

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111323\
 Data File : VN080065.D
 Acq On : 13 Nov 2023 14:42
 Operator : JC\MD
 Sample : PB157075ZHE#06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB157075ZHE#06

Quant Time: Nov 14 19:24:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 05:49:08 2023
 Response via : Initial Calibration

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

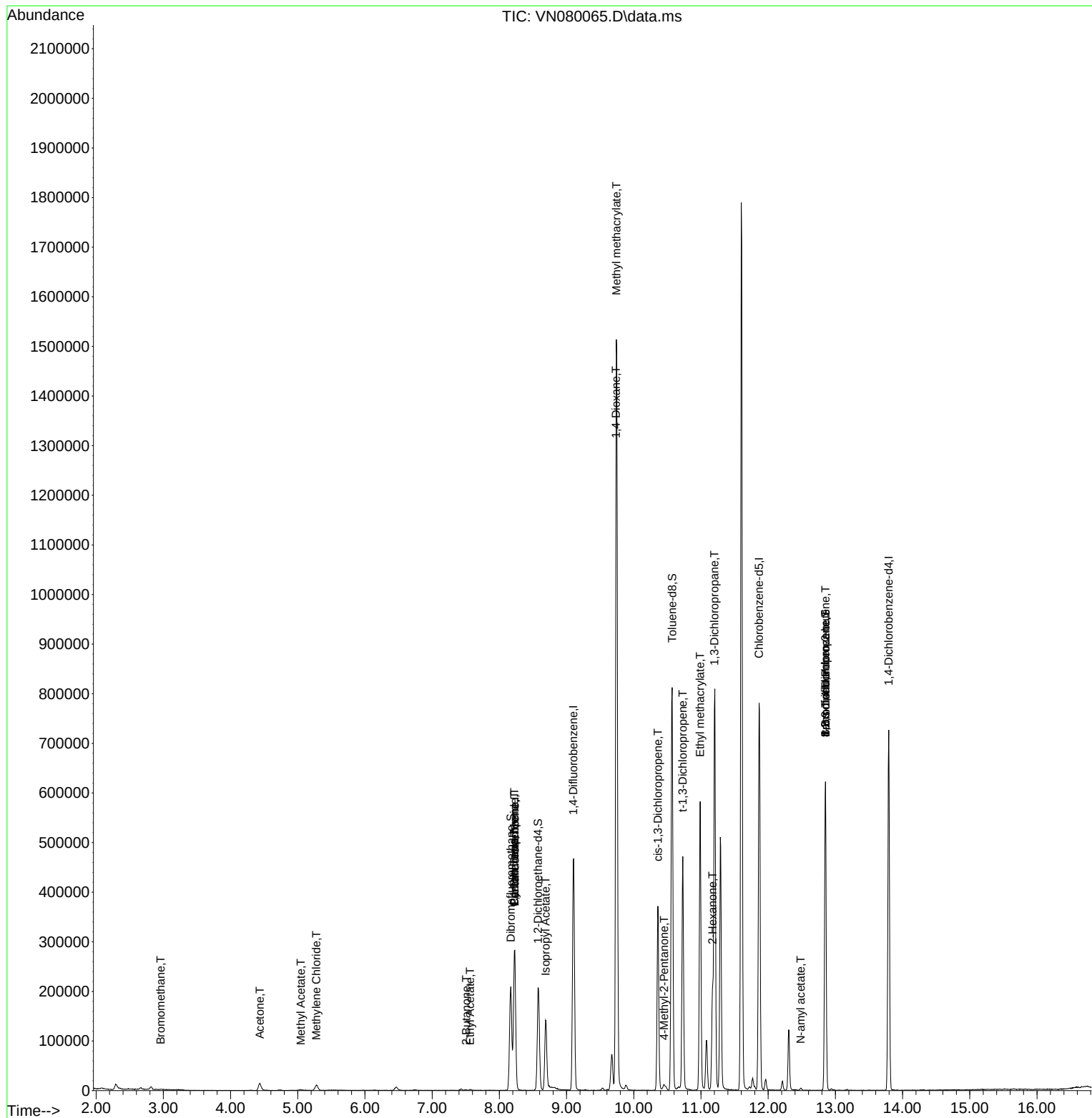
Internal Standards						
1) Pentafluorobenzene	8.230	168	200465	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	391453	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	448507	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	189565	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	180490	59.097	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 118.200%			
35) Dibromofluoromethane	8.171	113	149455	53.944	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.880%			
50) Toluene-d8	10.571	98	567069	55.598	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 111.200%			
62) 4-Bromofluorobenzene	12.853	95	220489	65.183	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 130.360%#			
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	254	Below Cal	#	1
5) Bromomethane	2.959	94	413	0.215	ug/l	93
16) Acetone	4.436	43	26621	24.814	ug/l	93
18) Methyl Acetate	5.047	43	3528	0.687	ug/l #	77
20) Methylene Chloride	5.277	84	8901	3.288	ug/l #	87
25) 2-Butanone	7.506	43	2087	1.328	ug/l	98
31) Cyclohexane	8.224	56	4824	1.195	ug/l #	49
36) 1,1-Dichloropropene	8.224	75	17446	4.410	ug/l #	49
37) Ethyl Acetate	7.565	43	3541	0.976	ug/l #	73
38) Carbon Tetrachloride	8.224	117	22406	5.620	ug/l #	16
43) Isopropyl Acetate	8.688	43	159317	25.040	ug/l #	86
48) Methyl methacrylate	9.741	41	140181	50.301	ug/l #	28
49) 1,4-Dioxane	9.735	88	76	1.543	ug/l #	1
51) 4-Methyl-2-Pentanone	10.453	43	13186	3.681	ug/l #	70
53) t-1,3-Dichloropropene	10.729	75	966	0.223	ug/l #	13
54) cis-1,3-Dichloropropene	10.359	75	69011	14.647	ug/l #	66
56) Ethyl methacrylate	10.988	69	3344	0.830	ug/l #	1
57) 1,3-Dichloropropane	11.200	76	9378	1.883	ug/l #	42
59) 2-Hexanone	11.171	43	151068	55.130	ug/l #	19
71) Bromoform	12.853	173	1652	0.664	ug/l #	1
74) N-amyl acetate	12.482	43	2023	0.322	ug/l #	38
76) 1,2,3-Trichloropropane	12.853	75	118667	26.664	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	118667	72.547	ug/l #	15

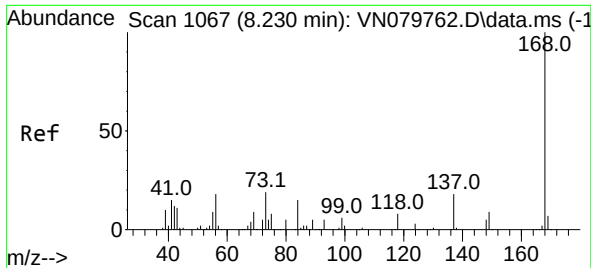
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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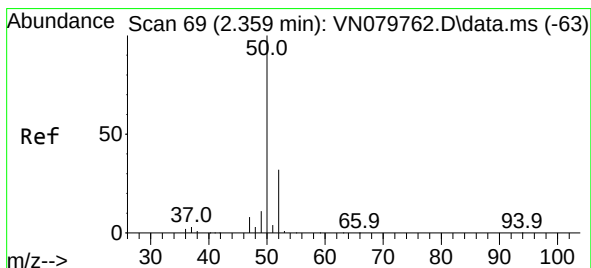
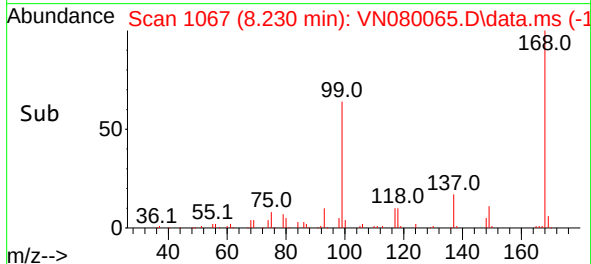
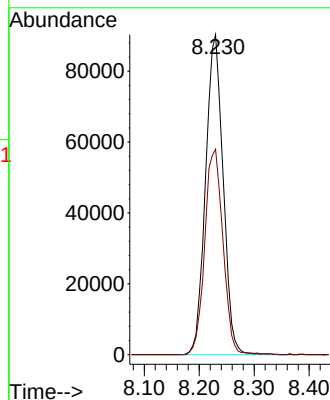
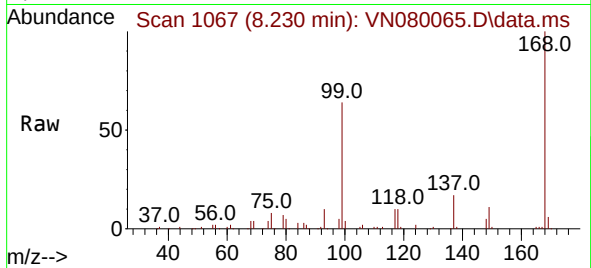




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. 0.001 min
Lab File: VN080065.D
Acq: 13 Nov 2023 14:42

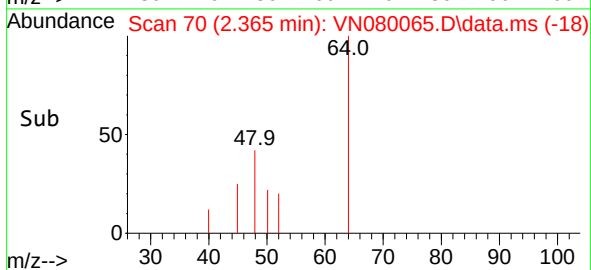
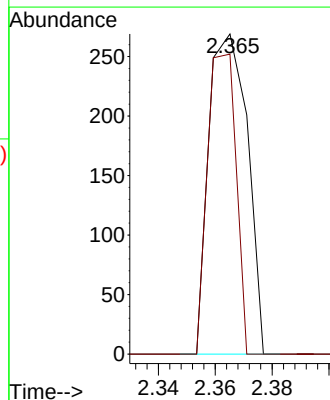
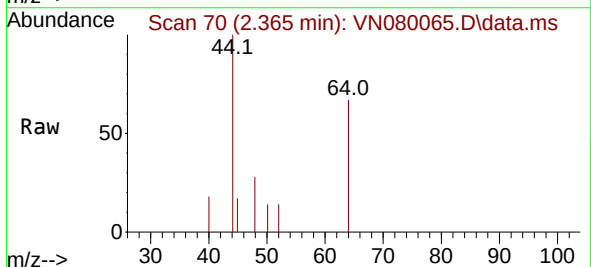
Instrument :
MSVOA_N
ClientSampleId :
PB157075ZHE#06

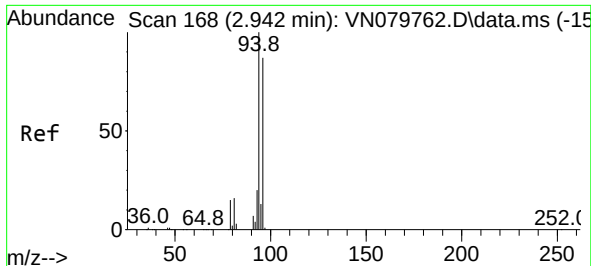
Tgt Ion:168 Resp: 200465
Ion Ratio Lower Upper
168 100
99 64.2 53.0 79.6



#3
Chloromethane
Concen: Below Cal
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN080065.D
Acq: 13 Nov 2023 14:42

Tgt Ion: 50 Resp: 254
Ion Ratio Lower Upper
50 100
52 93.7 26.5 39.7#

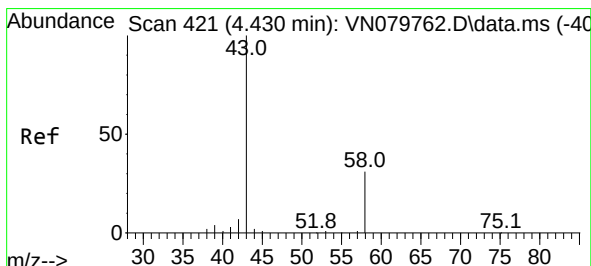
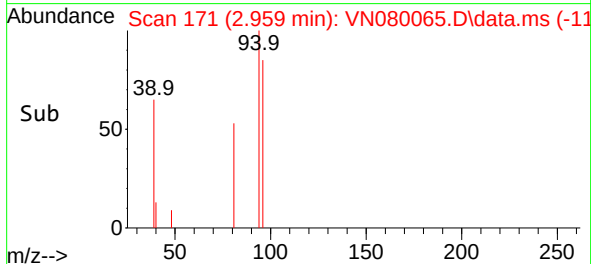
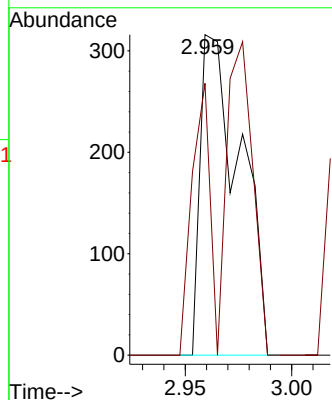
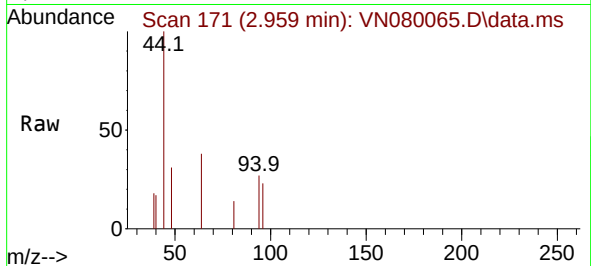




#5
Bromomethane
Concen: 0.215 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN080065.D
Acq: 13 Nov 2023 14:42

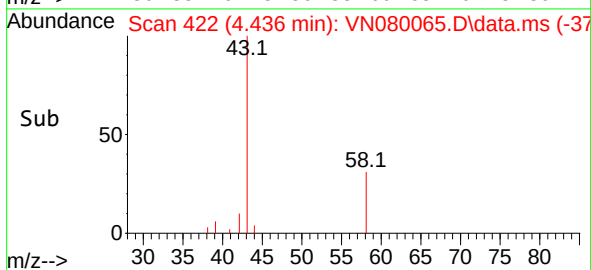
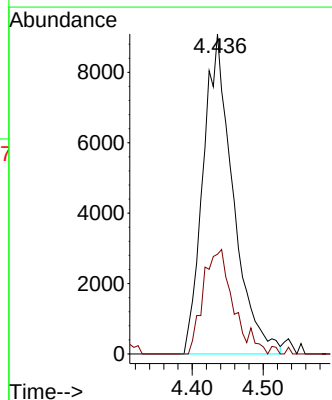
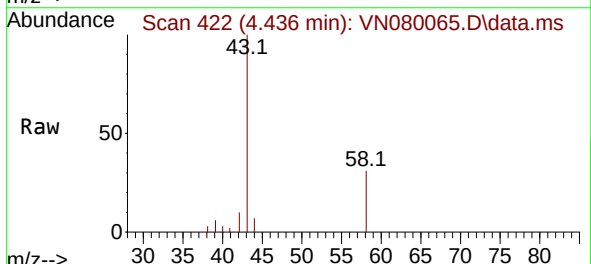
Instrument :
MSVOA_N
ClientSampleId :
PB157075ZHE#06

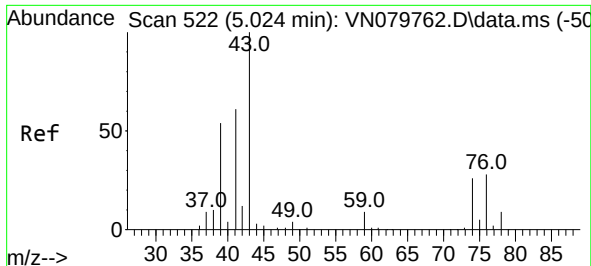
Tgt Ion: 94 Resp: 413
Ion Ratio Lower Upper
94 100
96 84.8 73.1 109.7



#16
Acetone
Concen: 24.814 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN080065.D
Acq: 13 Nov 2023 14:42

Tgt Ion: 43 Resp: 26621
Ion Ratio Lower Upper
43 100
58 31.2 28.0 42.0

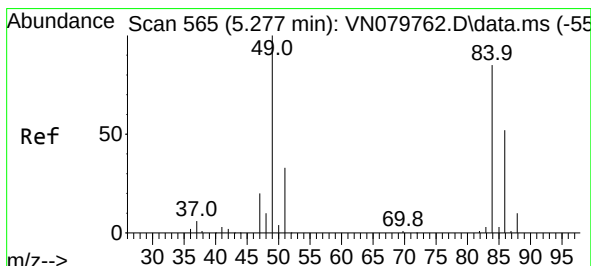
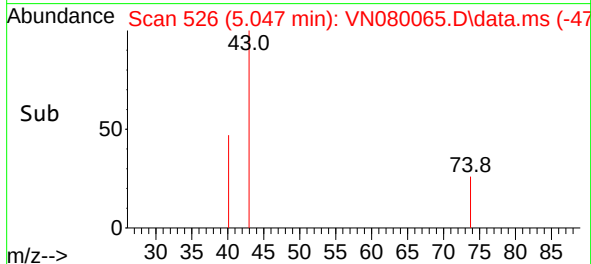
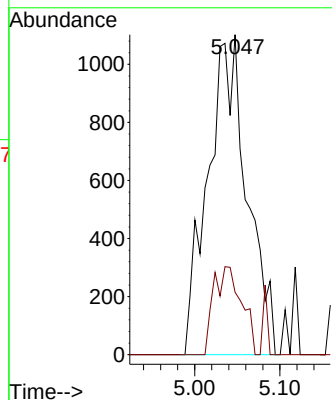
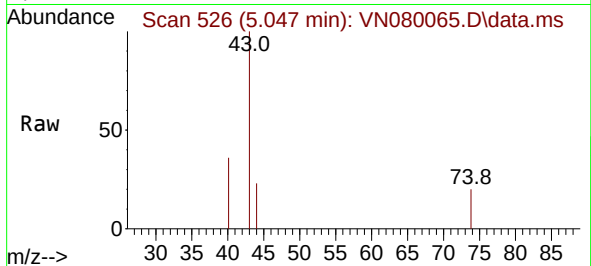




#18
Methyl Acetate
Concen: 0.687 ug/l
RT: 5.047 min Scan# 51
Delta R.T. 0.024 min
Lab File: VN080065.D
Acq: 13 Nov 2023 14:42

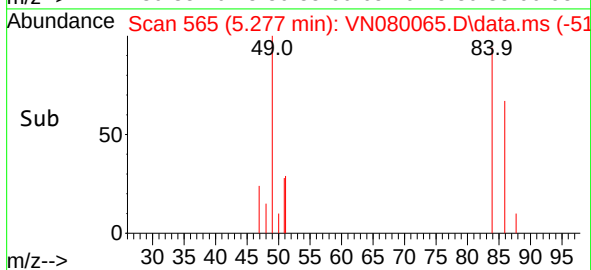
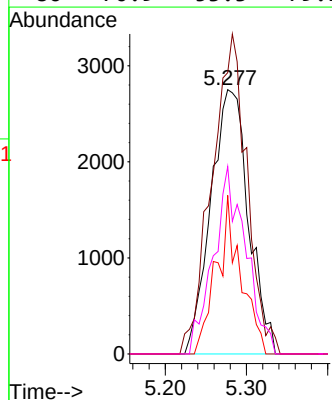
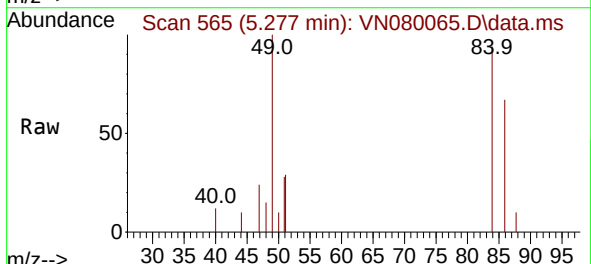
Instrument :
MSVOA_N
ClientSampleId :
PB157075ZHE#06

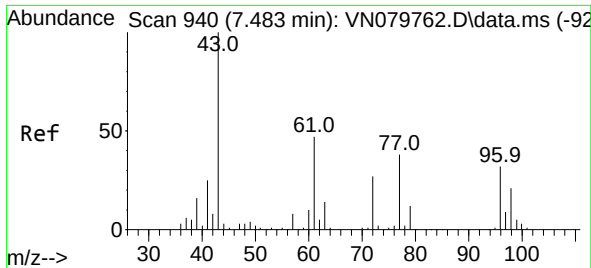
Tgt Ion: 43 Resp: 3528
Ion Ratio Lower Upper
43 100
74 19.6 26.2 39.4#



#20
Methylene Chloride
Concen: 3.288 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN080065.D
Acq: 13 Nov 2023 14:42

Tgt Ion: 84 Resp: 8901
Ion Ratio Lower Upper
84 100
49 106.4 79.7 119.5
51 60.0 25.2 37.8#
86 70.9 53.3 79.9

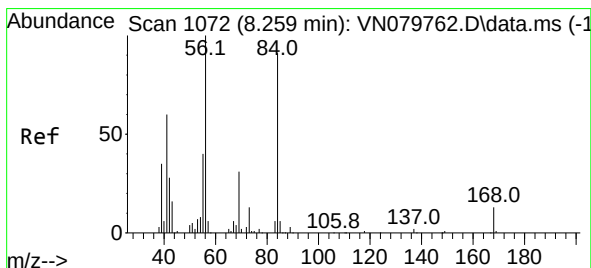
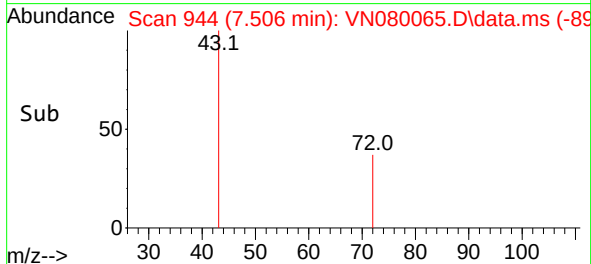
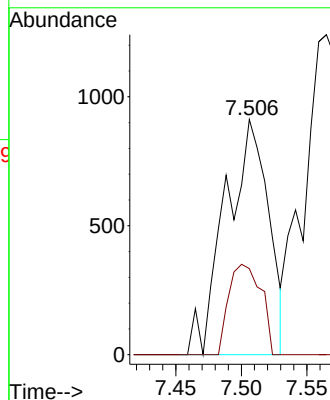
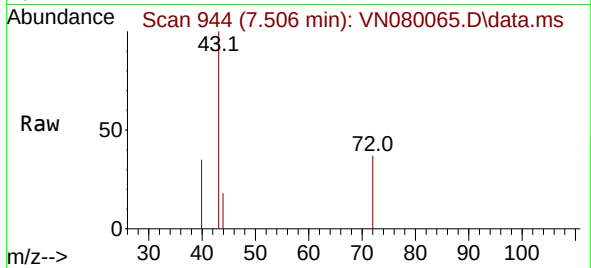




#25
2-Butanone
Concen: 1.328 ug/l
RT: 7.506 min Scan# 94
Delta R.T. 0.018 min
Lab File: VN080065.D
Acq: 13 Nov 2023 14:42

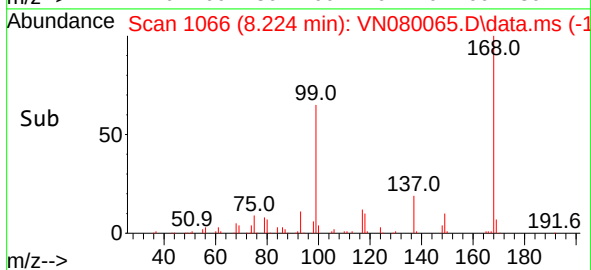
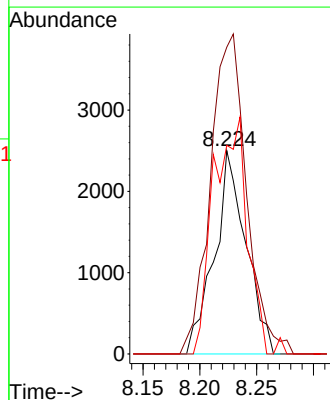
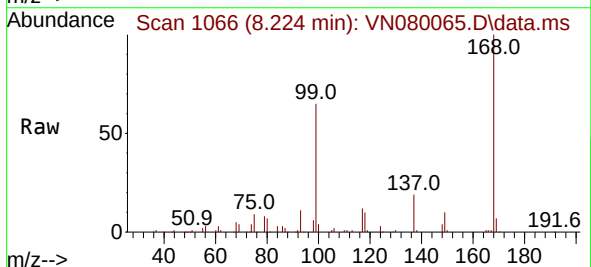
Instrument :
MSVOA_N
ClientSampleId :
PB157075ZHE#06

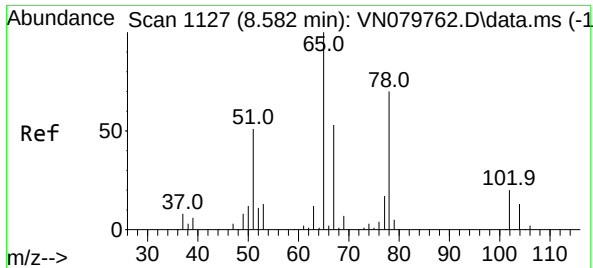
Tgt Ion: 43 Resp: 2087
Ion Ratio Lower Upper
43 100
72 36.6 30.2 45.2



#31
Cyclohexane
Concen: 1.195 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN080065.D
Acq: 13 Nov 2023 14:42

Tgt Ion: 56 Resp: 4824
Ion Ratio Lower Upper
56 100
69 150.9 26.8 40.2#
84 102.6 81.8 122.6





#33

1,2-Dichloroethane-d4

Concen: 59.097 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VN080065.D

Acq: 13 Nov 2023 14:42

Instrument :

MSVOA_N

ClientSampleId :

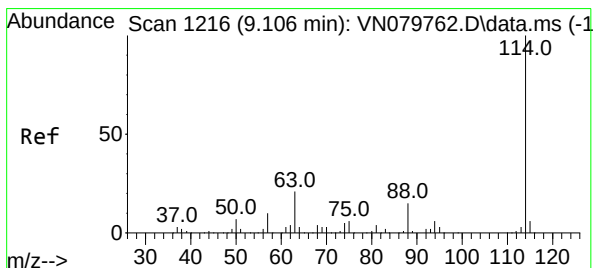
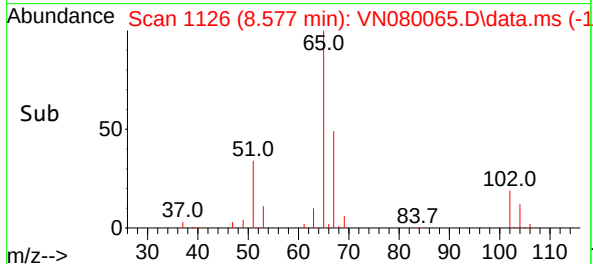
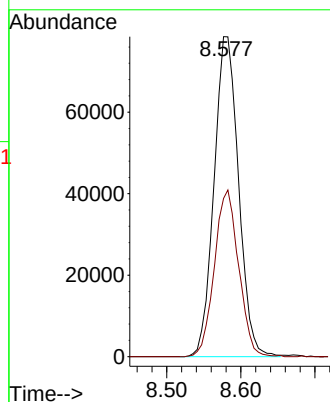
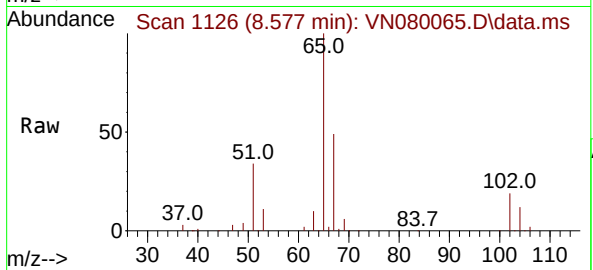
PB157075ZHE#06

Tgt Ion: 65 Resp: 180490

Ion Ratio Lower Upper

65 100

67 51.5 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN080065.D

Acq: 13 Nov 2023 14:42

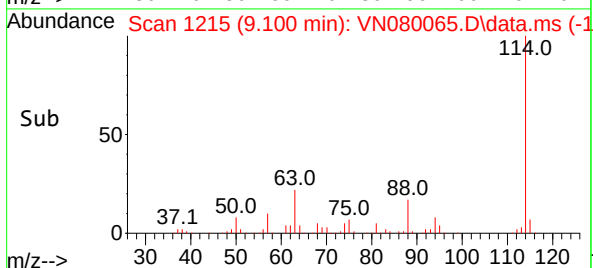
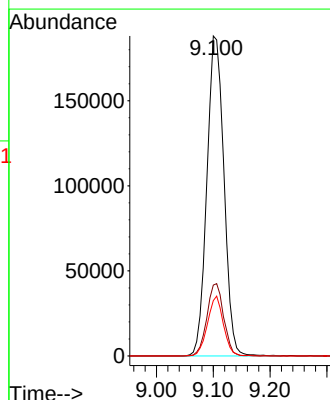
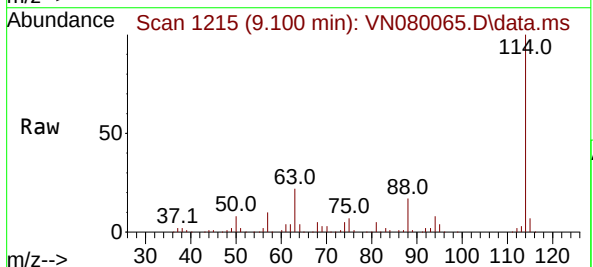
Tgt Ion: 114 Resp: 391453

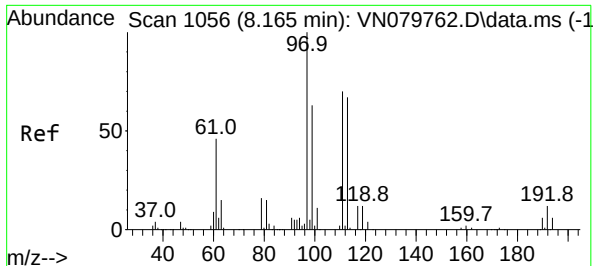
Ion Ratio Lower Upper

114 100

63 22.2 0.0 36.4

88 17.3 0.0 30.6





#35

Dibromofluoromethane

Concen: 53.944 ug/l

RT: 8.171 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN080065.D

Acq: 13 Nov 2023 14:42

Instrument :

MSVOA_N

ClientSampleId :

PB157075ZHE#06

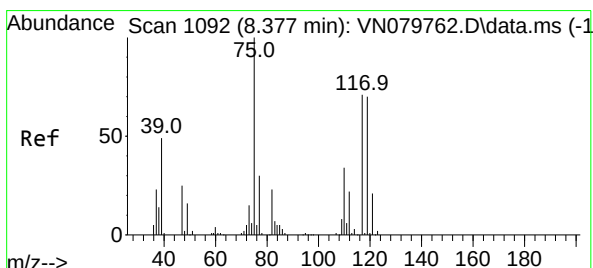
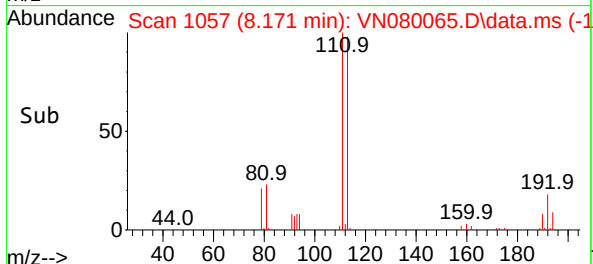
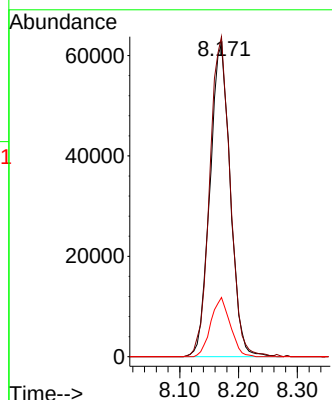
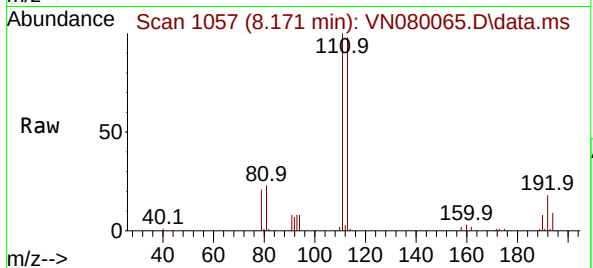
Tgt Ion:113 Resp: 149455

Ion Ratio Lower Upper

113 100

111 102.8 82.6 123.8

192 18.0 12.7 19.1



#36

1,1-Dichloropropene

Concen: 4.410 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.153 min

Lab File: VN080065.D

Acq: 13 Nov 2023 14:42

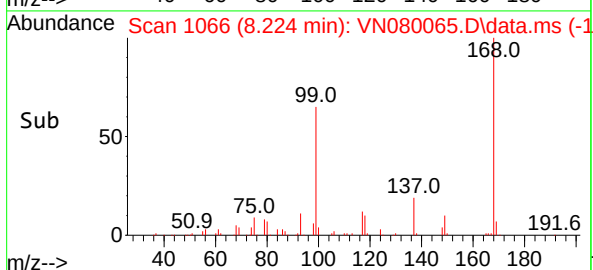
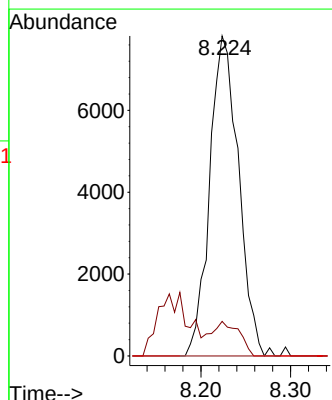
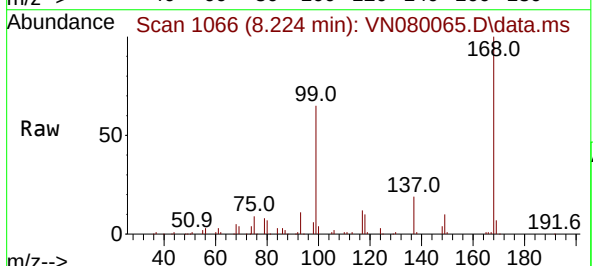
Tgt Ion: 75 Resp: 17446

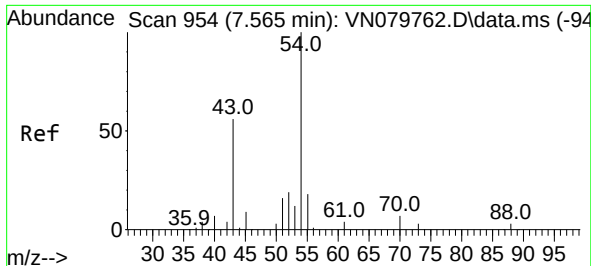
Ion Ratio Lower Upper

75 100

110 9.6 19.1 57.3#

77 0.0 25.0 37.4#





#37

Ethyl Acetate

Concen: 0.976 ug/l

RT: 7.565 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN080065.D

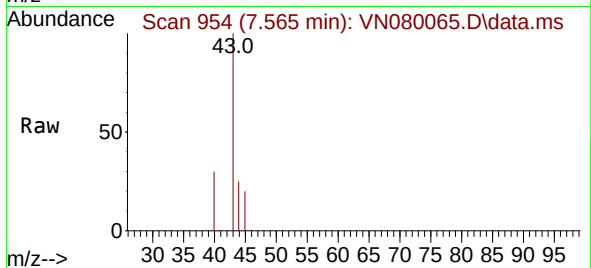
Acq: 13 Nov 2023 14:42

Instrument :

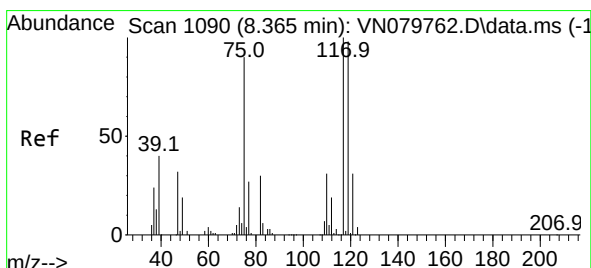
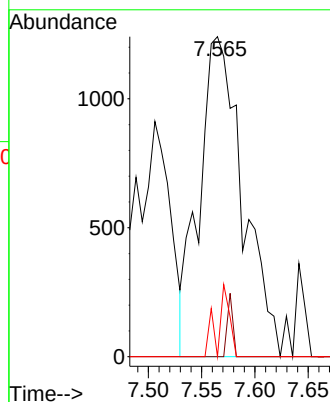
MSVOA_N

ClientSampleId :

PB157075ZHE#06



Tgt Ion:	43	Resp:	3541
Ion	Ratio	Lower	Upper
43	100		
61	2.5	13.2	19.8#
70	6.2	11.3	16.9#



#38

Carbon Tetrachloride

Concen: 5.620 ug/l

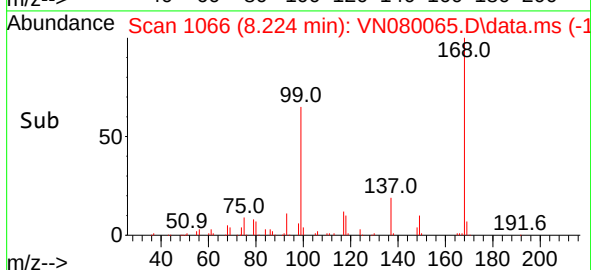
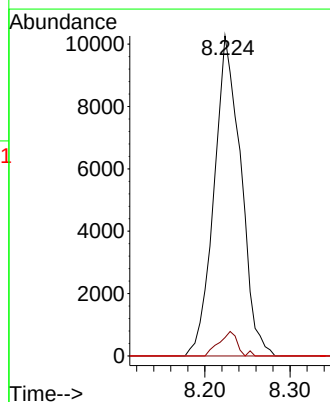
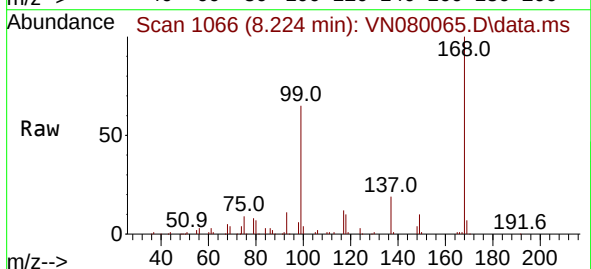
RT: 8.224 min Scan# 1066

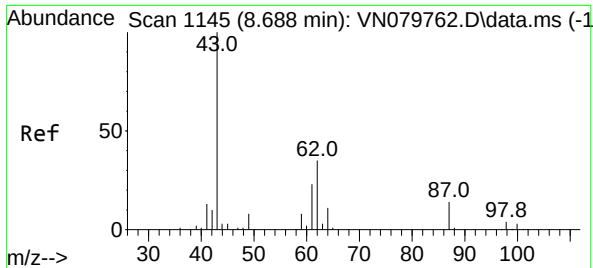
Delta R.T. -0.135 min

Lab File: VN080065.D

Acq: 13 Nov 2023 14:42

Tgt Ion:	117	Resp:	22406
Ion	Ratio	Lower	Upper
117	100		
119	5.8	77.3	115.9#
121	0.0	23.3	34.9#

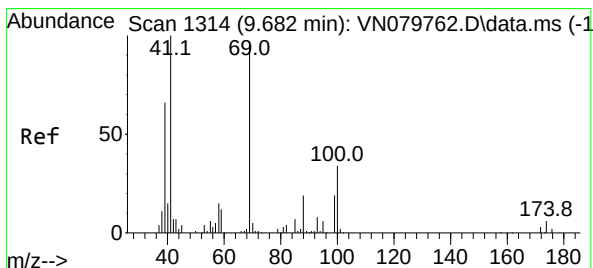
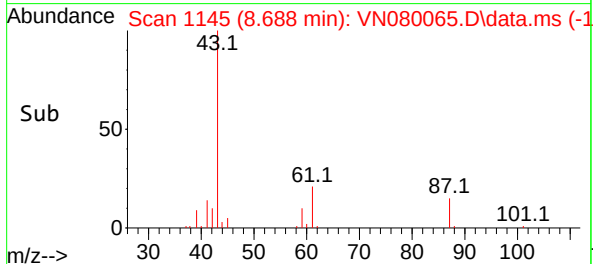
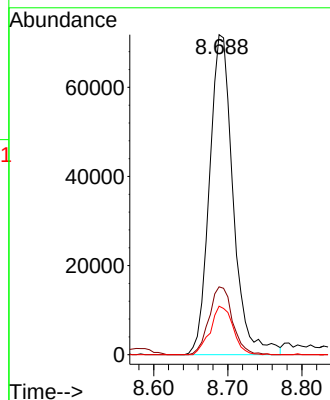
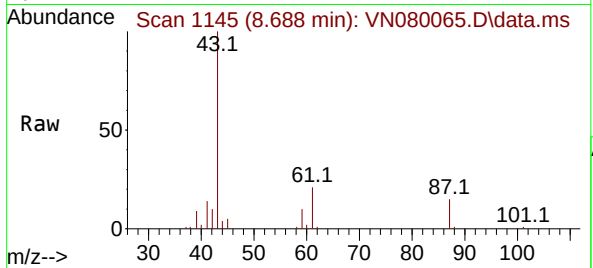




#43
Isopropyl Acetate
Concen: 25.040 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN080065.D
Acq: 13 Nov 2023 14:42

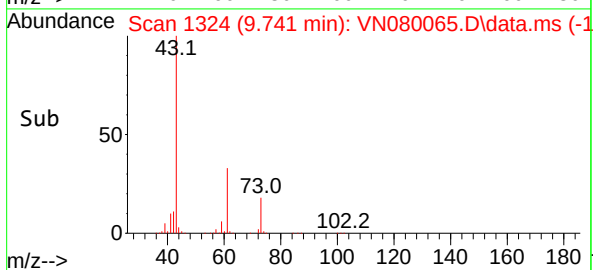
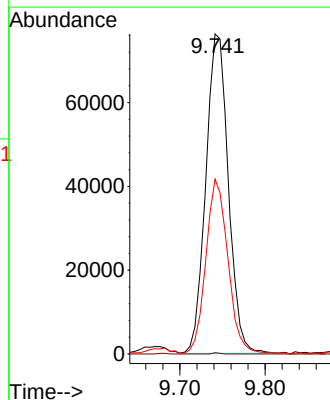
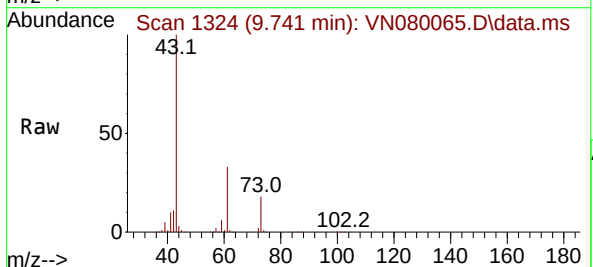
Instrument :
MSVOA_N
ClientSampleId :
PB157075ZHE#06

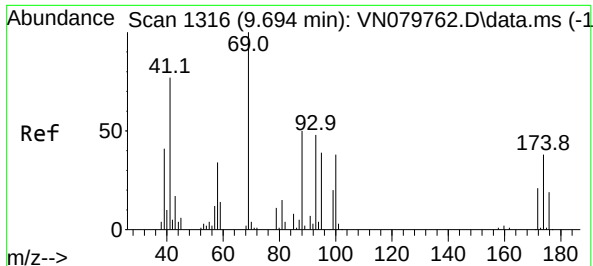
Tgt Ion: 43 Resp: 159317
Ion Ratio Lower Upper
43 100
61 21.0 24.7 37.1#
87 14.6 14.6 21.8



#48
Methyl methacrylate
Concen: 50.301 ug/l
RT: 9.741 min Scan# 1324
Delta R.T. 0.059 min
Lab File: VN080065.D
Acq: 13 Nov 2023 14:42

Tgt Ion: 41 Resp: 140181
Ion Ratio Lower Upper
41 100
69 0.1 90.4 135.6#
39 53.9 54.6 81.8#





#49

1,4-Dioxane

Concen: 1.543 ug/l

RT: 9.735 min Scan# 11

Delta R.T. 0.041 min

Lab File: VN080065.D

Acq: 13 Nov 2023 14:42

Instrument :

MSVOA_N

ClientSampleId :

PB157075ZHE#06

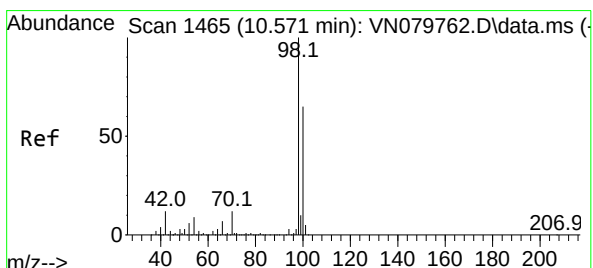
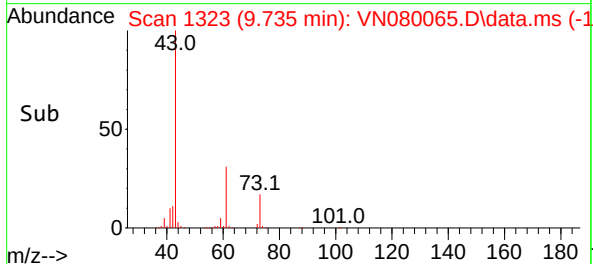
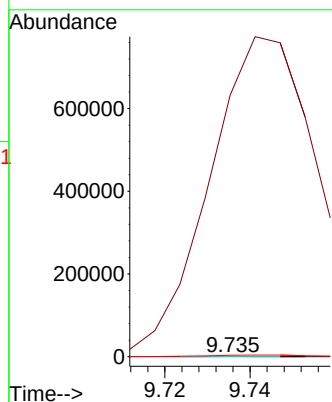
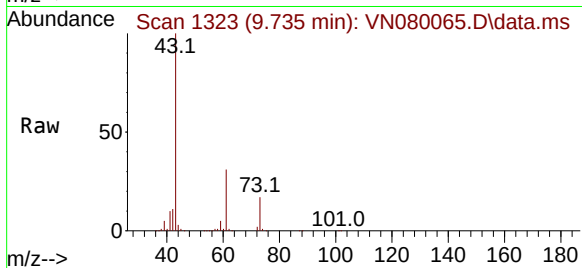
Tgt Ion: 88 Resp: 76

Ion Ratio Lower Upper

88 100

43 1867607.9 17.0 25.6#

58 9421.1 47.0 70.4#



#50

Toluene-d8

Concen: 55.598 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN080065.D

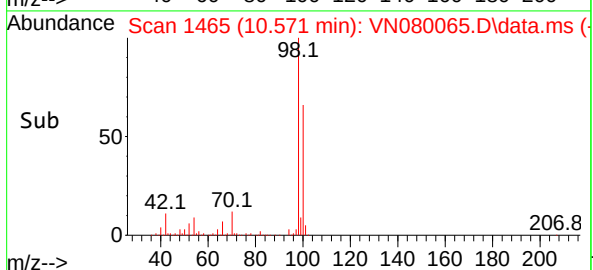
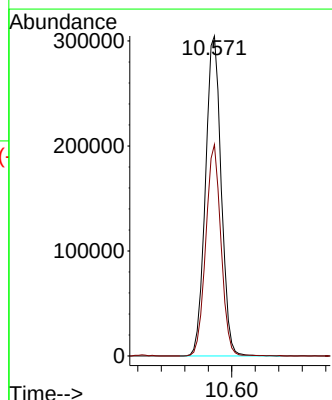
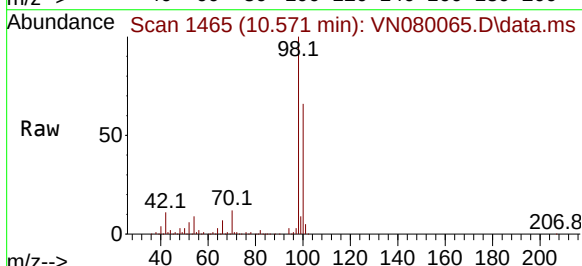
Acq: 13 Nov 2023 14:42

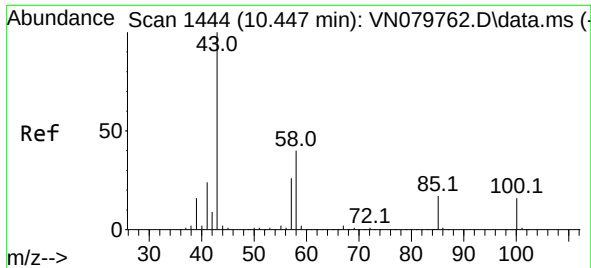
Tgt Ion: 98 Resp: 567069

Ion Ratio Lower Upper

98 100

100 63.8 52.0 78.0

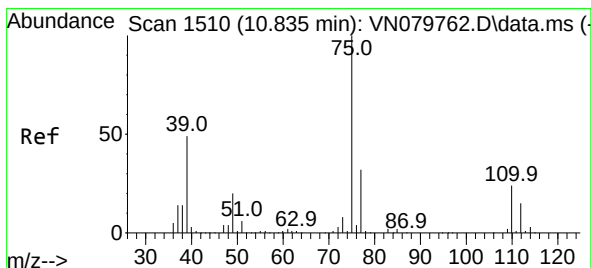
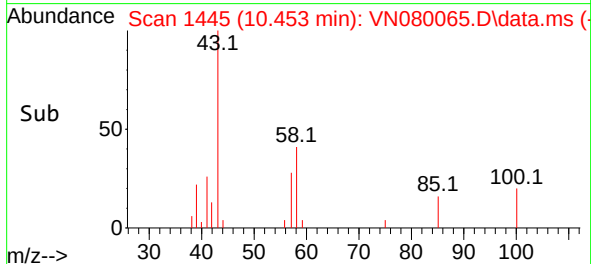
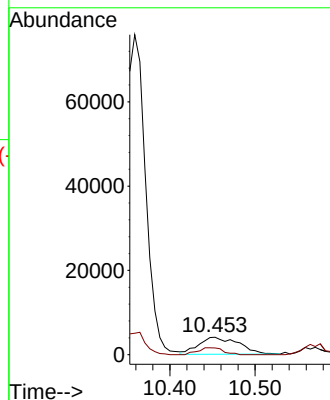
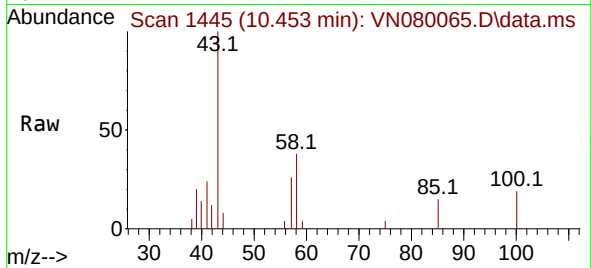




#51
4-Methyl-2-Pentanone
Concen: 3.681 ug/l
RT: 10.453 min Scan# 1444
Delta R.T. 0.006 min
Lab File: VN080065.D
Acq: 13 Nov 2023 14:42

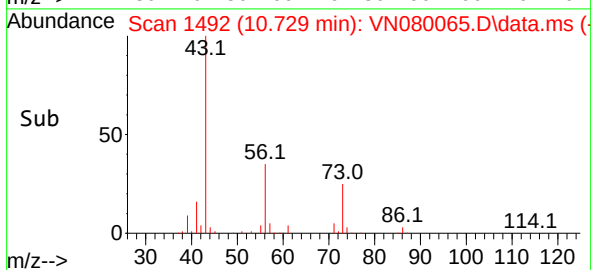
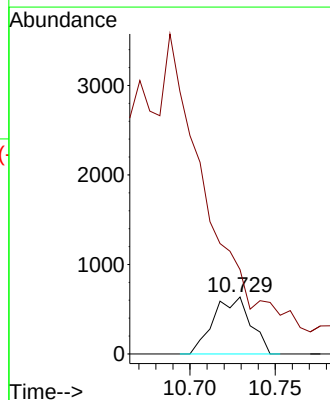
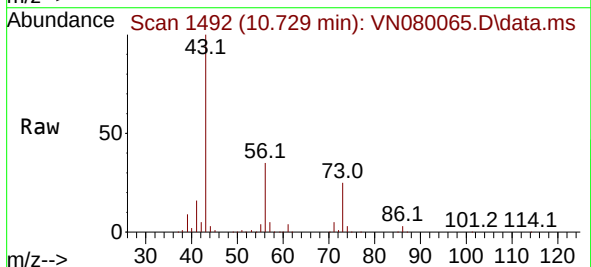
Instrument :
MSVOA_N
ClientSampleId :
PB157075ZHE#06

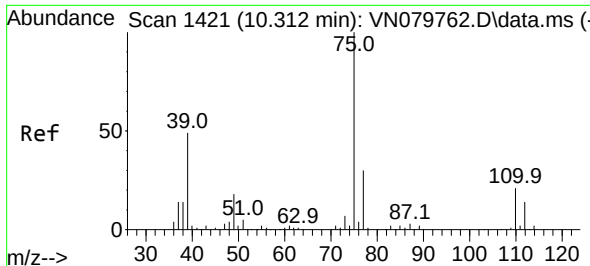
Tgt Ion: 43 Resp: 13186
Ion Ratio Lower Upper
43 100
58 25.8 36.6 54.8#



#53
t-1,3-Dichloropropene
Concen: 0.223 ug/l
RT: 10.729 min Scan# 1492
Delta R.T. -0.112 min
Lab File: VN080065.D
Acq: 13 Nov 2023 14:42

Tgt Ion: 75 Resp: 966
Ion Ratio Lower Upper
75 100
77 80.1 25.4 38.0#

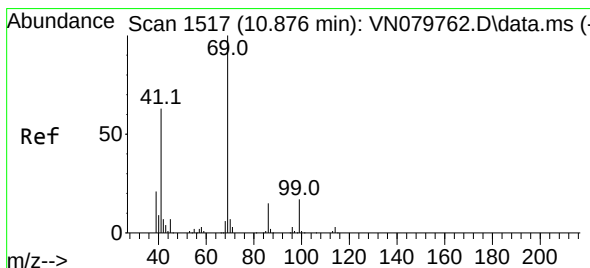
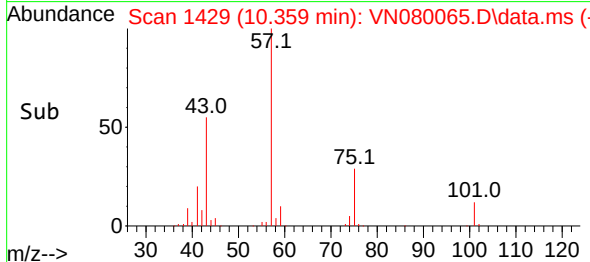
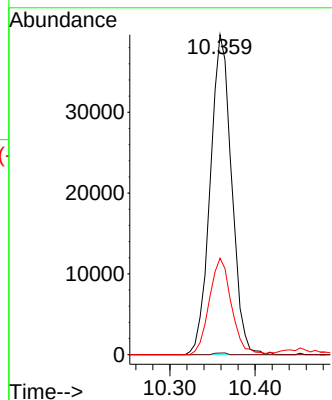
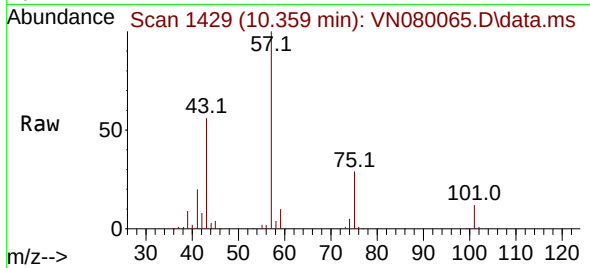




#54
 cis-1,3-Dichloropropene
 Concen: 14.647 ug/l
 RT: 10.359 min Scan# 1429
 Delta R.T. 0.041 min
 Lab File: VN080065.D
 Acq: 13 Nov 2023 14:42

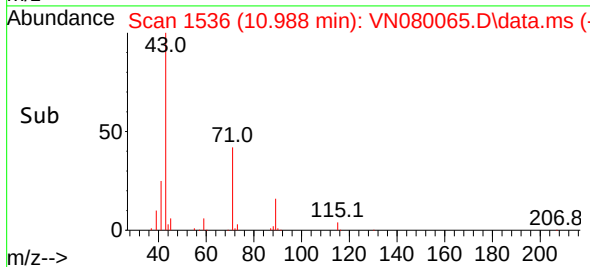
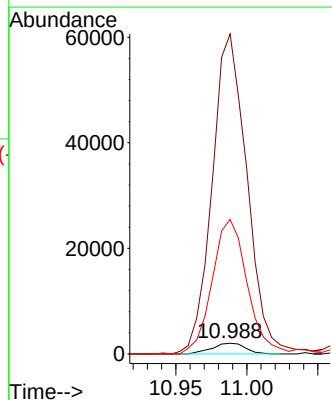
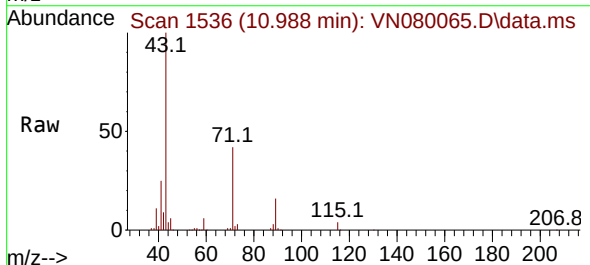
Instrument :
 MSVOA_N
 ClientSampleId :
 PB157075ZHE#06

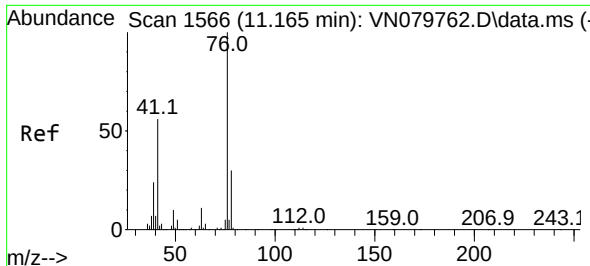
Tgt Ion: 75 Resp: 69011
 Ion Ratio Lower Upper
 75 100
 77 0.5 26.1 39.1#
 39 30.2 31.6 47.4#



#56
 Ethyl methacrylate
 Concen: 0.830 ug/l
 RT: 10.988 min Scan# 1536
 Delta R.T. 0.112 min
 Lab File: VN080065.D
 Acq: 13 Nov 2023 14:42

Tgt Ion: 69 Resp: 3344
 Ion Ratio Lower Upper
 69 100
 41 3105.6 39.6 59.4#
 39 1331.9 28.6 43.0#

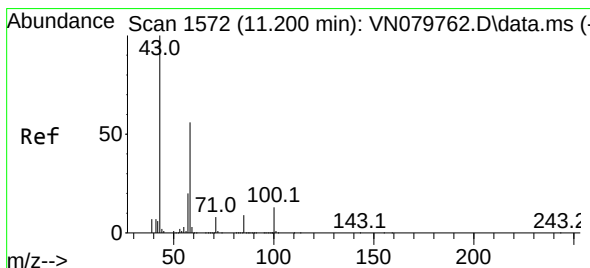
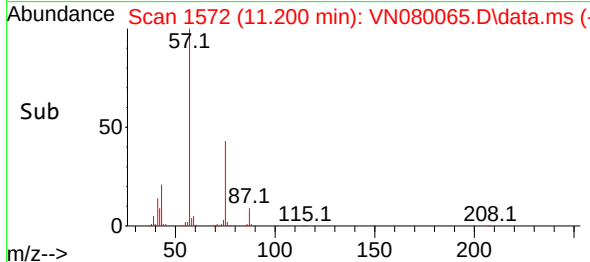
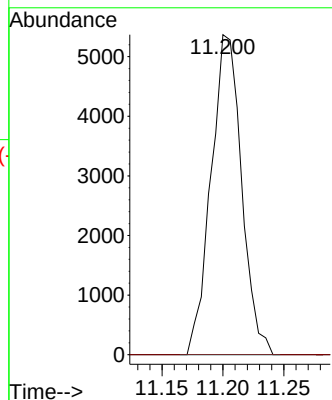
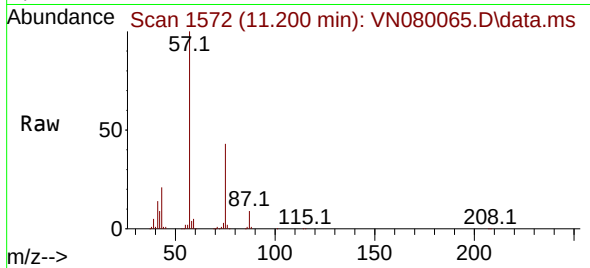




#57
1,3-Dichloropropane
Concen: 1.883 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.035 min
Lab File: VN080065.D
Acq: 13 Nov 2023 14:42

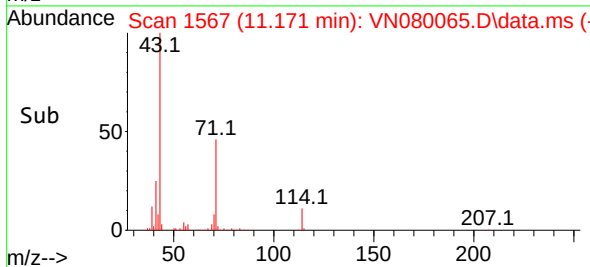
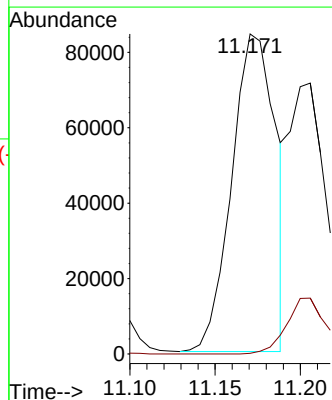
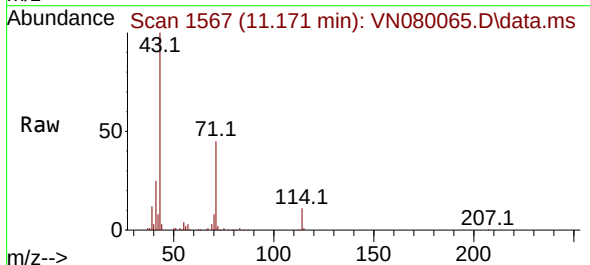
Instrument :
MSVOA_N
ClientSampleId :
PB157075ZHE#06

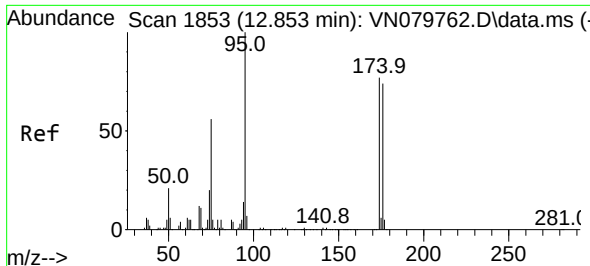
Tgt Ion: 76 Resp: 9378
Ion Ratio Lower Upper
76 100
78 0.0 26.1 39.1#



#59
2-Hexanone
Concen: 55.130 ug/l
RT: 11.171 min Scan# 1567
Delta R.T. -0.029 min
Lab File: VN080065.D
Acq: 13 Nov 2023 14:42

Tgt Ion: 43 Resp: 151068
Ion Ratio Lower Upper
43 100
58 0.0 31.7 95.1#

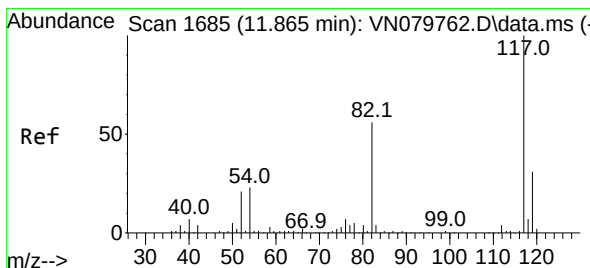
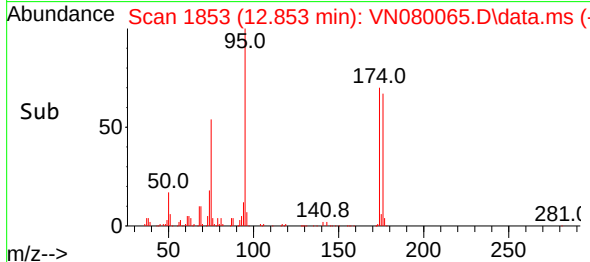
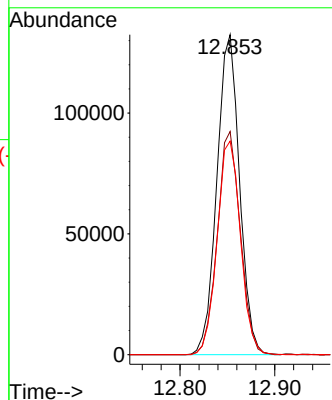
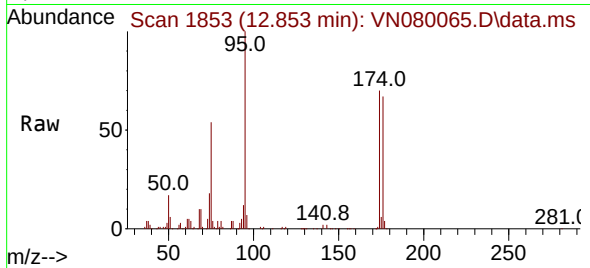




#62
4-Bromofluorobenzene
Concen: 65.183 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN080065.D
Acq: 13 Nov 2023 14:42

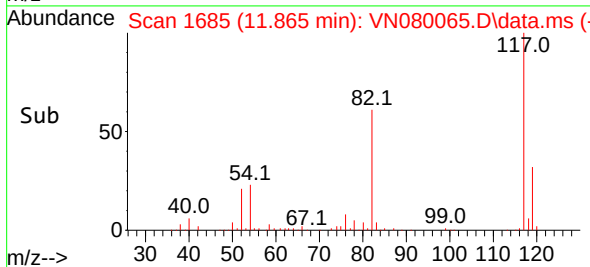
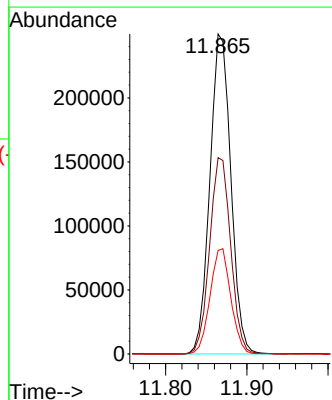
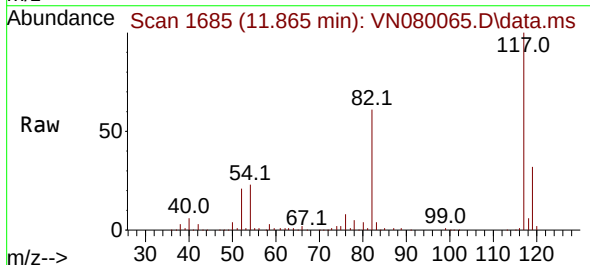
Instrument :
MSVOA_N
ClientSampleId :
PB157075ZHE#06

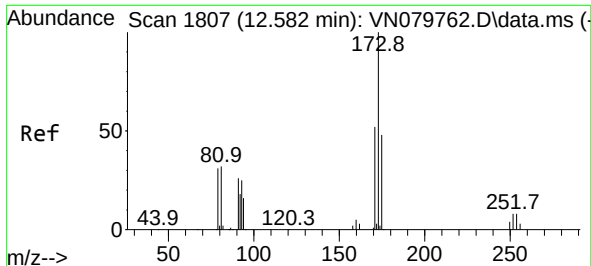
Tgt Ion: 95 Resp: 220489
Ion Ratio Lower Upper
95 100
174 70.8 0.0 143.8
176 68.7 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VN080065.D
Acq: 13 Nov 2023 14:42

Tgt Ion: 117 Resp: 448507
Ion Ratio Lower Upper
117 100
82 61.4 44.0 66.0
119 32.3 25.6 38.4

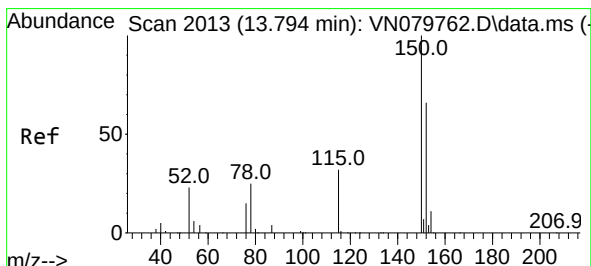
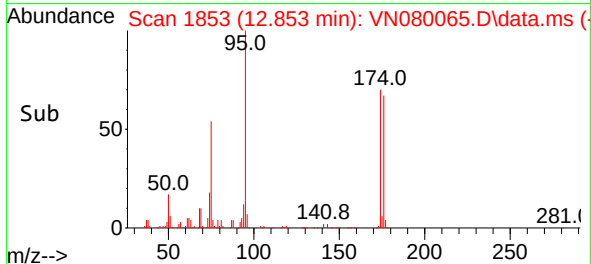
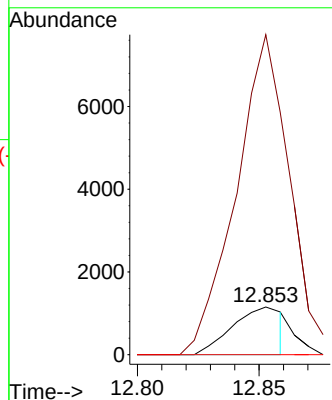
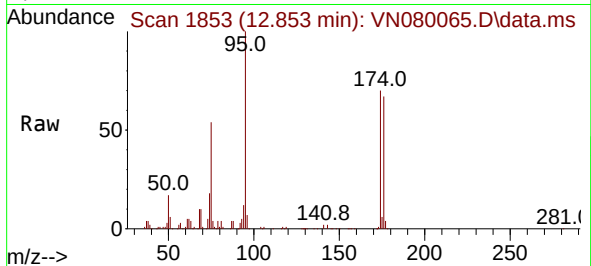




#71
Bromoform
Concen: 0.664 ug/l
RT: 12.853 min Scan# 1807
Delta R.T. 0.271 min
Lab File: VN080065.D
Acq: 13 Nov 2023 14:42

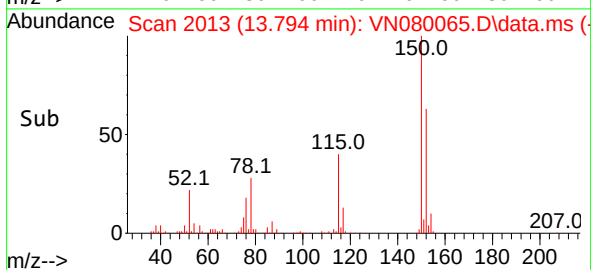
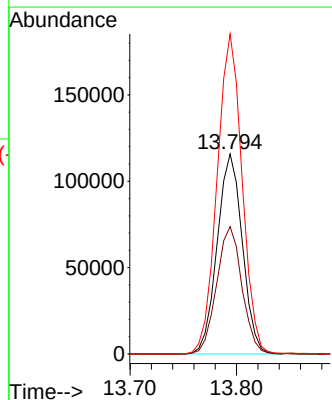
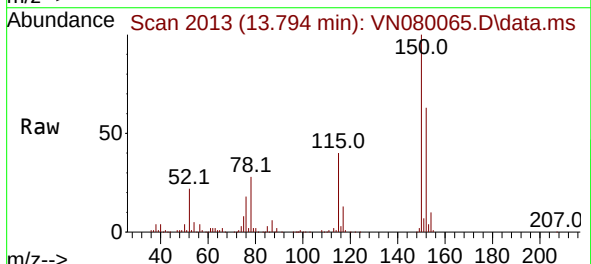
Instrument :
MSVOA_N
ClientSampleId :
PB157075ZHE#06

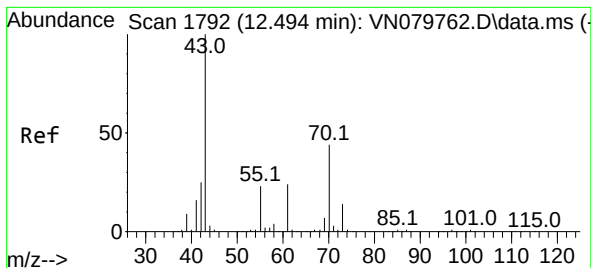
Tgt Ion:173 Resp: 1652
Ion Ratio Lower Upper
173 100
175 599.4 24.3 73.0#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN080065.D
Acq: 13 Nov 2023 14:42

Tgt Ion:152 Resp: 189565
Ion Ratio Lower Upper
152 100
115 63.9 32.3 96.8
150 159.2 0.0 355.8





#74

N-amy1 acetate

Concen: 0.322 ug/l

RT: 12.482 min Scan# 1

Delta R.T. -0.012 min

Lab File: VN080065.D

Acq: 13 Nov 2023 14:42

Instrument :

MSVOA_N

ClientSampleId :

PB157075ZHE#06

Tgt Ion: 43 Resp: 2023

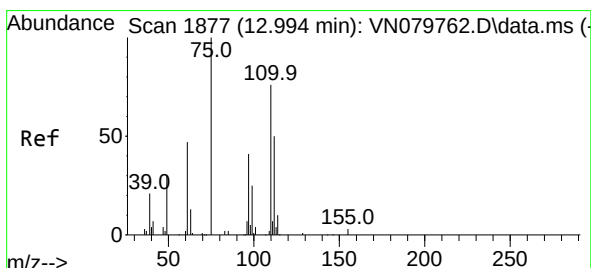
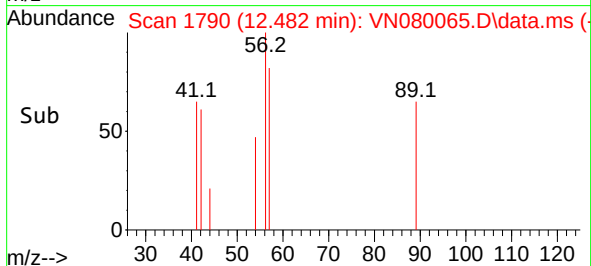
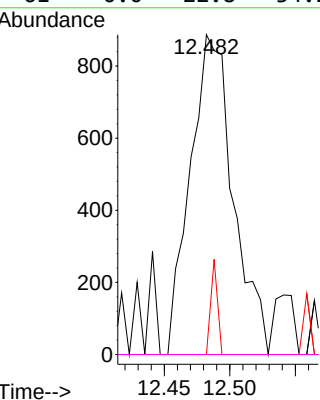
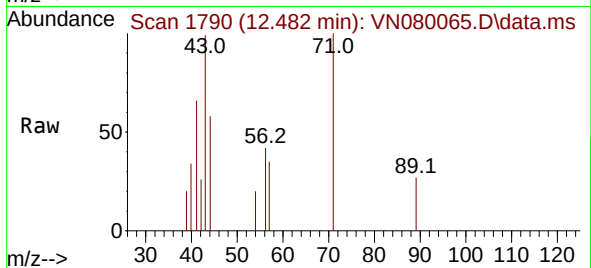
Ion Ratio Lower Upper

43 100

70 0.0 43.4 65.2#

55 4.6 21.4 32.0#

61 0.0 22.8 34.2#



#76

1,2,3-Trichloropropane

Concen: 26.664 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN080065.D

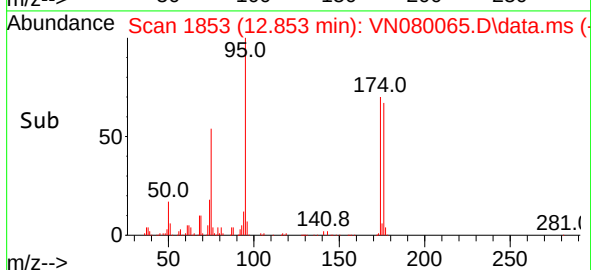
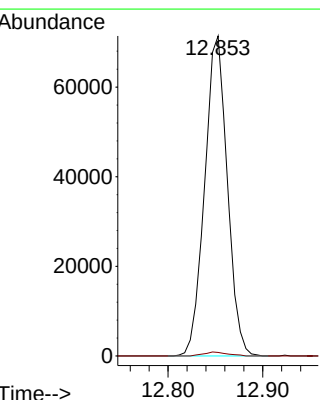
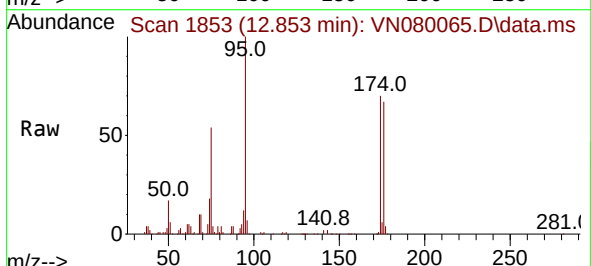
Acq: 13 Nov 2023 14:42

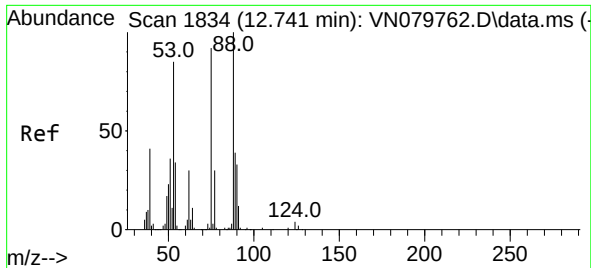
Tgt Ion: 75 Resp: 118667

Ion Ratio Lower Upper

75 100

77 1.3 84.5 253.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 72.547 ug/l
 RT: 12.853 min Scan# 118667
 Delta R.T. 0.118 min
 Lab File: VN080065.D
 Acq: 13 Nov 2023 14:42

Instrument :
 MSVOA_N
 ClientSampleId :
 PB157075ZHE#06

Tgt Ion: 75 Resp: 118667
 Ion Ratio Lower Upper
 75 100
 53 0.2 67.4 101.2#
 89 0.0 38.8 58.2#

