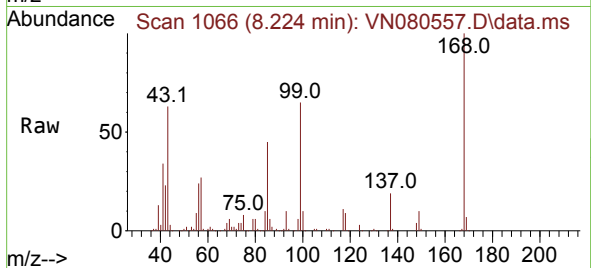
Tgt Ion: 75 Resp: 20027
Ion Ratio Lower Upper
75 100
110 8.4 19.1 57.3#
77 1.8 25.0 37.4#



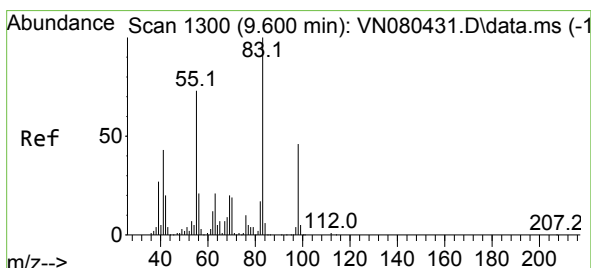
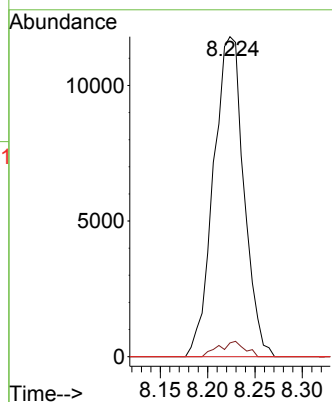
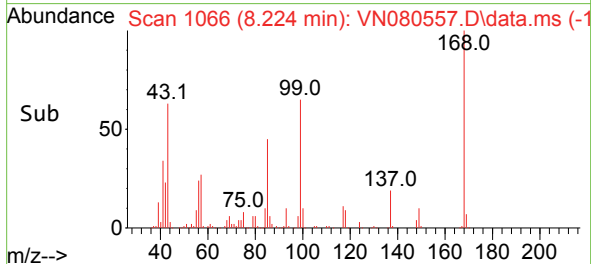


#38
Carbon Tetrachloride
Concen: 4.675 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN080557.D
Acq: 20 Dec 2023 19:16

Instrument :
MSVOA_N
ClientSampleId :

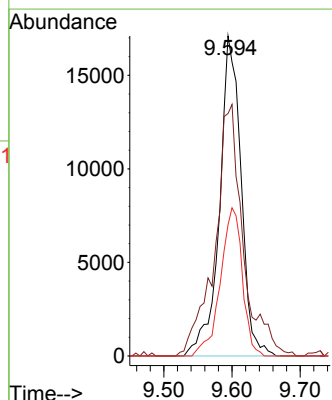
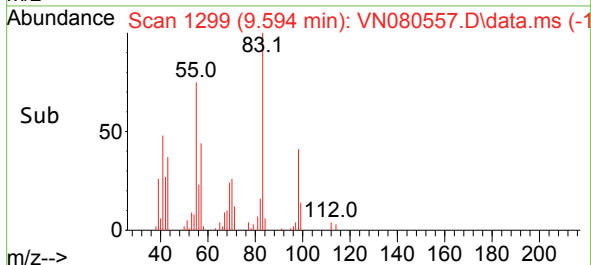
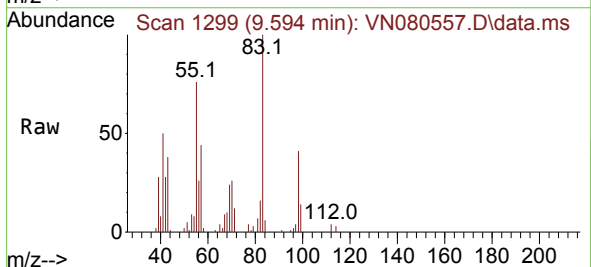


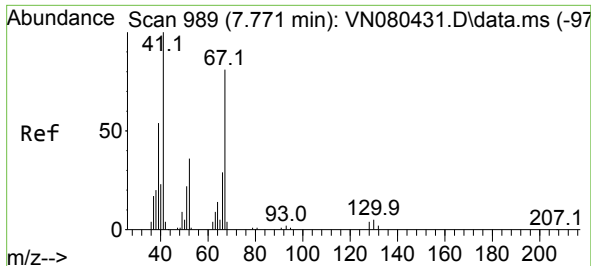
Tgt Ion:117 Resp: 26329
Ion Ratio Lower Upper
117 100
119 4.3 77.3 115.9#
121 0.0 23.3 34.9#



#39
Methylcyclohexane
Concen: 7.684 ug/l
RT: 9.594 min Scan# 1299
Delta R.T. -0.006 min
Lab File: VN080557.D
Acq: 20 Dec 2023 19:16

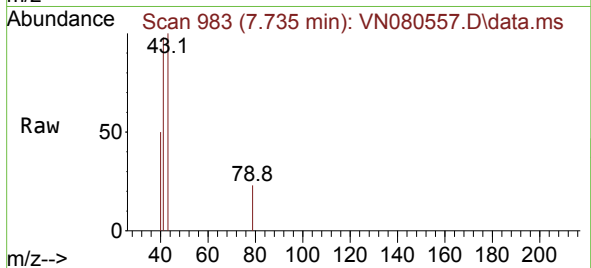
Tgt Ion: 83 Resp: 37625
Ion Ratio Lower Upper
83 100
55 74.6 49.1 73.7#
98 41.0 40.6 61.0



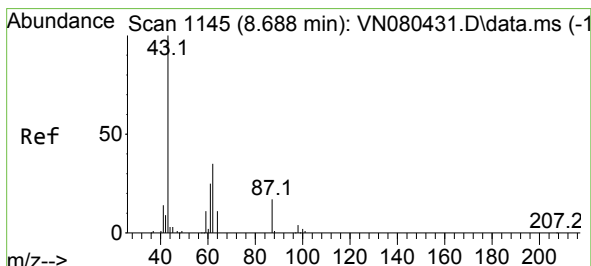
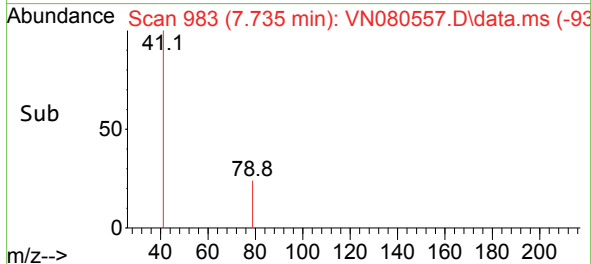
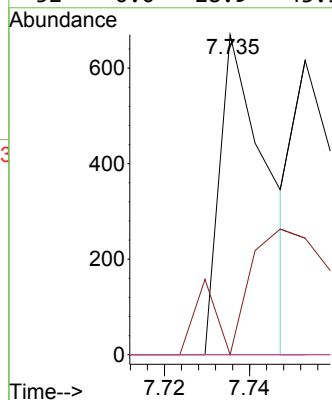


#41
Methacrylonitrile
Concen: 0.303 ug/l
RT: 7.735 min Scan# 91
Delta R.T. -0.035 min
Lab File: VN080557.D
Acq: 20 Dec 2023 19:16

Instrument :
MSVOA_N
ClientSampleId :

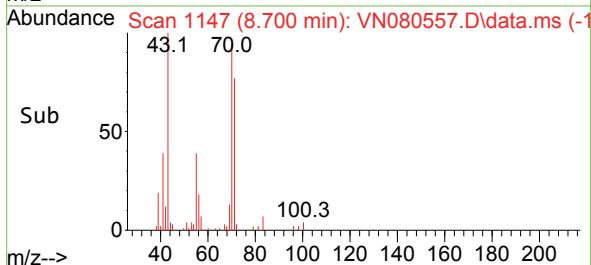
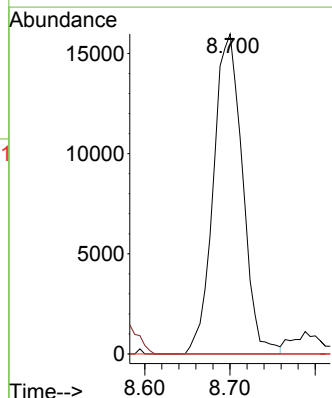
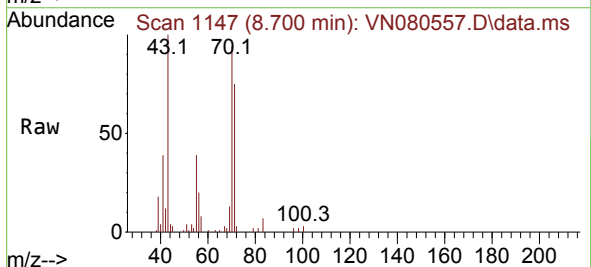


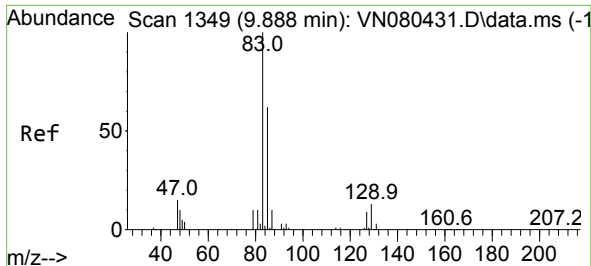
Tgt Ion:	41	Resp:	515
Ion	Ratio	Lower	Upper
41	100		
39	0.0	42.6	64.0#
67	0.0	77.5	116.3#
52	0.0	28.9	43.3#



#43
Isopropyl Acetate
Concen: 7.134 ug/l
RT: 8.700 min Scan# 1147
Delta R.T. 0.012 min
Lab File: VN080557.D
Acq: 20 Dec 2023 19:16

Tgt Ion:	43	Resp:	37859
Ion	Ratio	Lower	Upper
43	100		
61	0.0	24.7	37.1#
87	0.0	14.6	21.8#

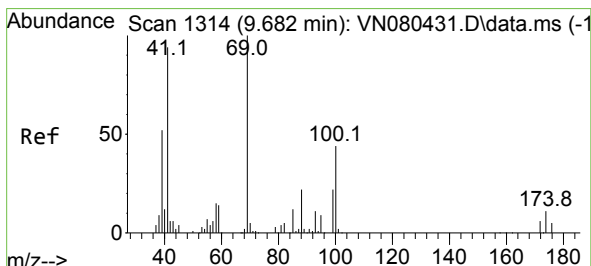
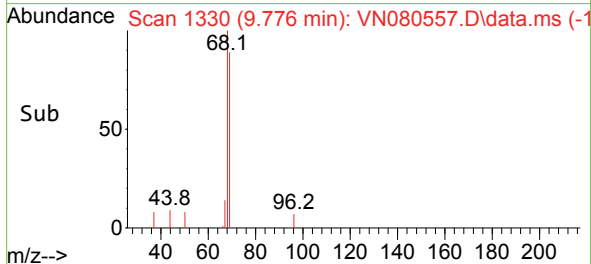
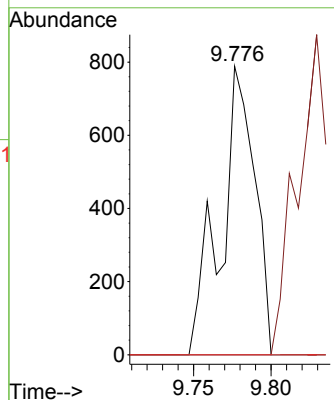
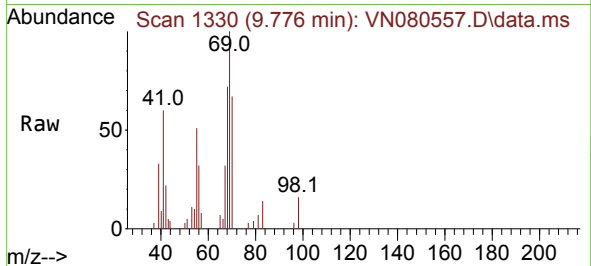




#47
Bromodichloromethane
Concen: 0.245 ug/l
RT: 9.776 min Scan# 11
Delta R.T. -0.112 min
Lab File: VN080557.D
Acq: 20 Dec 2023 19:16

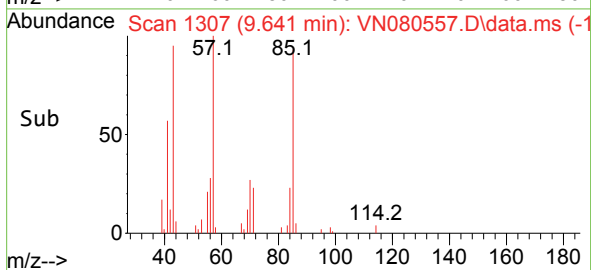
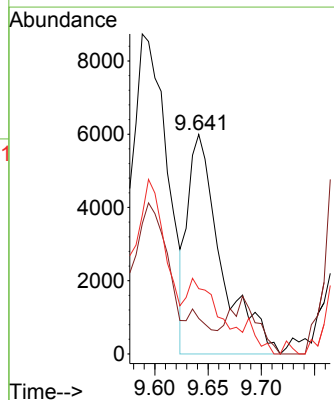
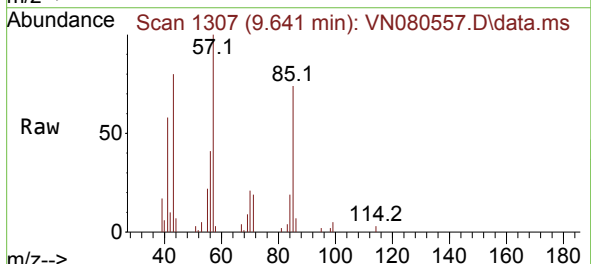
Instrument :
MSVOA_N
ClientSampleId :

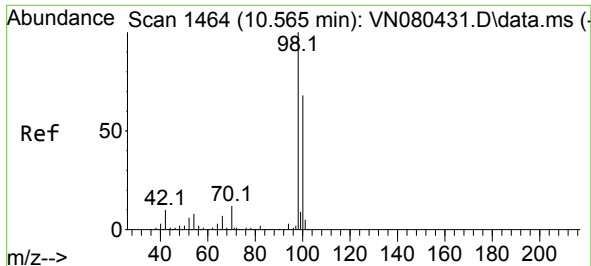
Tgt Ion: 83 Resp: 1203
Ion Ratio Lower Upper
83 100
85 0.0 49.6 74.4#
127 0.0 7.0 10.6#



#48
Methyl methacrylate
Concen: 4.137 ug/l
RT: 9.641 min Scan# 1307
Delta R.T. -0.041 min
Lab File: VN080557.D
Acq: 20 Dec 2023 19:16

Tgt Ion: 41 Resp: 13102
Ion Ratio Lower Upper
41 100
69 0.0 90.4 135.6#
39 18.0 54.6 81.8#

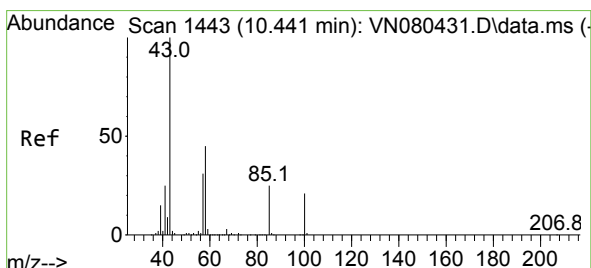
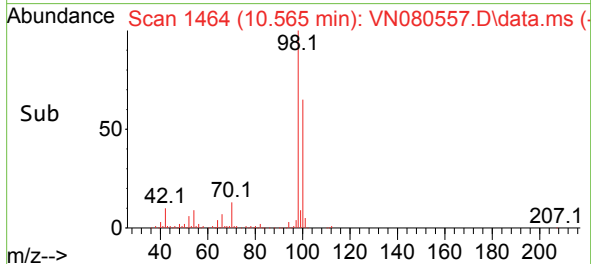
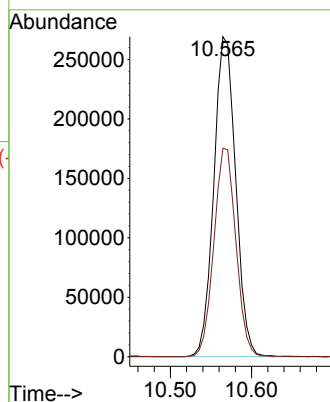
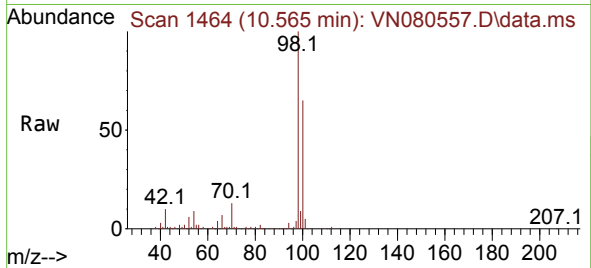




#50
Toluene-d8
Concen: 46.909 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN080557.D
Acq: 20 Dec 2023 19:16

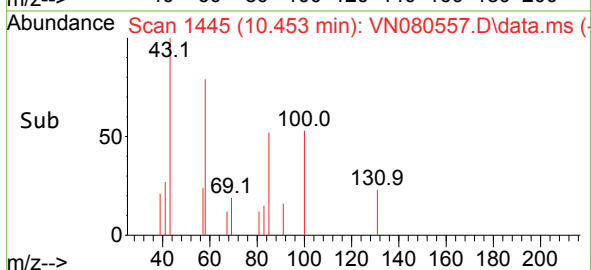
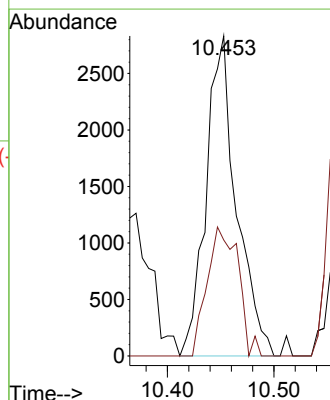
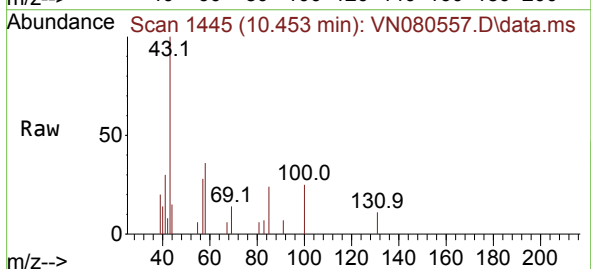
Instrument :
MSVOA_N
ClientSampleId :

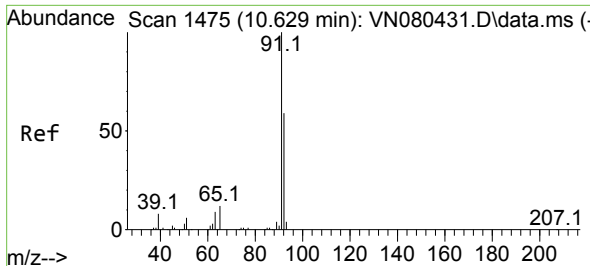
Tgt Ion: 98 Resp: 504328
Ion Ratio Lower Upper
98 100
100 65.5 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 1.919 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.012 min
Lab File: VN080557.D
Acq: 20 Dec 2023 19:16

Tgt Ion: 43 Resp: 5610
Ion Ratio Lower Upper
43 100
58 41.3 36.6 54.8

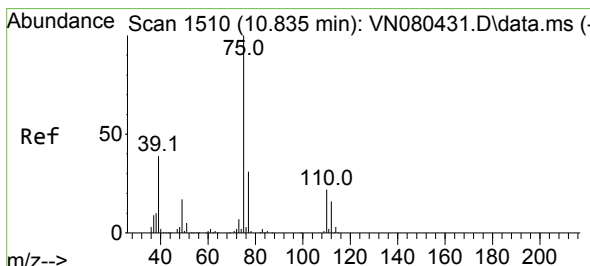
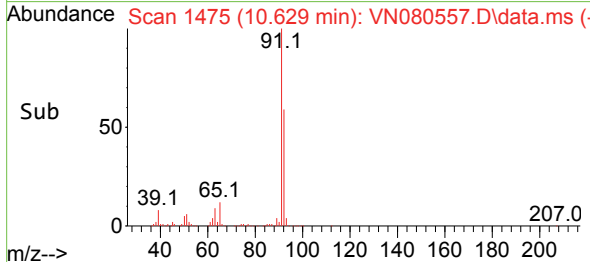
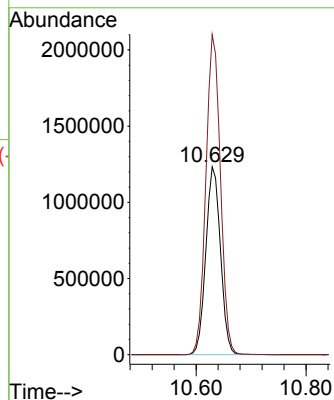
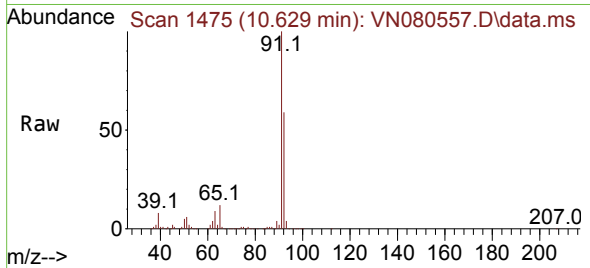




#52
Toluene
Concen: 264.763 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN080557.D
Acq: 20 Dec 2023 19:16

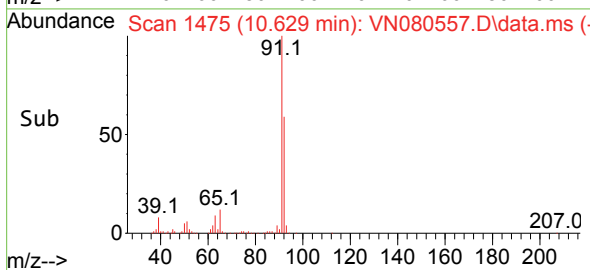
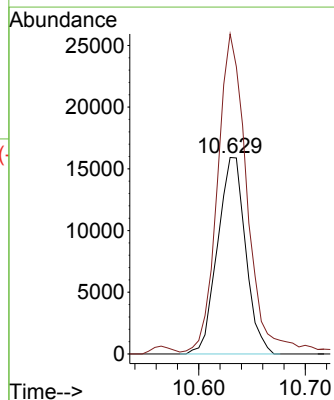
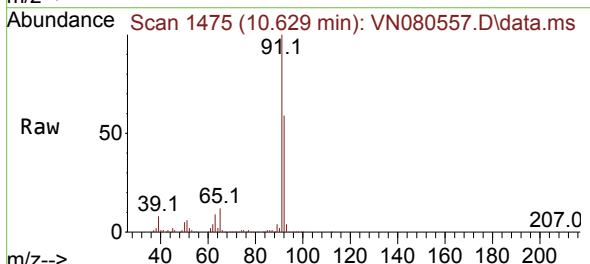
Instrument :
MSVOA_N
ClientSampleId :

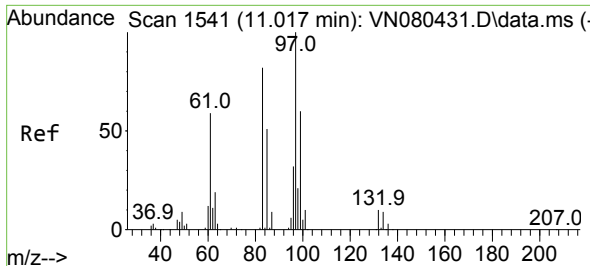
Tgt Ion: 92 Resp: 2276566
Ion Ratio Lower Upper
92 100
91 169.6 137.4 206.0



#53
t-1,3-Dichloropropene
Concen: 5.469 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.206 min
Lab File: VN080557.D
Acq: 20 Dec 2023 19:16

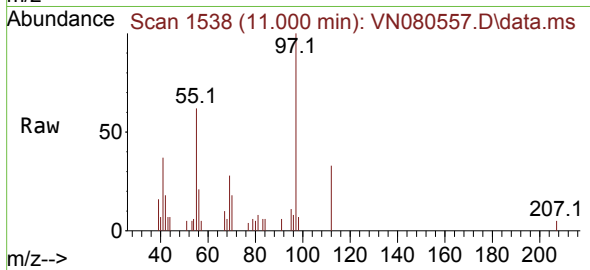
Tgt Ion: 75 Resp: 29116
Ion Ratio Lower Upper
75 100
77 161.9 25.4 38.0#



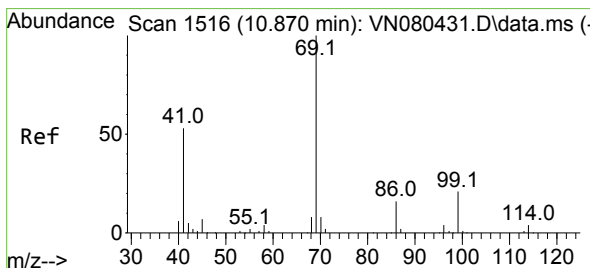
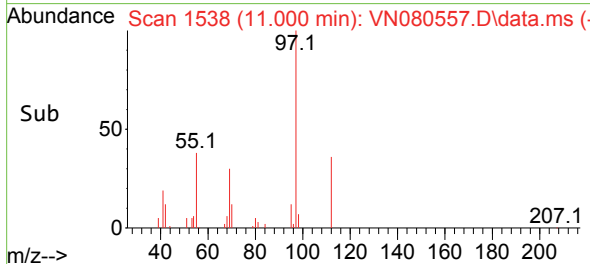
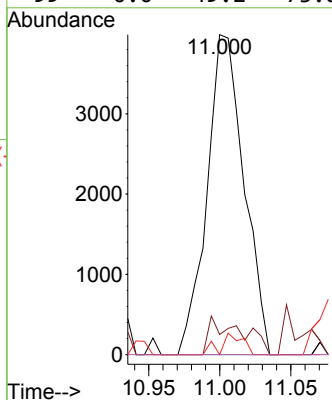


#55
1,1,2-Trichloroethane
Concen: 2.331 ug/l
RT: 11.000 min Scan# 11
Delta R.T. -0.018 min
Lab File: VN080557.D
Acq: 20 Dec 2023 19:16

Instrument :
MSVOA_N
ClientSampleId :

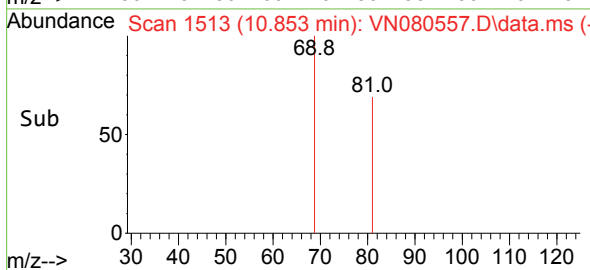
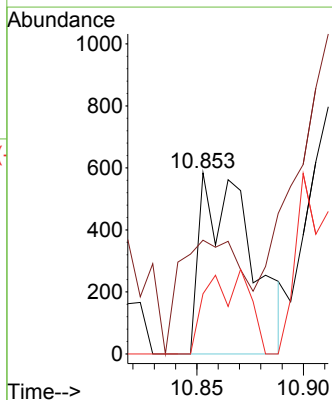
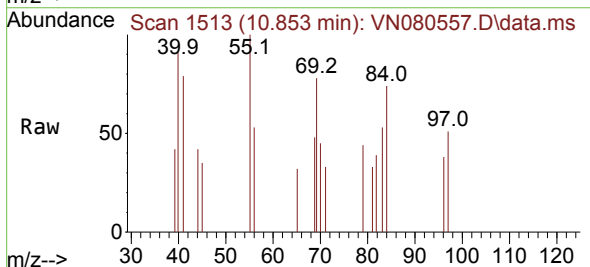


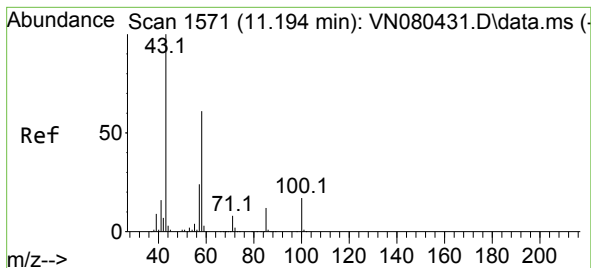
Tgt Ion: 97	Resp: 7212
Ion Ratio	Lower Upper
97 100	
83 6.3	65.1 97.7#
85 0.0	43.4 65.2#
99 0.0	49.2 73.8#



#56
Ethyl methacrylate
Concen: 0.282 ug/l
RT: 10.853 min Scan# 1513
Delta R.T. -0.018 min
Lab File: VN080557.D
Acq: 20 Dec 2023 19:16

Tgt Ion: 69	Resp: 967
Ion Ratio	Lower Upper
69 100	
41 0.0	39.6 59.4#
39 0.0	28.6 43.0#

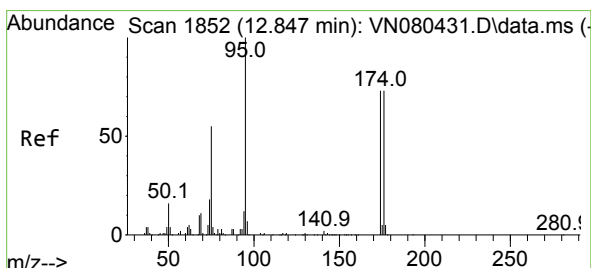
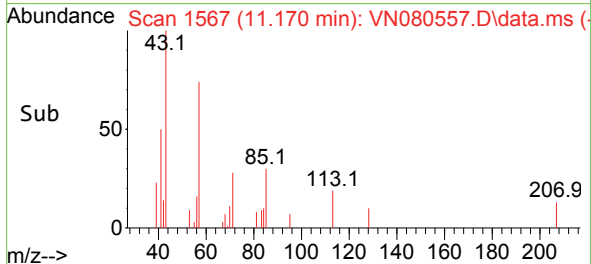
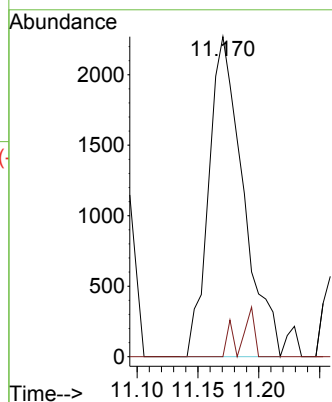
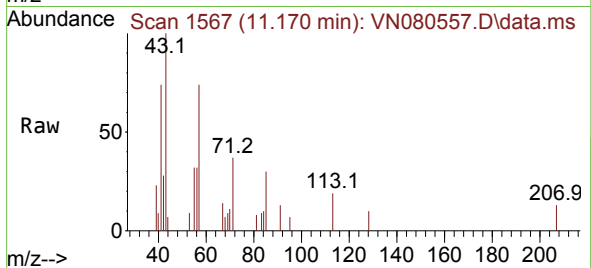




#59
2-Hexanone
Concen: 2.070 ug/l
RT: 11.170 min Scan# 11
Delta R.T. -0.023 min
Lab File: VN080557.D
Acq: 20 Dec 2023 19:16

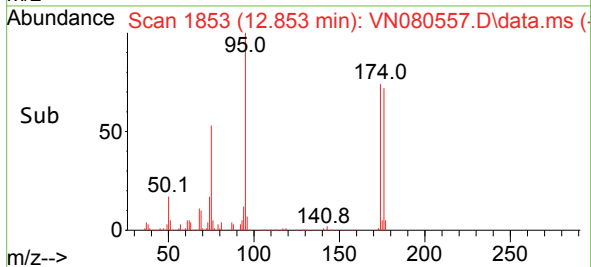
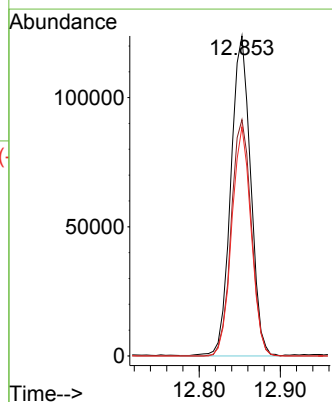
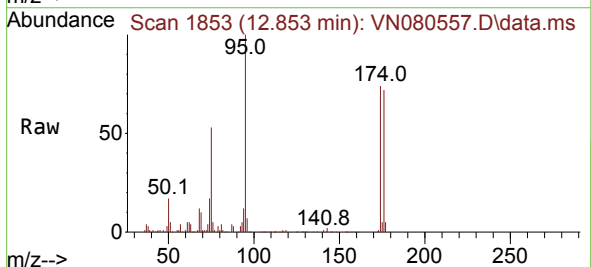
Instrument :
MSVOA_N
ClientSampleId :

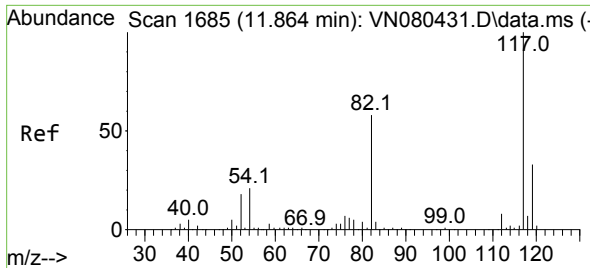
Tgt Ion: 43 Resp: 4466
Ion Ratio Lower Upper
43 100
58 0.0 31.7 95.1#



#62
4-Bromofluorobenzene
Concen: 51.355 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080557.D
Acq: 20 Dec 2023 19:16

Tgt Ion: 95 Resp: 209658
Ion Ratio Lower Upper
95 100
174 74.9 0.0 143.8
176 70.0 0.0 135.8

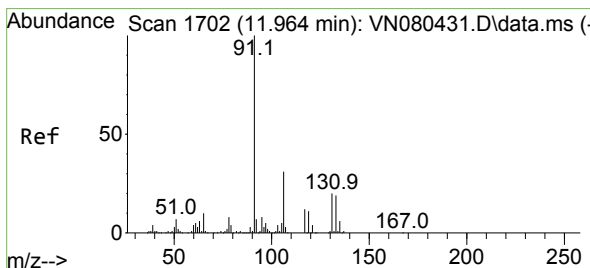
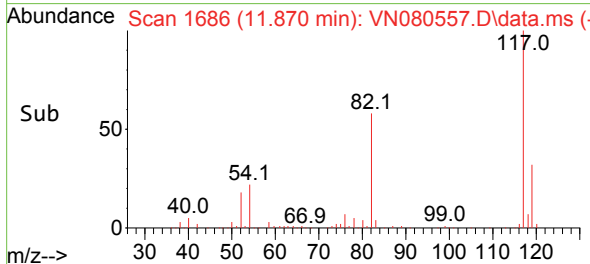
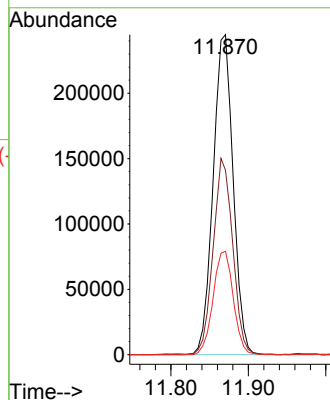
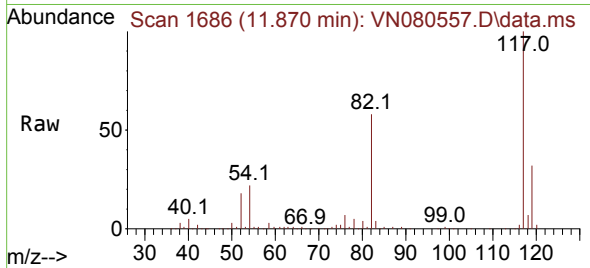




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN080557.D
Acq: 20 Dec 2023 19:16

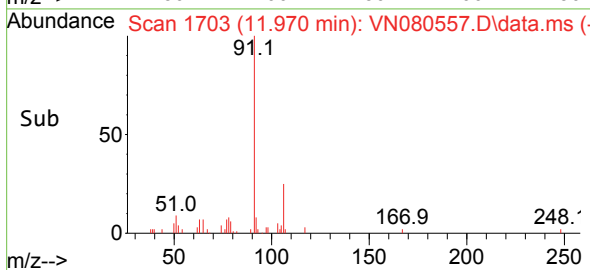
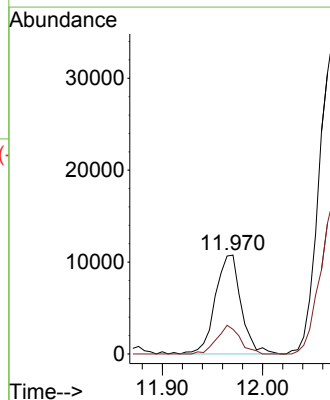
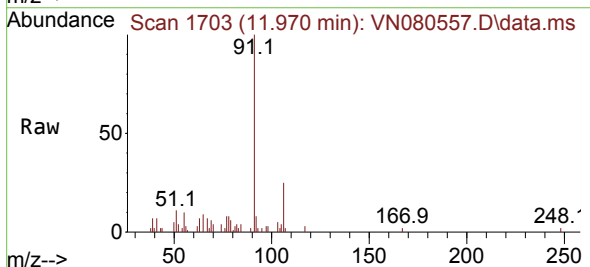
Instrument :
MSVOA_N
ClientSampleId :

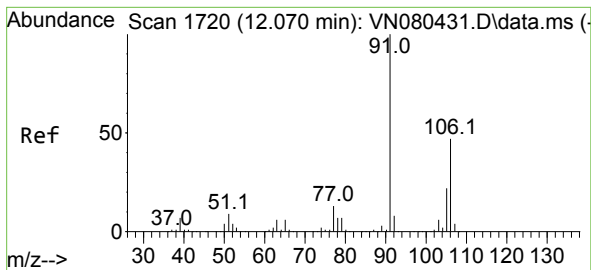
Tgt Ion:117 Resp: 439520
Ion Ratio Lower Upper
117 100
82 57.7 44.0 66.0
119 32.3 25.6 38.4



#67
Ethyl Benzene
Concen: 1.069 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. 0.006 min
Lab File: VN080557.D
Acq: 20 Dec 2023 19:16

Tgt Ion: 91 Resp: 19219
Ion Ratio Lower Upper
91 100
106 24.9 25.6 38.4#

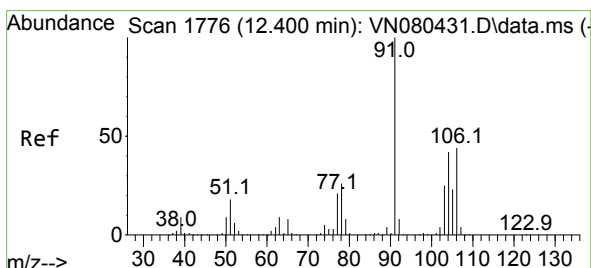
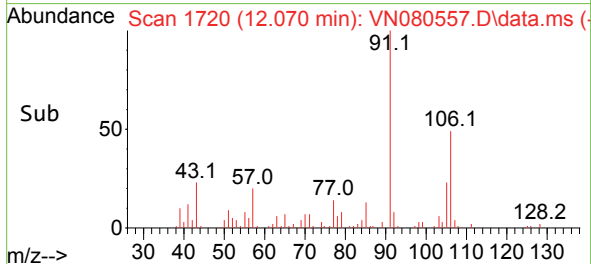
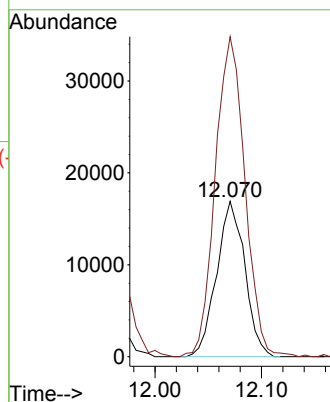
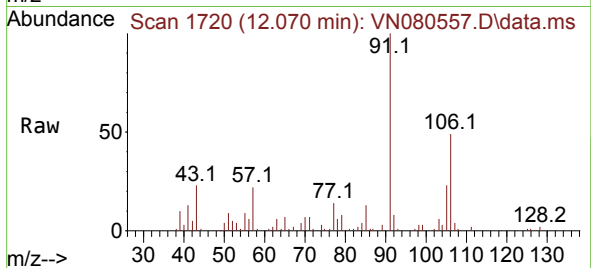




#68
m/p-Xylenes
Concen: 4.685 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN080557.D
Acq: 20 Dec 2023 19:16

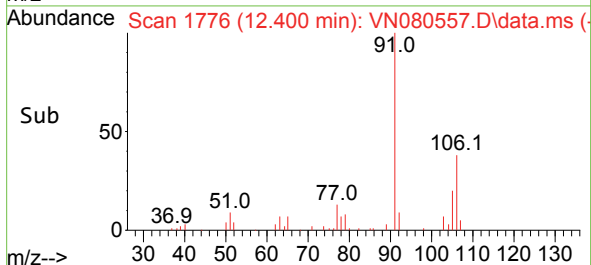
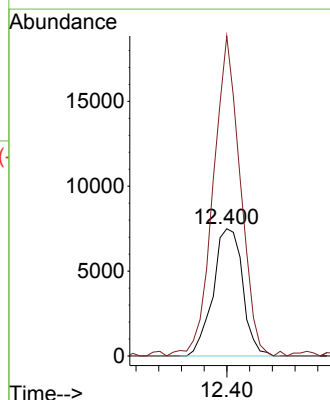
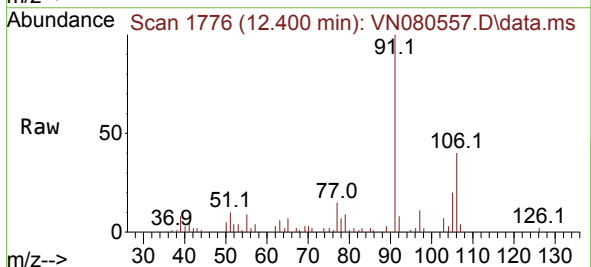
Instrument :
MSVOA_N
ClientSampleId :

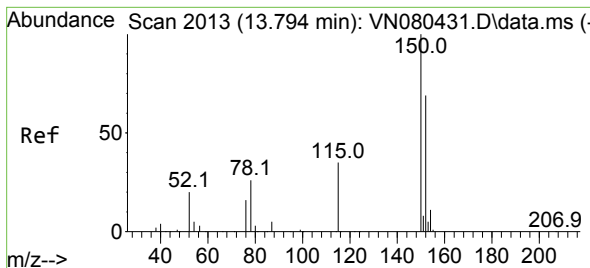
Tgt Ion:106 Resp: 31121
Ion Ratio Lower Upper
106 100
91 216.4 159.6 239.4



#69
o-Xylene
Concen: 2.084 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN080557.D
Acq: 20 Dec 2023 19:16

Tgt Ion:106 Resp: 13539
Ion Ratio Lower Upper
106 100
91 230.0 105.2 315.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VN080557.D

Acq: 20 Dec 2023 19:16

Instrument :

MSVOA_N

ClientSampleId :

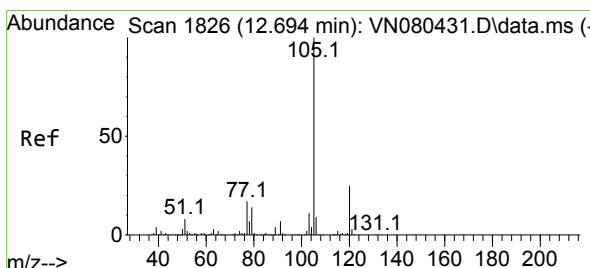
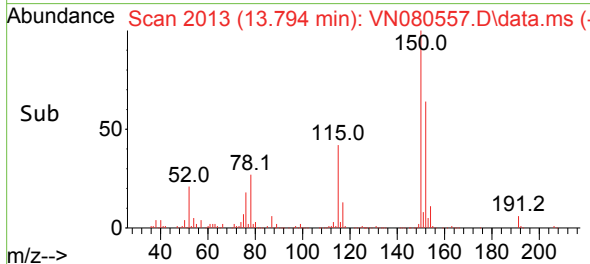
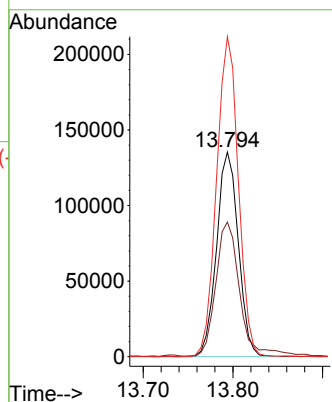
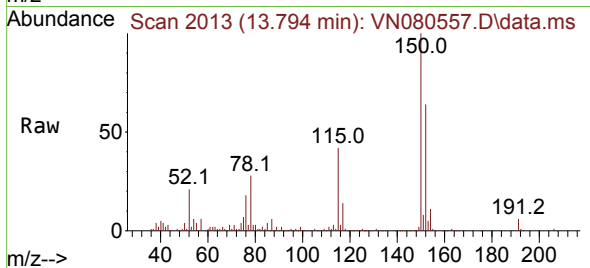
Tgt Ion:152 Resp: 227685

Ion Ratio Lower Upper

152 100

115 72.9 32.3 96.8

150 156.6 0.0 355.8



#73

Isopropylbenzene

Concen: 0.406 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. 0.000 min

Lab File: VN080557.D

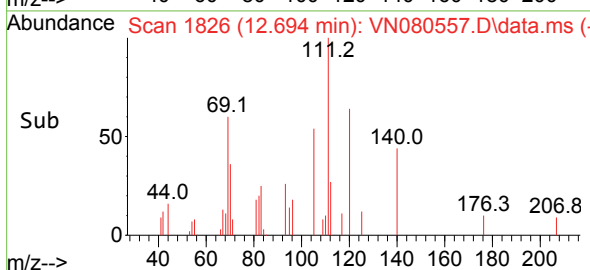
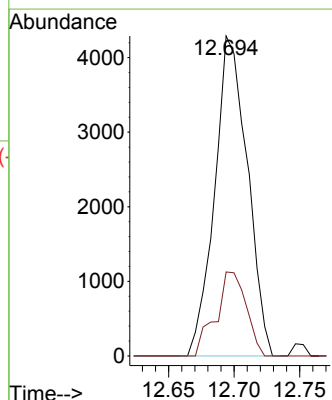
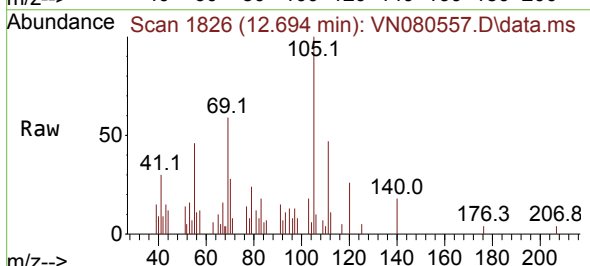
Acq: 20 Dec 2023 19:16

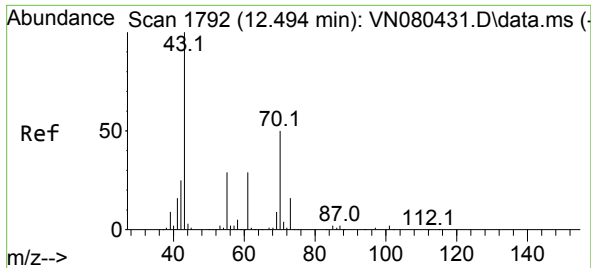
Tgt Ion:105 Resp: 7426

Ion Ratio Lower Upper

105 100

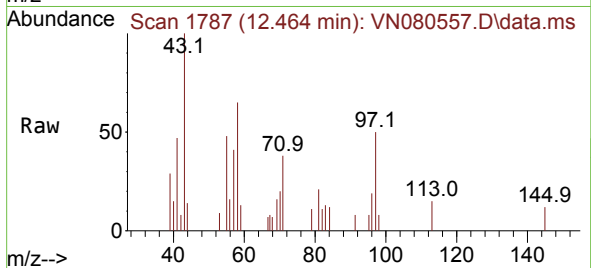
120 24.4 13.1 39.1



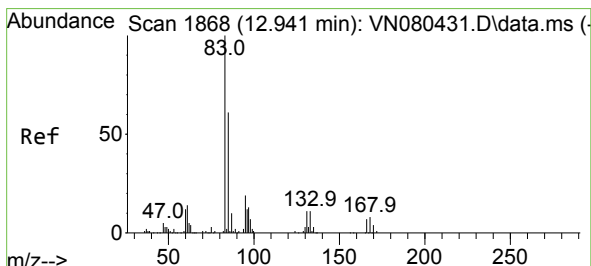
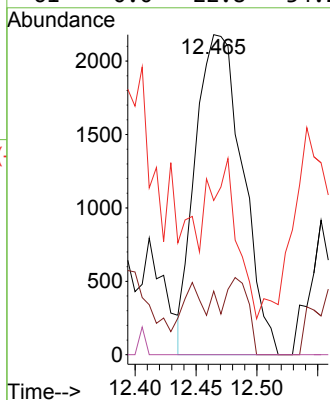
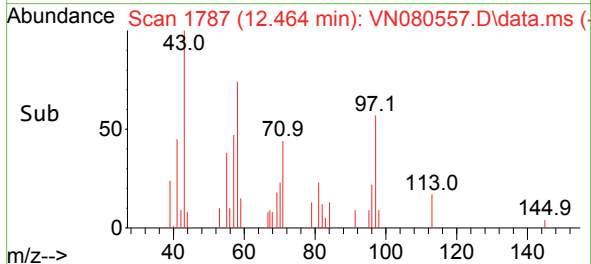


#74
N-amy1 acetate
Concen: 1.102 ug/l
RT: 12.464 min Scan# 1787
Delta R.T. -0.029 min
Lab File: VN080557.D
Acq: 20 Dec 2023 19:16

Instrument :
MSVOA_N
ClientSampleId :

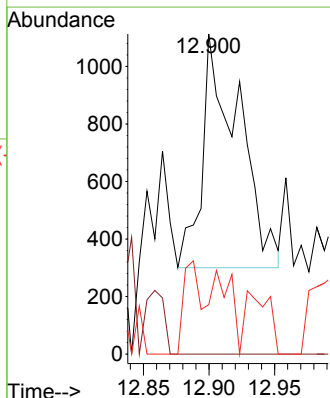
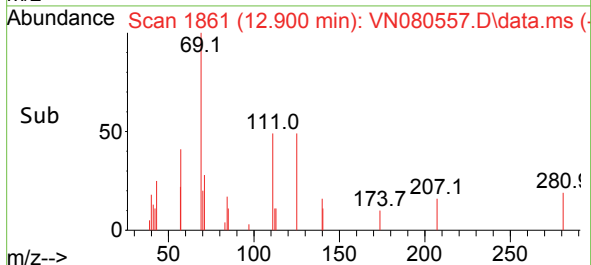
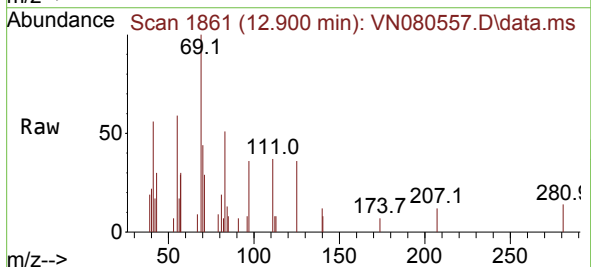


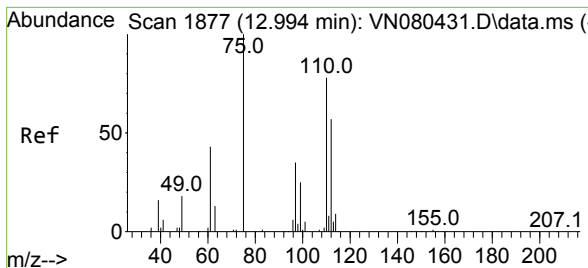
Tgt Ion: 43 Resp: 5888
Ion Ratio Lower Upper
43 100
70 10.8 43.4 65.2#
55 29.7 21.4 32.0
61 0.0 22.8 34.2#



#75
1,1,2,2-Tetrachloroethane
Concen: 0.324 ug/l
RT: 12.900 min Scan# 1861
Delta R.T. -0.041 min
Lab File: VN080557.D
Acq: 20 Dec 2023 19:16

Tgt Ion: 83 Resp: 1586
Ion Ratio Lower Upper
83 100
131 0.0 5.0 15.0#
85 0.0 31.9 95.7#





#76

1,2,3-Trichloropropane

Concen: 24.801 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

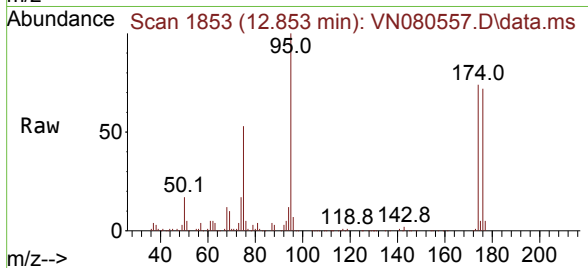
Lab File: VN080557.D

Acq: 20 Dec 2023 19:16

Instrument :

MSVOA_N

ClientSampleId :

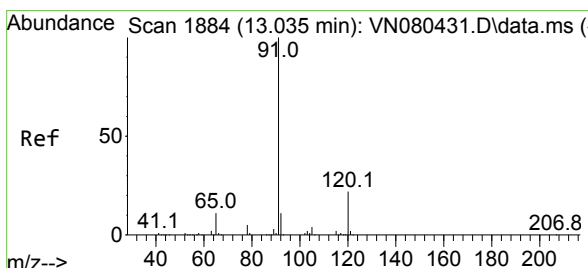
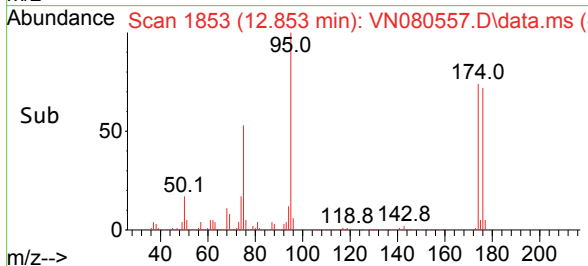
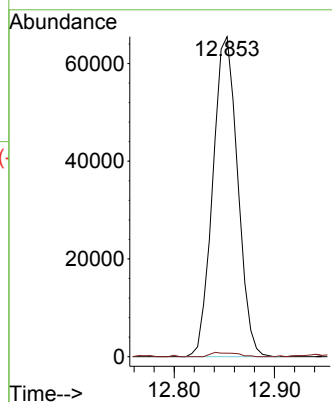


Tgt Ion: 75 Resp: 112651

Ion Ratio Lower Upper

75 100

77 1.4 84.5 253.5#



#78

n-propylbenzene

Concen: 0.825 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VN080557.D

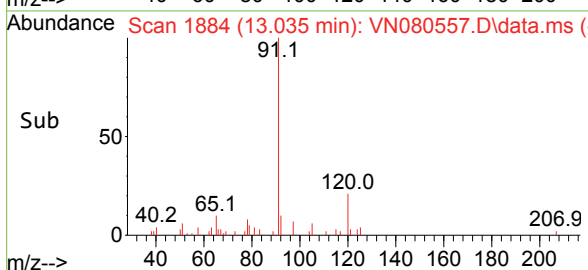
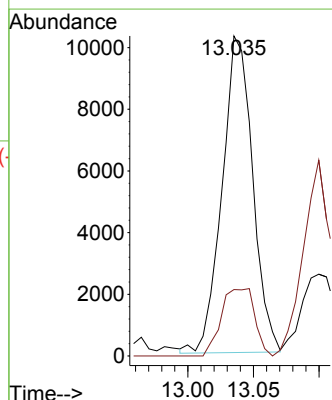
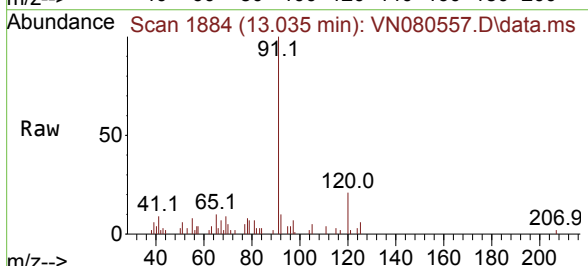
Acq: 20 Dec 2023 19:16

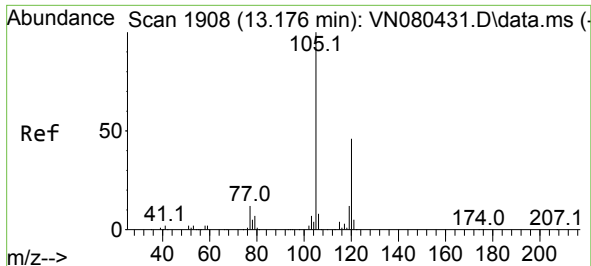
Tgt Ion: 91 Resp: 16645

Ion Ratio Lower Upper

91 100

120 23.2 11.5 34.4

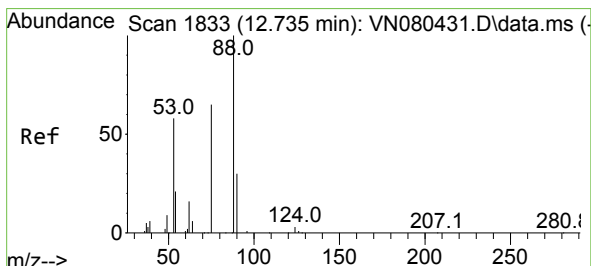
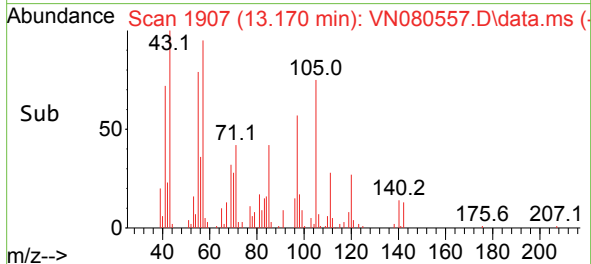
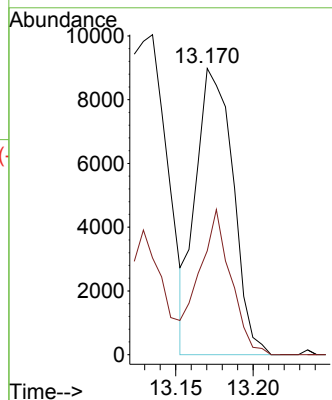
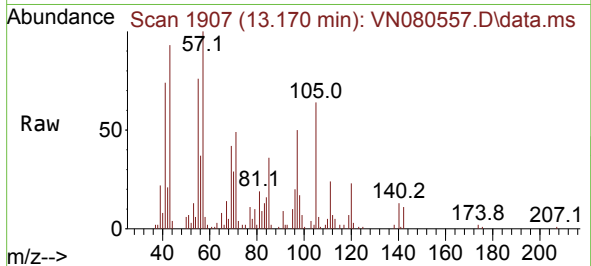




#80
 1,3,5-Trimethylbenzene
 Concen: 0.951 ug/l
 RT: 13.170 min Scan# 1908
 Delta R.T. -0.006 min
 Lab File: VN080557.D
 Acq: 20 Dec 2023 19:16

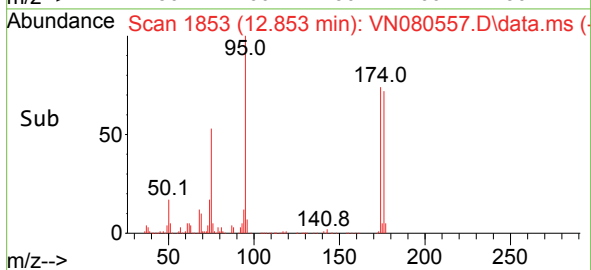
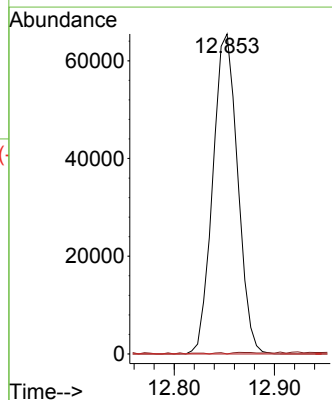
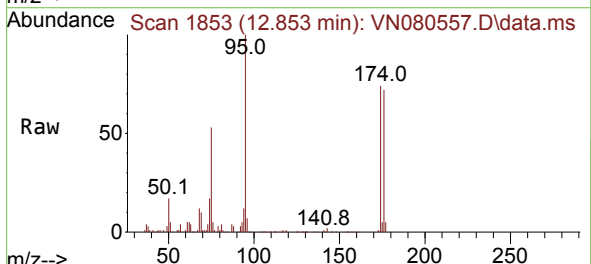
Instrument :
 MSVOA_N
 ClientSampleId :

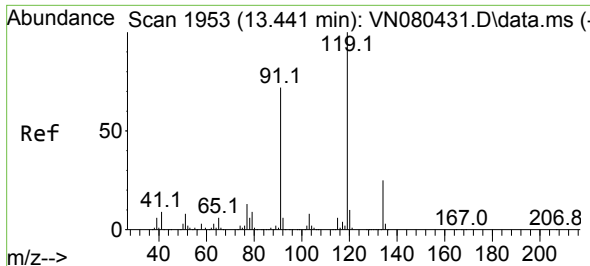
Tgt Ion:105 Resp: 14974
 Ion Ratio Lower Upper
 105 100
 120 43.2 24.1 72.3



#81
 trans-1,4-Dichloro-2-butene
 Concen: 65.117 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. 0.118 min
 Lab File: VN080557.D
 Acq: 20 Dec 2023 19:16

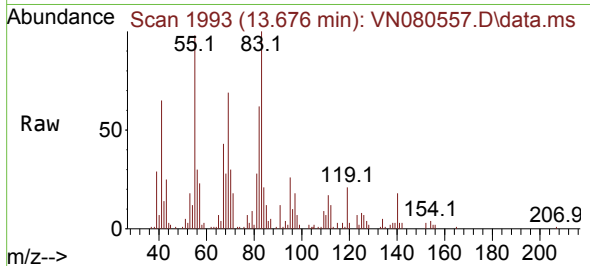
Tgt Ion: 75 Resp: 112651
 Ion Ratio Lower Upper
 75 100
 53 0.1 67.4 101.2#
 89 0.0 38.8 58.2#



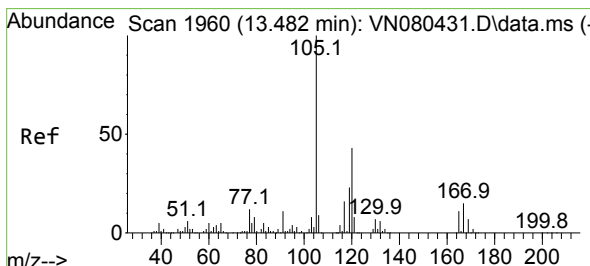
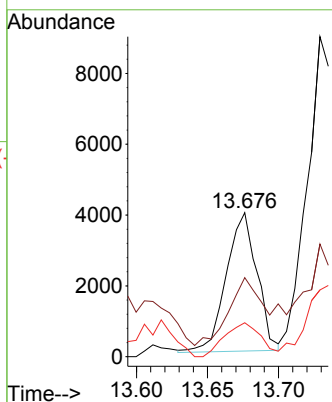
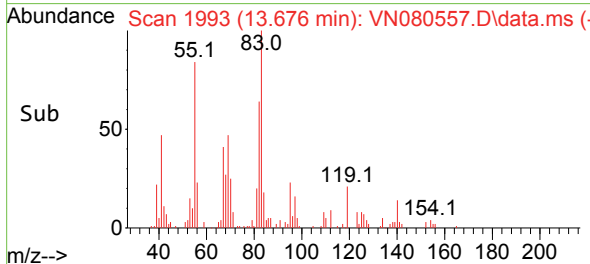


#83
tert-Butylbenzene
Concen: 0.457 ug/l
RT: 13.676 min Scan# 1953
Delta R.T. 0.235 min
Lab File: VN080557.D
Acq: 20 Dec 2023 19:16

Instrument :
MSVOA_N
ClientSampleId :

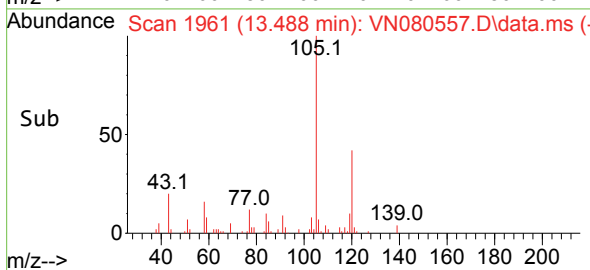
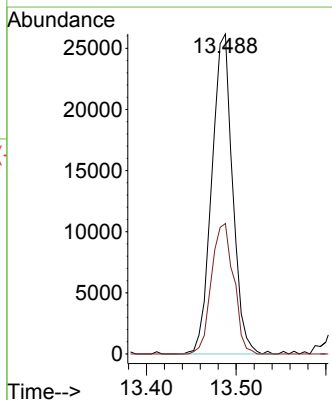
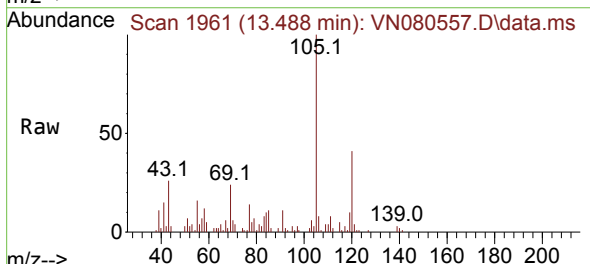


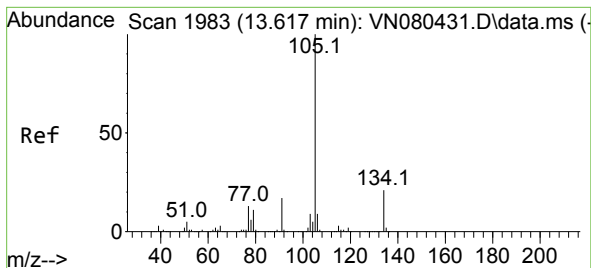
Tgt Ion:119 Resp: 5895
Ion Ratio Lower Upper
119 100
91 52.7 33.9 101.7
134 29.1 13.2 39.6



#84
1,2,4-Trimethylbenzene
Concen: 2.687 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.006 min
Lab File: VN080557.D
Acq: 20 Dec 2023 19:16

Tgt Ion:105 Resp: 42107
Ion Ratio Lower Upper
105 100
120 43.5 22.0 66.0





#85

sec-Butylbenzene

Concen: 0.354 ug/l

RT: 13.617 min Scan# 1983

Delta R.T. 0.000 min

Lab File: VN080557.D

Acq: 20 Dec 2023 19:16

Instrument :

MSVOA_N

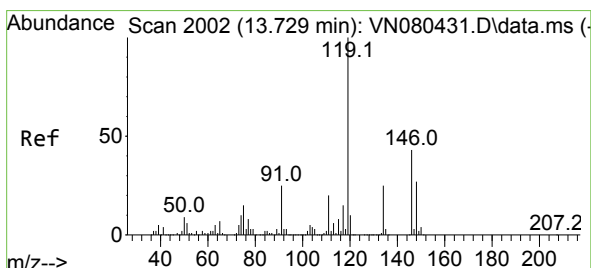
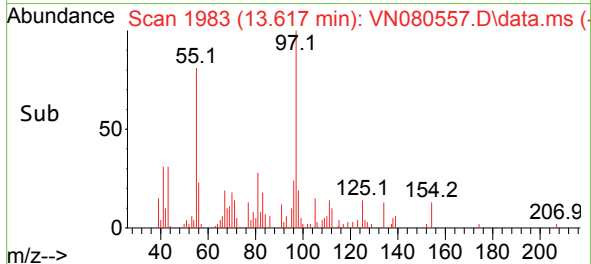
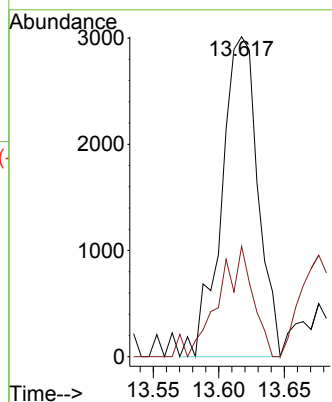
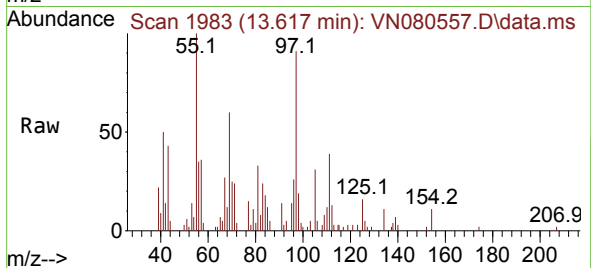
ClientSampleId :

Tgt Ion:105 Resp: 5838

Ion Ratio Lower Upper

105 100

134 31.6 9.8 29.3#



#86

p-Isopropyltoluene

Concen: 0.912 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN080557.D

Acq: 20 Dec 2023 19:16

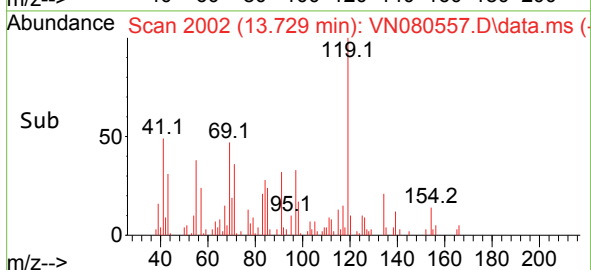
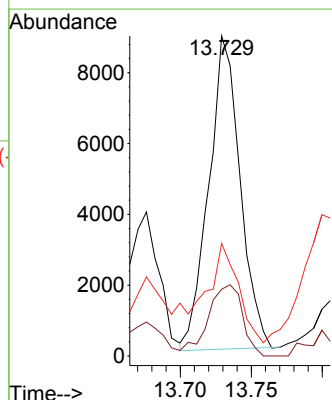
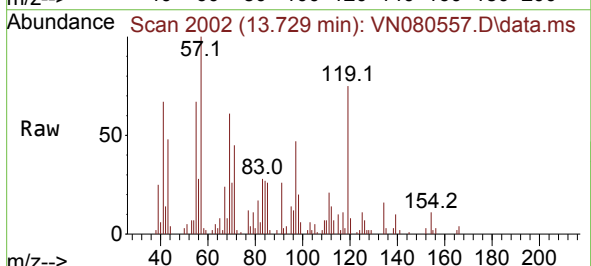
Tgt Ion:119 Resp: 13587

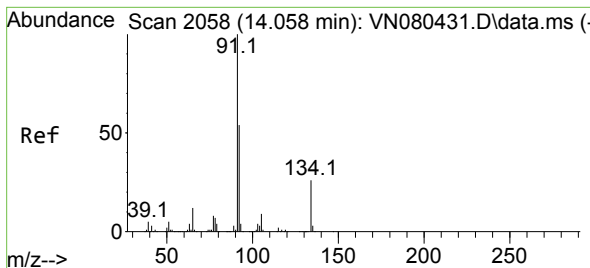
Ion Ratio Lower Upper

119 100

134 24.8 12.6 37.8

91 30.9 12.4 37.2





#89

n-Butylbenzene

Concen: 0.697 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN080557.D

Acq: 20 Dec 2023 19:16

Instrument :

MSVOA_N

ClientSampleId :

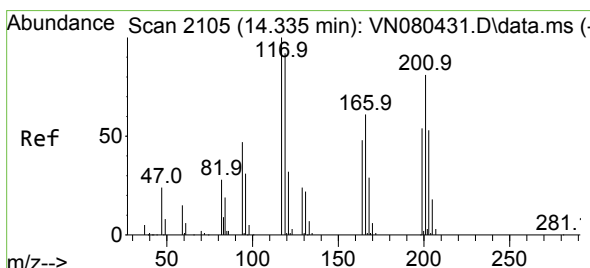
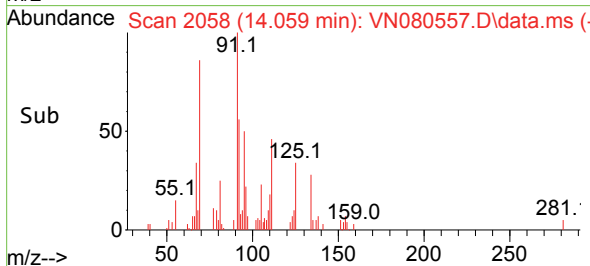
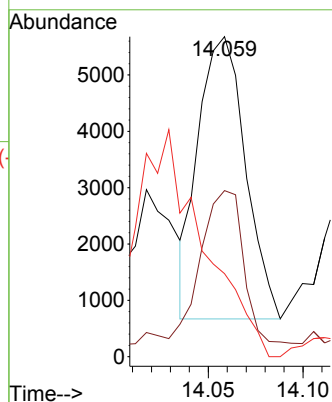
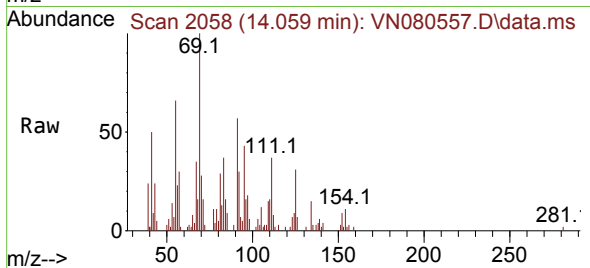
Tgt Ion: 91 Resp: 8669

Ion Ratio Lower Upper

91 100

92 51.7 26.4 79.0

134 0.0 12.6 37.6#



#90

Hexachloroethane

Concen: 0.786 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN080557.D

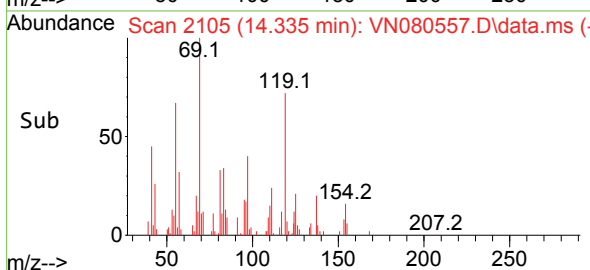
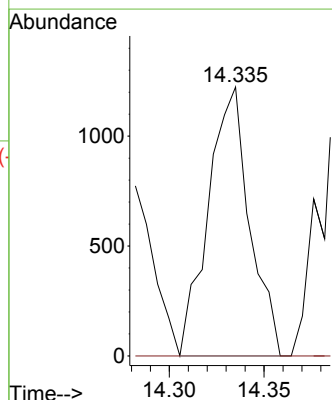
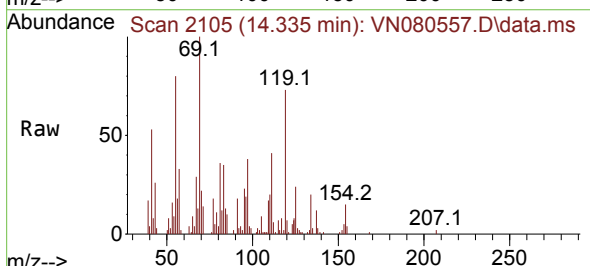
Acq: 20 Dec 2023 19:16

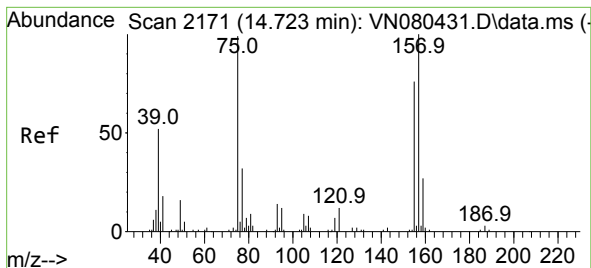
Tgt Ion: 117 Resp: 1860

Ion Ratio Lower Upper

117 100

201 0.0 29.3 88.0#

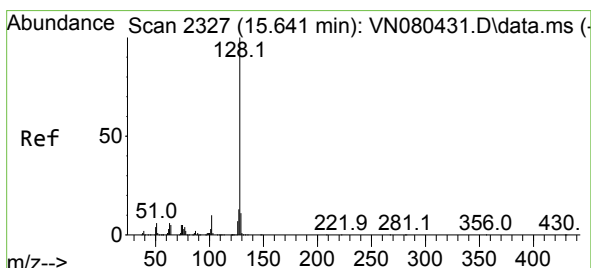
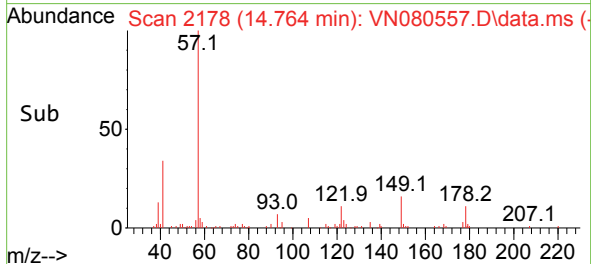
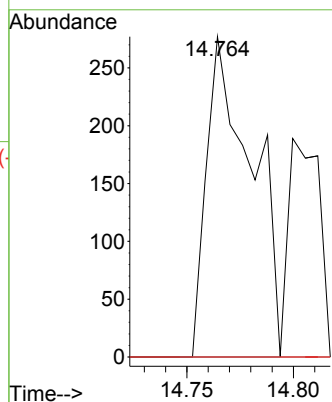
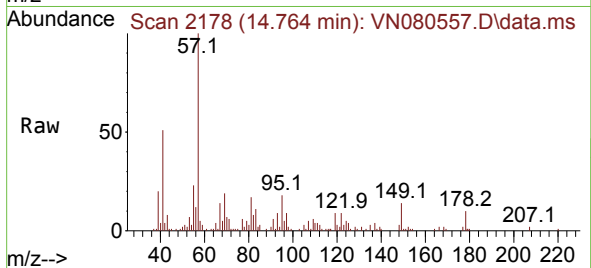




#92
1,2-Dibromo-3-Chloropropane
Concen: 0.397 ug/l
RT: 14.764 min Scan# 2171
Delta R.T. 0.041 min
Lab File: VN080557.D
Acq: 20 Dec 2023 19:16

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 409
Ion Ratio Lower Upper
75 100
155 0.0 39.1 117.2#
157 0.0 50.3 150.9#



#95
Naphthalene
Concen: 0.801 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. 0.006 min
Lab File: VN080557.D
Acq: 20 Dec 2023 19:16

Tgt Ion: 128 Resp: 10169
Ion Ratio Lower Upper
128 100
127 17.6 10.0 15.0#
129 10.0 8.7 13.1

