

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101122\
 Data File : VN074857.D
 Acq On : 11 Oct 2022 19:26
 Operator : JC\MD
 Sample : PB148255ZHE#06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB148255ZHE#06

Quant Time: Oct 12 03:57:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100522W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 05:37:50 2022
 Response via : Initial Calibration

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

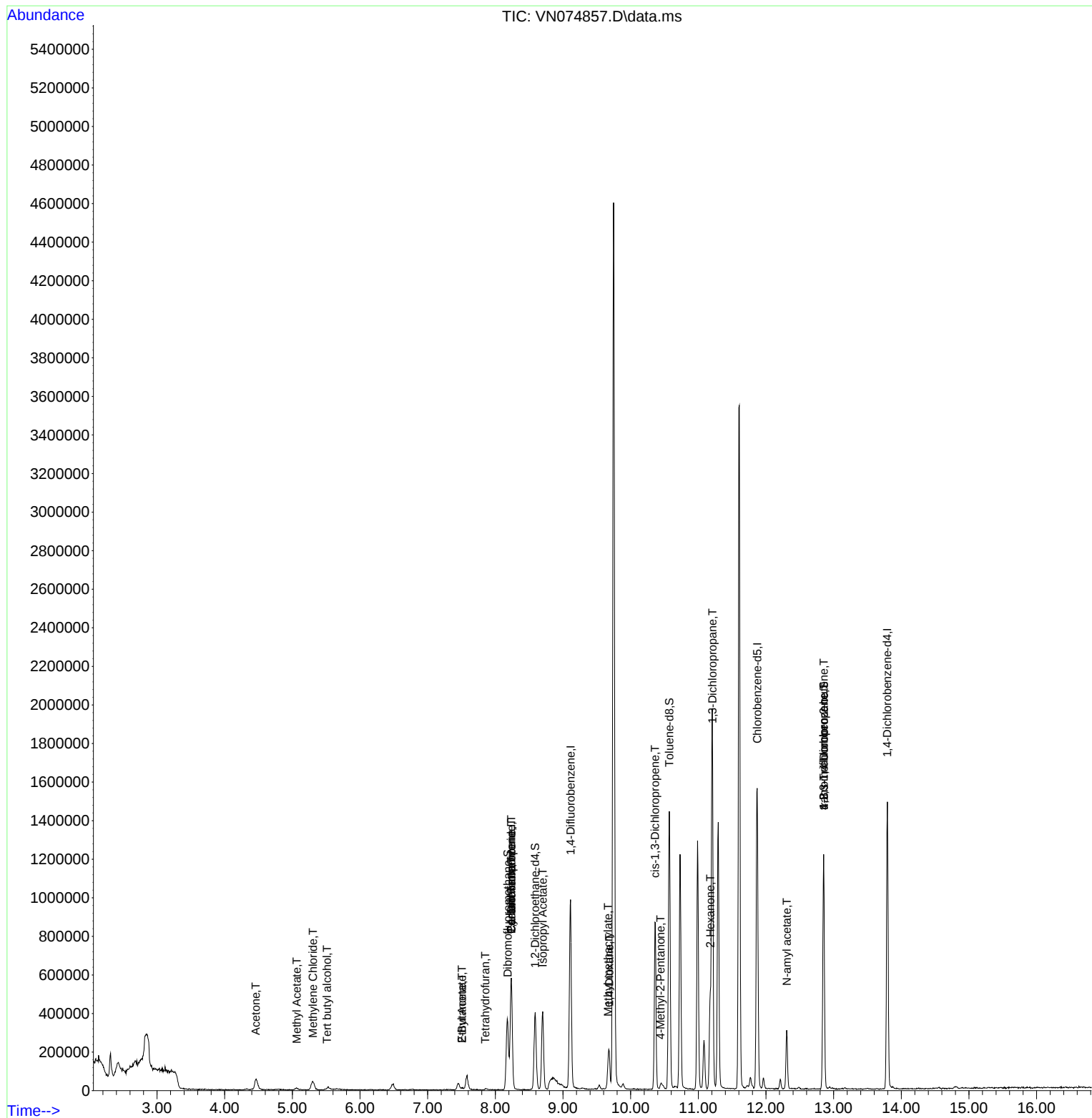
Internal Standards						
1) Pentafluorobenzene	8.235	168	418070	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	816217	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	870803	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	369123	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	291069	29.384	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	58.760%#	
35) Dibromofluoromethane	8.183	113	261967	31.766	ug/l	0.01
Spiked Amount	50.000	Range 75 - 124	Recovery	=	63.540%#	
50) Toluene-d8	10.571	98	975573	27.570	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	55.140%#	
62) 4-Bromofluorobenzene	12.853	95	364124	33.851	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	67.700%#	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.512	59	4526	1.364	ug/l #	74
13) Acrolein	4.218	56	92	Below Cal	#	1
16) Acetone	4.459	43	110671	19.715	ug/l	97
18) Methyl Acetate	5.065	43	22434	1.079	ug/l #	52
20) Methylene Chloride	5.306	84	32277	1.459	ug/l #	69
25) 2-Butanone	7.506	43	13695	1.344	ug/l #	75
29) Tetrahydrofuran	7.853	42	5290	0.745	ug/l #	72
31) Cyclohexane	8.235	56	14121	0.825	ug/l #	33
36) 1,1-Dichloropropene	8.235	75	41654	3.121	ug/l #	46
37) Ethyl Acetate	7.506	43	13695	0.256	ug/l #	88
38) Carbon Tetrachloride	8.235	117	47654	3.786	ug/l #	17
43) Isopropyl Acetate	8.700	43	471832	14.261	ug/l #	90
48) Methyl methacrylate	9.665	41	14445	1.063	ug/l #	81
49) 1,4-Dioxane	9.682	88	63	0.214	ug/l #	1
51) 4-Methyl-2-Pentanone	10.441	43	40618	1.906	ug/l #	69
54) cis-1,3-Dichloropropene	10.359	75	146738	8.132	ug/l #	66
57) 1,3-Dichloropropane	11.212	76	18606	0.989	ug/l #	47
59) 2-Hexanone	11.176	43	362650	22.503	ug/l #	24
74) N-amyl acetate	12.306	43	101661	4.734	ug/l #	53
75) 1,1,2,2-Tetrachloroethane	12.923	83	170	Below Cal	#	24
76) 1,2,3-Trichloropropane	12.853	75	216297	19.632	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	216297	38.251	ug/l #	15
96) 1,2,3-Trichlorobenzene	15.829	180	158	Below Cal	#	24

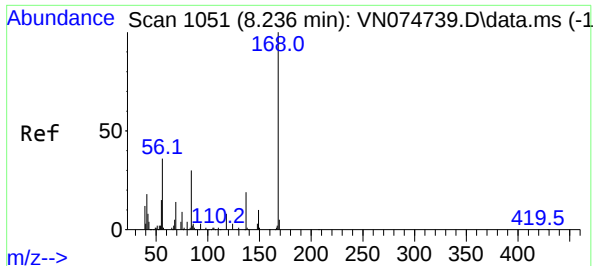
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101122\
Data File : VN074857.D
Acq On : 11 Oct 2022 19:26
Operator : JC\MD
Sample : PB148255ZHE#06
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB148255ZHE#06

Quant Time: Oct 12 03:57:51 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100522W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 06 05:37:50 2022
Response via : Initial Calibration

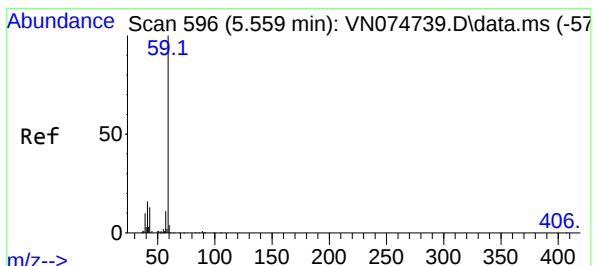
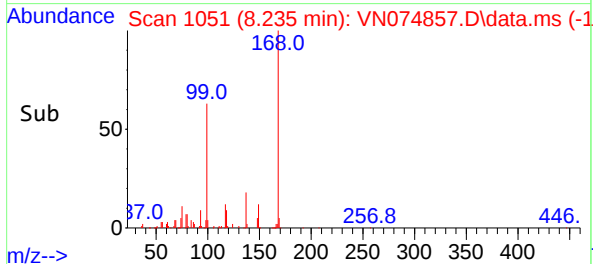
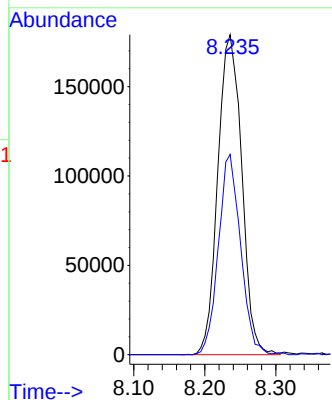
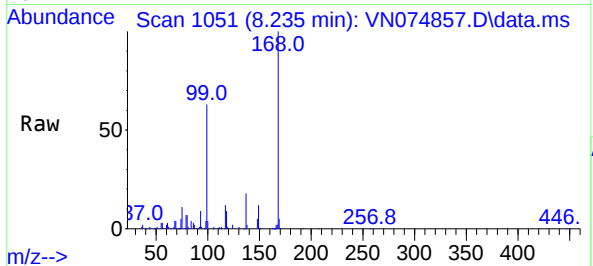




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 10
Delta R.T. -0.001 min
Lab File: VN074857.D
Acq: 11 Oct 2022 19:26

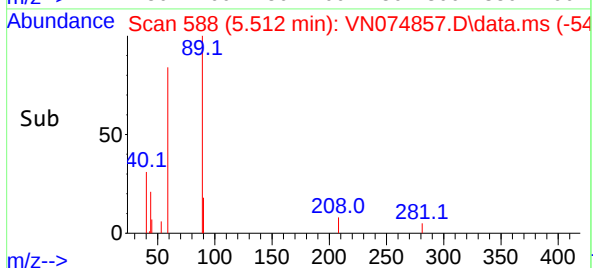
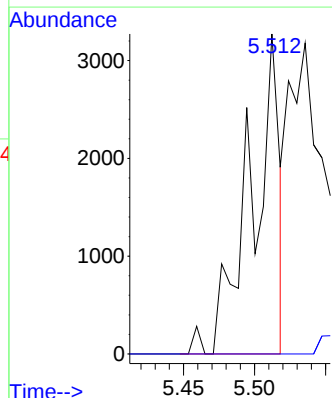
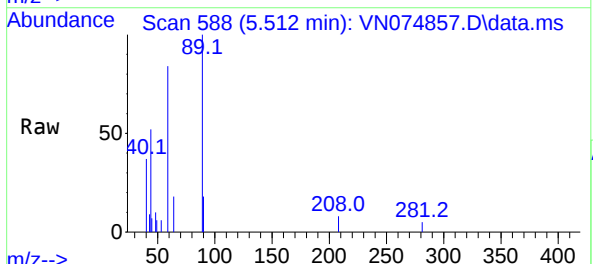
Instrument :
MSVOA_N
ClientSampleId :
PB148255ZHE#06

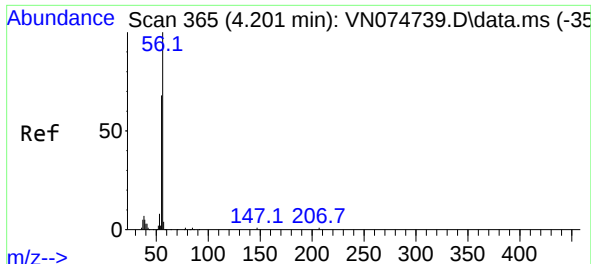
Tgt Ion:168 Resp: 418070
Ion Ratio Lower Upper
168 100
99 62.6 42.8 64.2



#11
Tert butyl alcohol
Concen: 1.364 ug/l
RT: 5.512 min Scan# 588
Delta R.T. -0.047 min
Lab File: VN074857.D
Acq: 11 Oct 2022 19:26

Tgt Ion: 59 Resp: 4526
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#

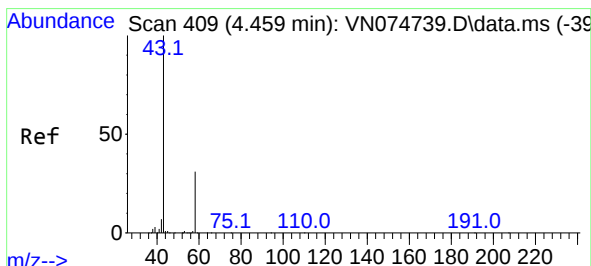
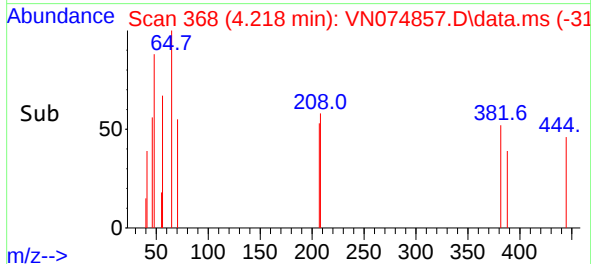
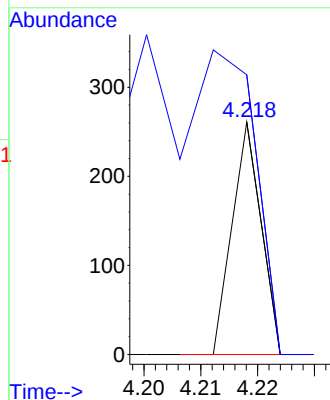
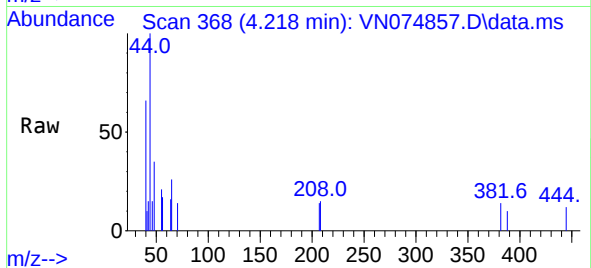




#13
Acrolein
Concen: Below Cal
RT: 4.218 min Scan# 30
Delta R.T. 0.017 min
Lab File: VN074857.D
Acq: 11 Oct 2022 19:26

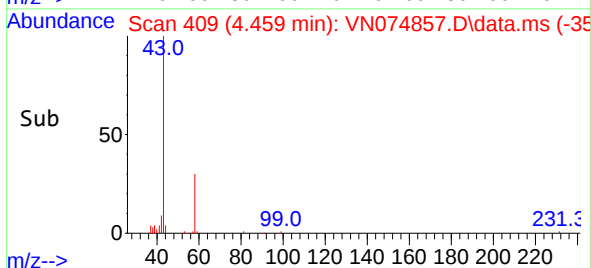
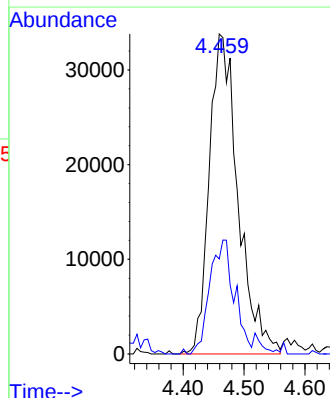
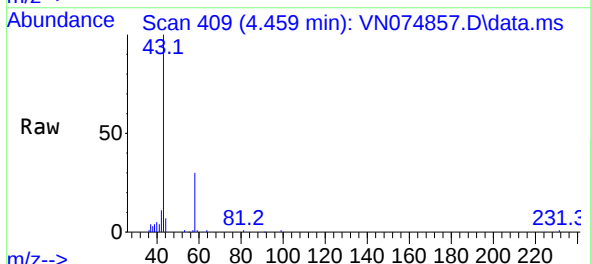
Instrument :
MSVOA_N
ClientSampleId :
PB148255ZHE#06

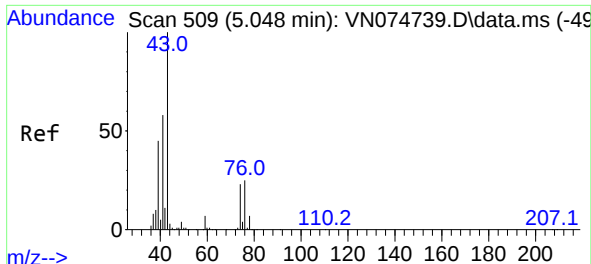
Tgt Ion: 56 Resp: 92
Ion Ratio Lower Upper
56 100
55 559.8 54.9 82.3#



#16
Acetone
Concen: 19.715 ug/l
RT: 4.459 min Scan# 409
Delta R.T. -0.000 min
Lab File: VN074857.D
Acq: 11 Oct 2022 19:26

Tgt Ion: 43 Resp: 110671
Ion Ratio Lower Upper
43 100
58 29.7 24.9 37.3

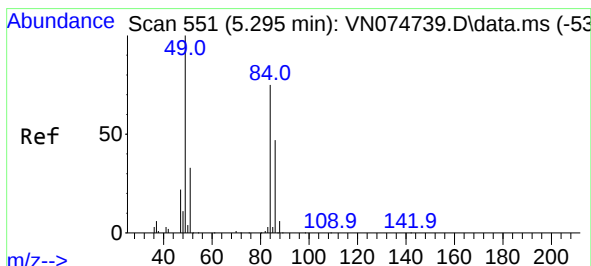
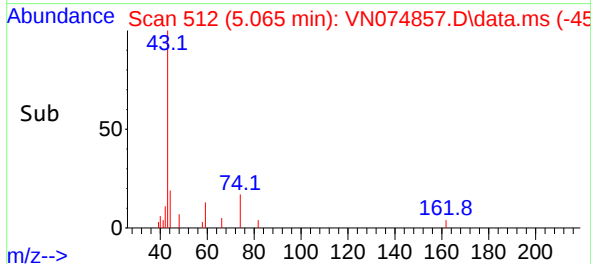
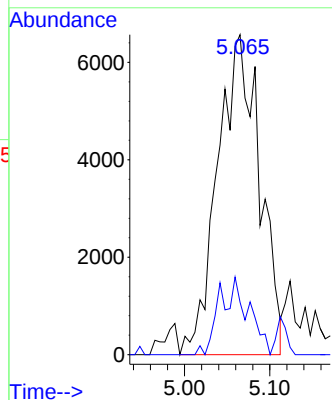
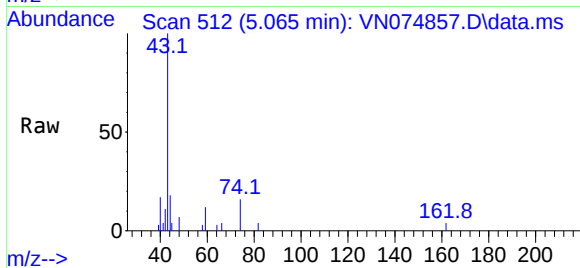




#18
Methyl Acetate
Concen: 1.079 ug/l
RT: 5.065 min Scan# 512
Delta R.T. 0.018 min
Lab File: VN074857.D
Acq: 11 Oct 2022 19:26

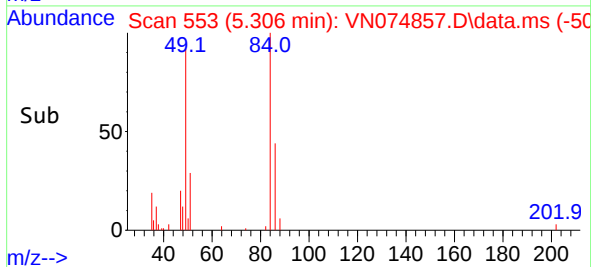
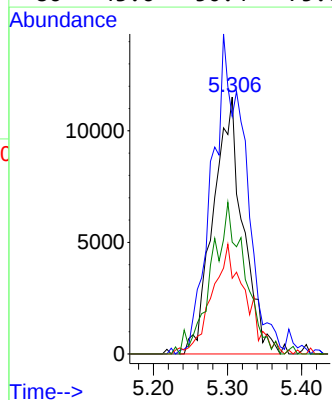
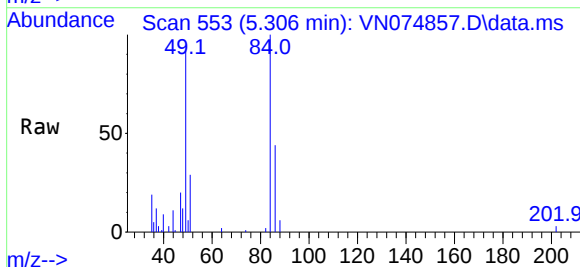
Instrument :
MSVOA_N
ClientSampleId :
PB148255ZHE#06

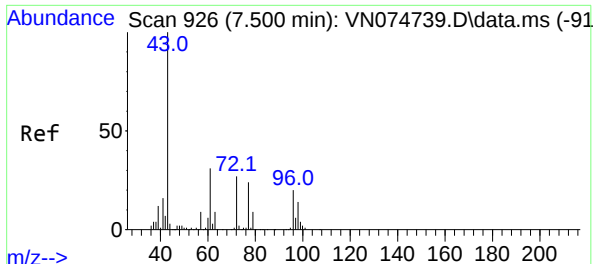
Tgt Ion: 43 Resp: 22434
Ion Ratio Lower Upper
43 100
74 0.0 18.5 27.7#



#20
Methylene Chloride
Concen: 1.459 ug/l
RT: 5.306 min Scan# 553
Delta R.T. 0.011 min
Lab File: VN074857.D
Acq: 11 Oct 2022 19:26

Tgt Ion: 84 Resp: 32277
Ion Ratio Lower Upper
84 100
49 91.1 107.4 161.0#
51 27.8 35.1 52.7#
86 43.6 50.4 75.6#

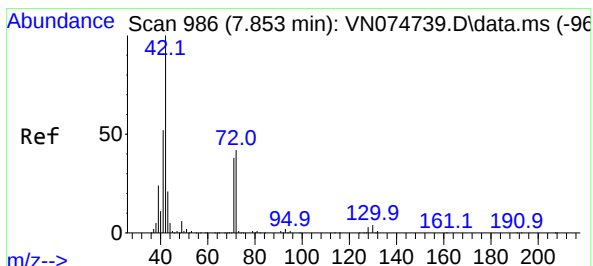
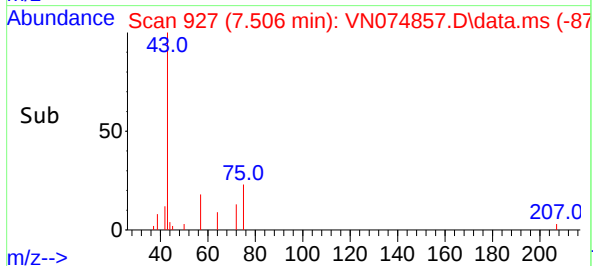
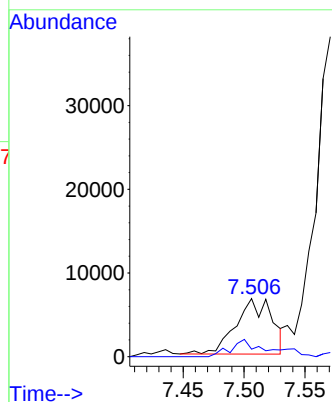
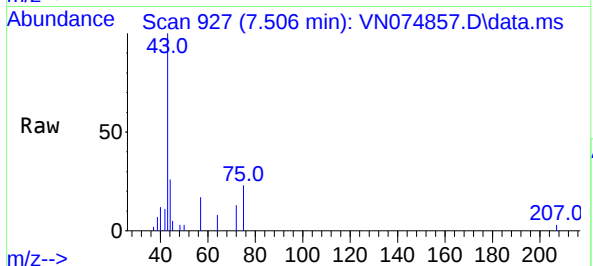




#25
2-Butanone
Concen: 1.344 ug/l
RT: 7.506 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN074857.D
Acq: 11 Oct 2022 19:26

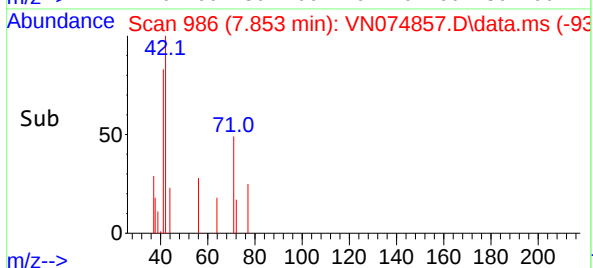
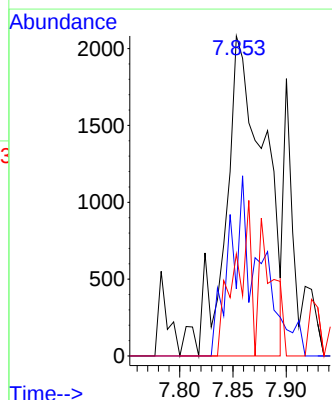
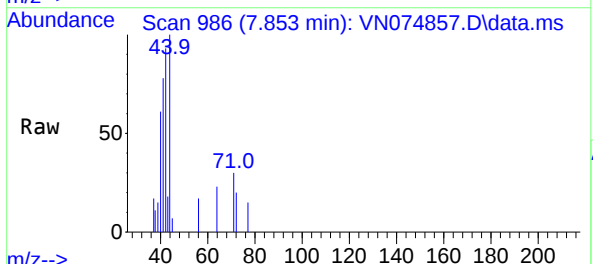
Instrument :
MSVOA_N
ClientSampleId :
PB148255ZHE#06

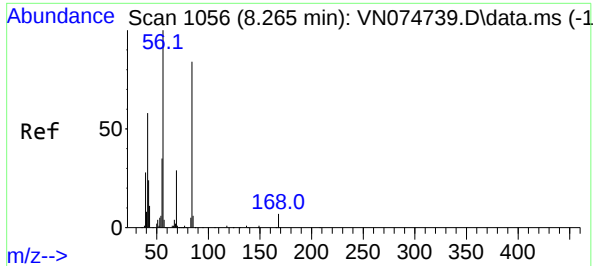
Tgt Ion: 43 Resp: 13695
Ion Ratio Lower Upper
43 100
72 13.6 21.4 32.0#



#29
Tetrahydrofuran
Concen: 0.745 ug/l
RT: 7.853 min Scan# 986
Delta R.T. -0.000 min
Lab File: VN074857.D
Acq: 11 Oct 2022 19:26

Tgt Ion: 42 Resp: 5290
Ion Ratio Lower Upper
42 100
72 32.2 33.0 49.6#
71 12.9 30.4 45.6#

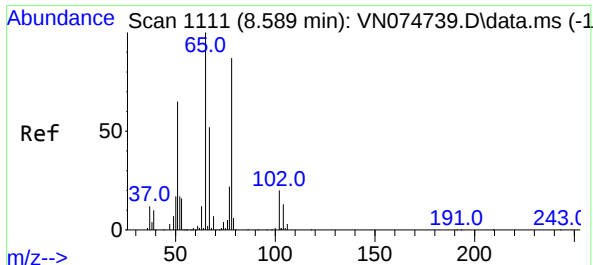
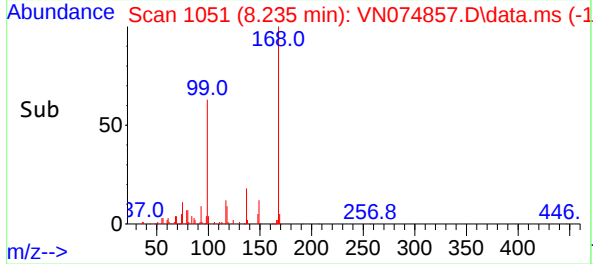
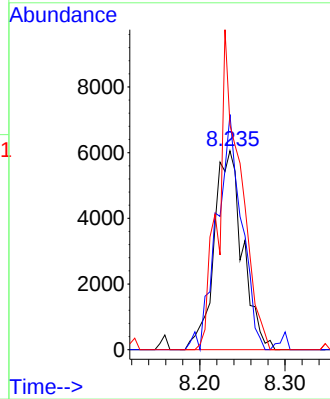
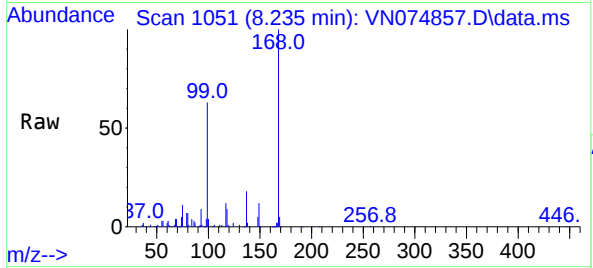




#31
Cyclohexane
Concen: 0.825 ug/l
RT: 8.235 min Scan# 1051
Delta R.T. -0.030 min
Lab File: VN074857.D
Acq: 11 Oct 2022 19:26

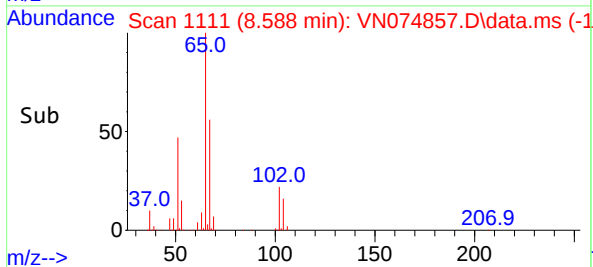
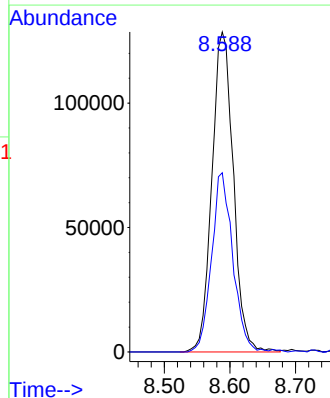
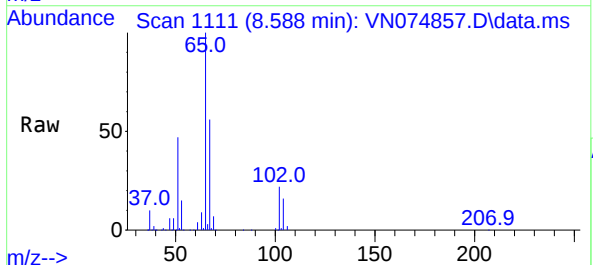
Instrument :
MSVOA_N
ClientSampleId :
PB148255ZHE#06

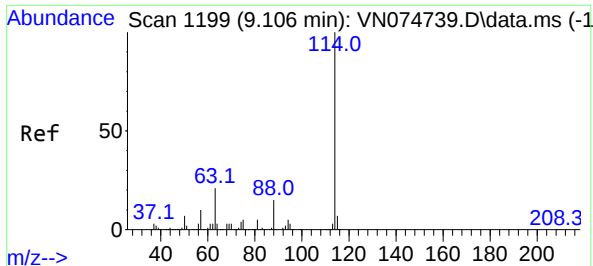
Tgt Ion: 56 Resp: 14121
Ion Ratio Lower Upper
56 100
69 118.3 23.1 34.7#
84 113.0 67.1 100.7#



#33
1,2-Dichloroethane-d4
Concen: 29.384 ug/l
RT: 8.588 min Scan# 1111
Delta R.T. -0.000 min
Lab File: VN074857.D
Acq: 11 Oct 2022 19:26

Tgt Ion: 65 Resp: 291069
Ion Ratio Lower Upper
65 100
67 55.6 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 1199

Delta R.T. 0.006 min

Lab File: VN074857.D

Acq: 11 Oct 2022 19:26

Instrument :

MSVOA_N

ClientSampleId :

PB148255ZHE#06

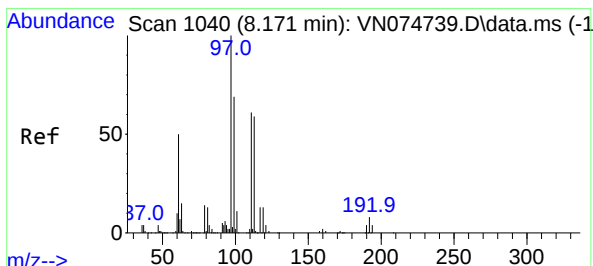
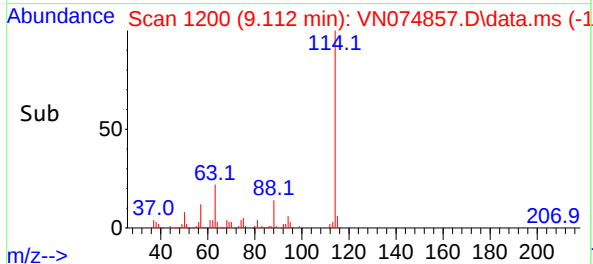
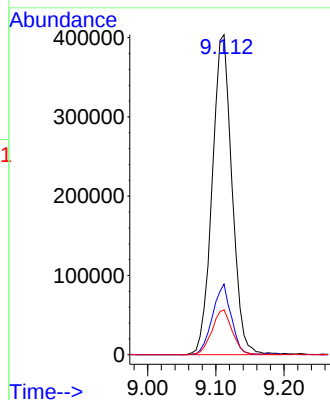
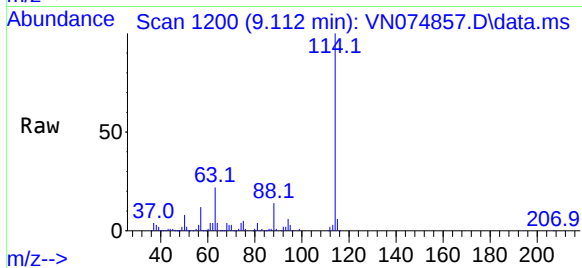
Tgt Ion:114 Resp: 816217

Ion Ratio Lower Upper

114 100

63 22.1 0.0 41.2

88 14.0 0.0 30.2



#35

Dibromofluoromethane

Concen: 31.766 ug/l

RT: 8.183 min Scan# 1042

Delta R.T. 0.012 min

Lab File: VN074857.D

Acq: 11 Oct 2022 19:26

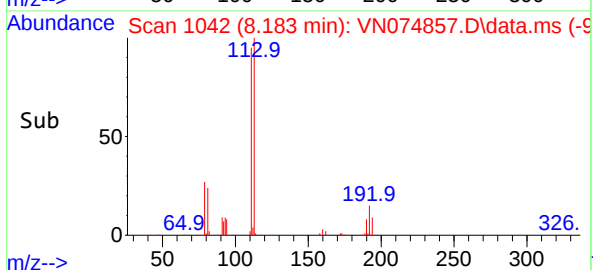
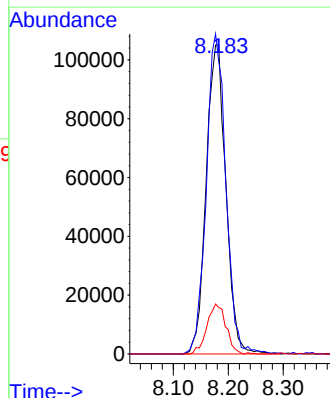
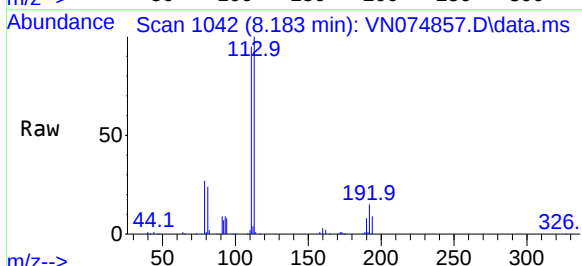
Tgt Ion:113 Resp: 261967

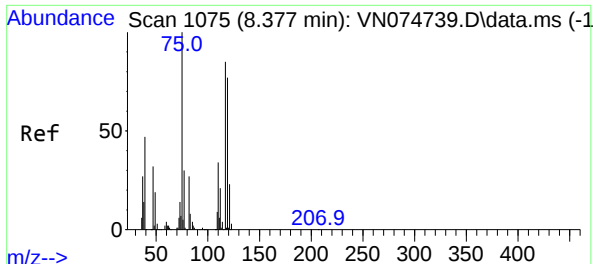
Ion Ratio Lower Upper

113 100

111 102.6 83.0 124.6

192 15.6 12.6 18.8

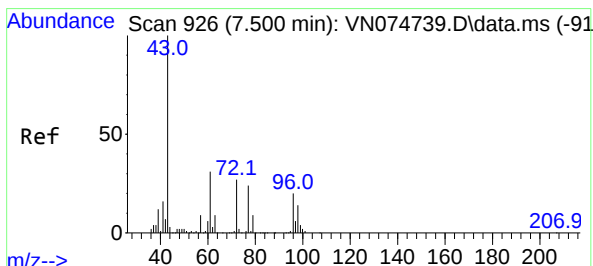
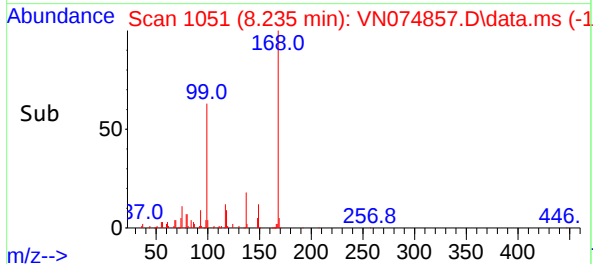
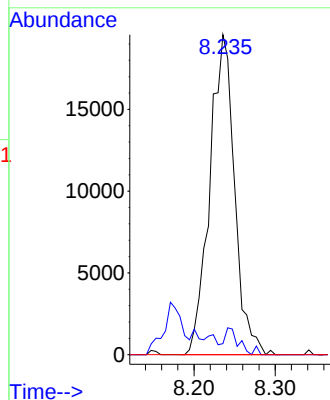
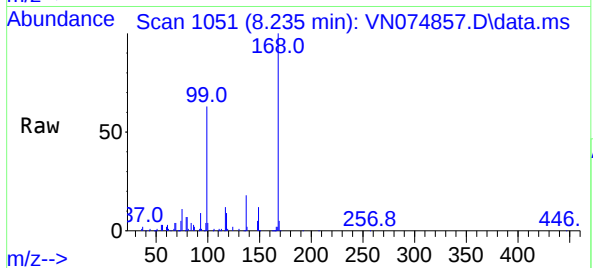




#36
1,1-Dichloropropene
Concen: 3.121 ug/l
RT: 8.235 min Scan# 1051
Delta R.T. -0.141 min
Lab File: VN074857.D
Acq: 11 Oct 2022 19:26

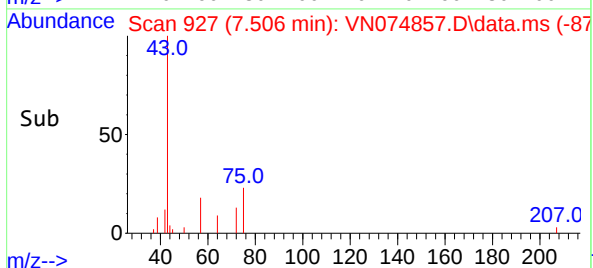
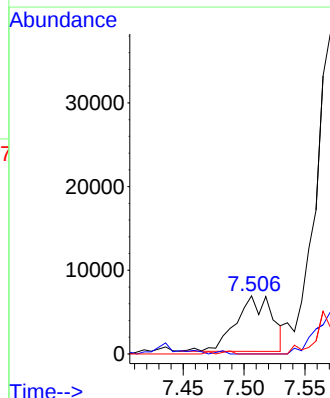
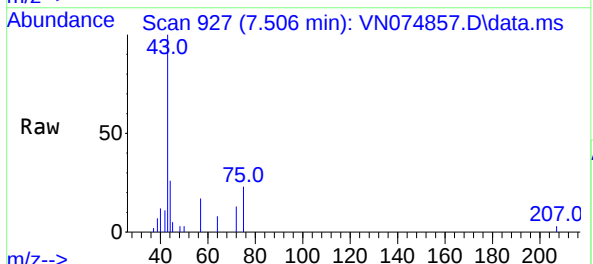
Instrument :
MSVOA_N
ClientSampleId :
PB148255ZHE#06

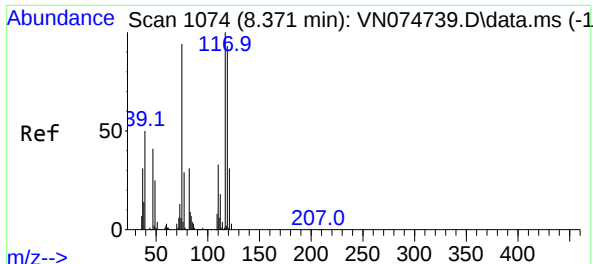
Tgt Ion: 75 Resp: 41654
Ion Ratio Lower Upper
75 100
110 4.6 17.2 51.5#
77 0.0 24.3 36.5#



#37
Ethyl Acetate
Concen: 0.256 ug/l
RT: 7.506 min Scan# 927
Delta R.T. 0.006 min
Lab File: VN074857.D
Acq: 11 Oct 2022 19:26

Tgt Ion: 43 Resp: 13695
Ion Ratio Lower Upper
43 100
61 0.0 4.3 6.5#
70 2.2 3.0 4.4#

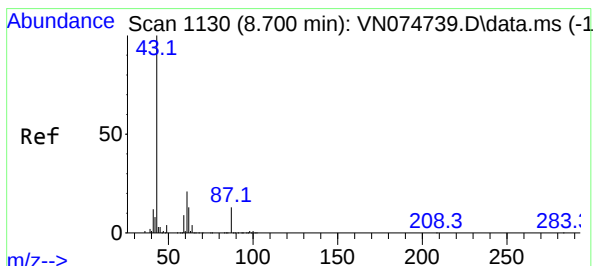
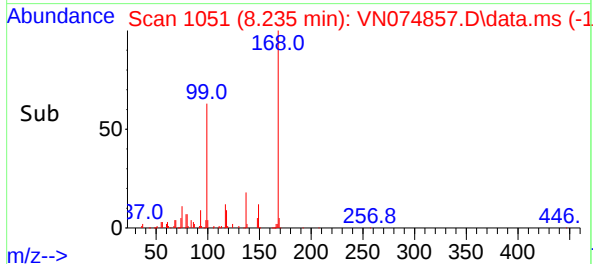
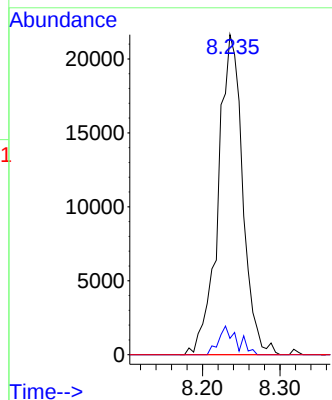
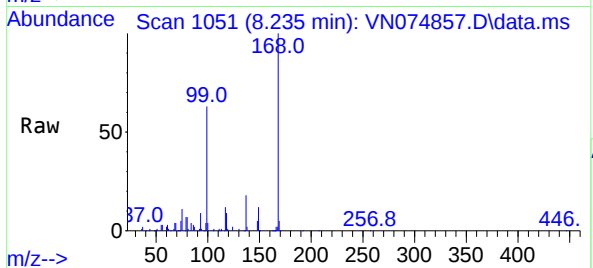




#38
Carbon Tetrachloride
Concen: 3.786 ug/l
RT: 8.235 min Scan# 1107
Delta R.T. -0.135 min
Lab File: VN074857.D
Acq: 11 Oct 2022 19:26

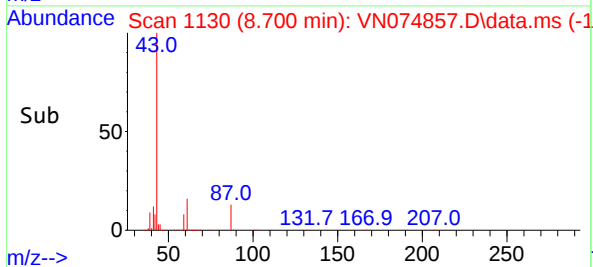
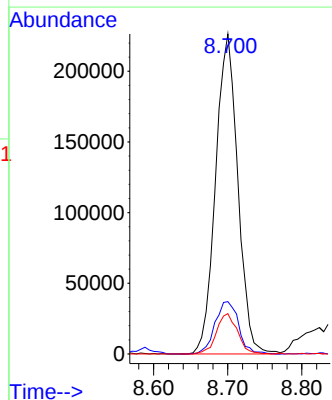
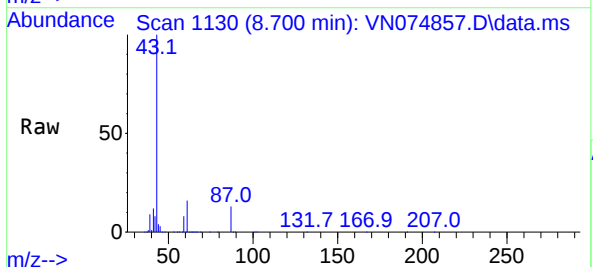
Instrument :
MSVOA_N
ClientSampleId :
PB148255ZHE#06

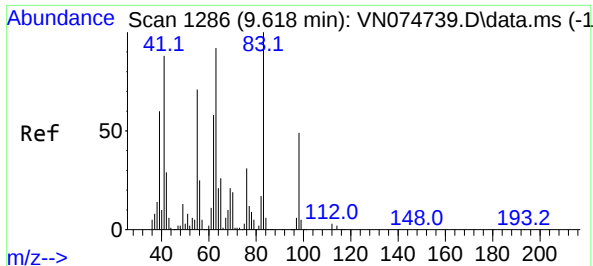
Tgt Ion:117 Resp: 47654
Ion Ratio Lower Upper
117 100
119 5.1 74.3 111.5#
121 0.0 25.0 37.4#



#43
Isopropyl Acetate
Concen: 14.261 ug/l
RT: 8.700 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN074857.D
Acq: 11 Oct 2022 19:26

Tgt Ion: 43 Resp: 471832
Ion Ratio Lower Upper
43 100
61 17.3 19.4 29.0#
87 11.9 10.1 15.1





#48

Methyl methacrylate

Concen: 1.063 ug/l

RT: 9.665 min Scan# 1

Delta R.T. 0.047 min

Lab File: VN074857.D

Acq: 11 Oct 2022 19:26

Instrument :

MSVOA_N

ClientSampleId :

PB148255ZHE#06

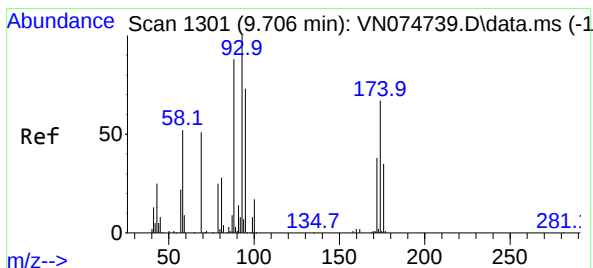
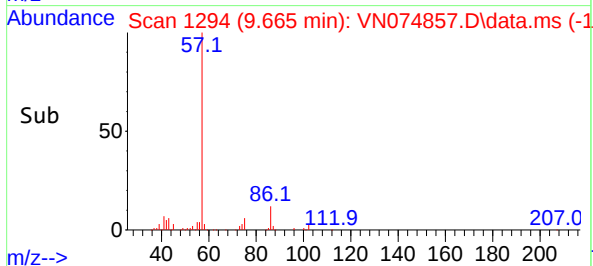
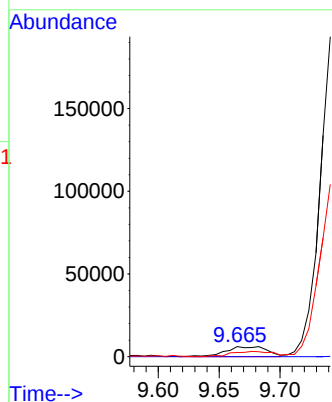
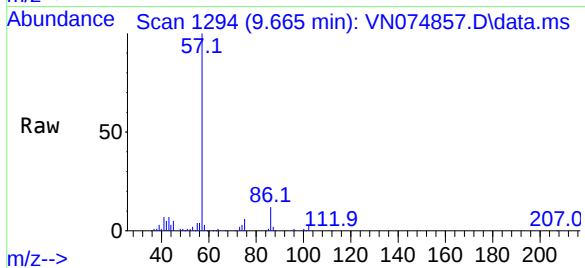
Tgt Ion: 41 Resp: 14445

Ion Ratio Lower Upper

41 100

69 0.0 0.0 0.0

39 52.7 54.4 81.6#



#49

1,4-Dioxane

Concen: 0.214 ug/l

RT: 9.682 min Scan# 1297

Delta R.T. -0.024 min

Lab File: VN074857.D

Acq: 11 Oct 2022 19:26

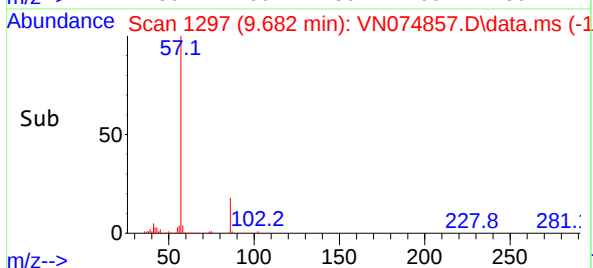
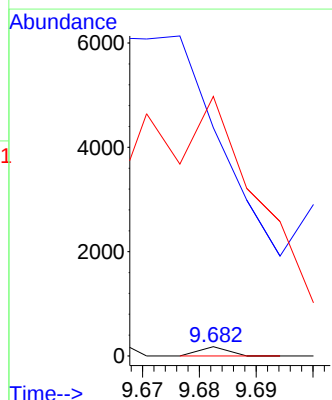
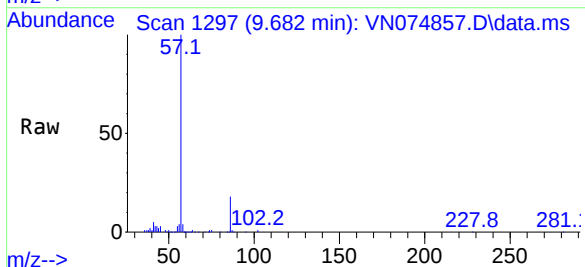
Tgt Ion: 88 Resp: 63

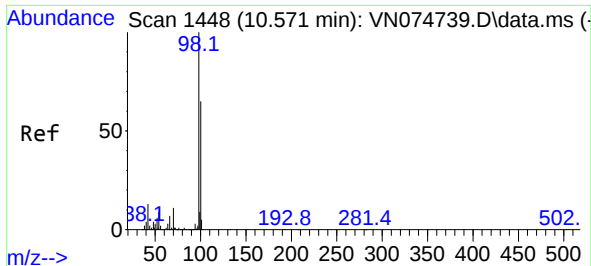
Ion Ratio Lower Upper

88 100

43 0.0 23.4 35.2#

58 16657.1 54.9 82.3#

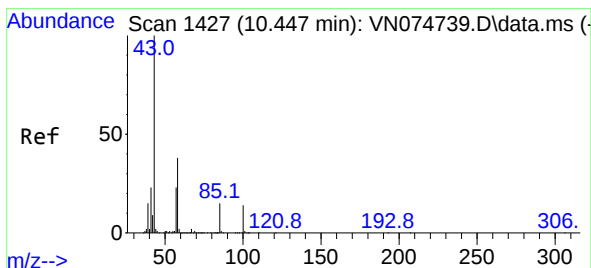
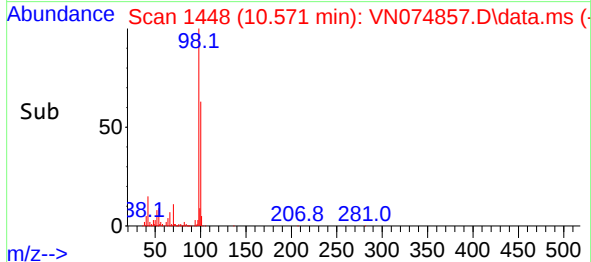
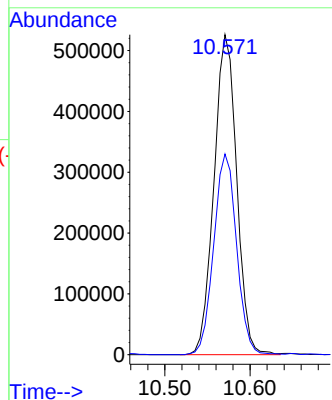
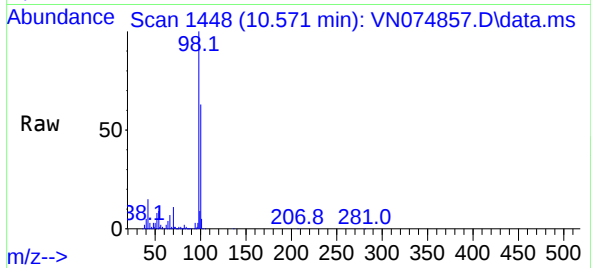




#50
Toluene-d8
Concen: 27.570 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN074857.D
Acq: 11 Oct 2022 19:26

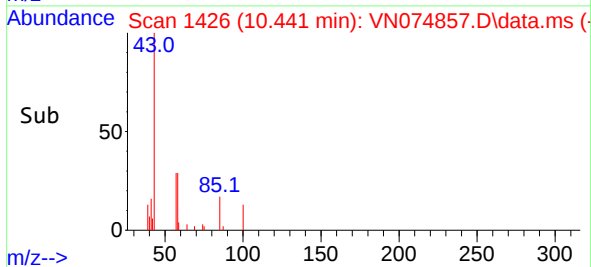
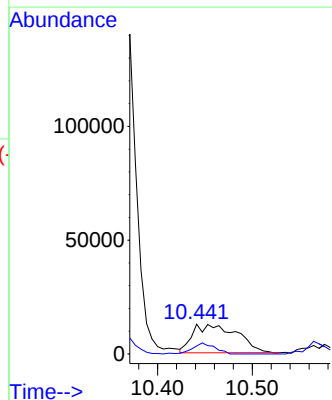
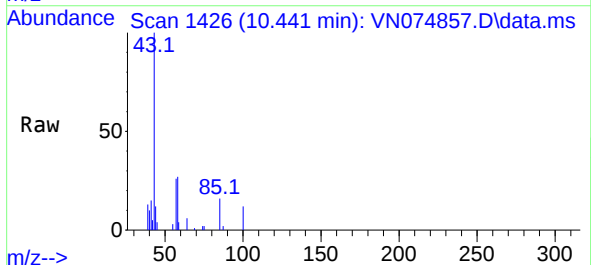
Instrument :
MSVOA_N
ClientSampleId :
PB148255ZHE#06

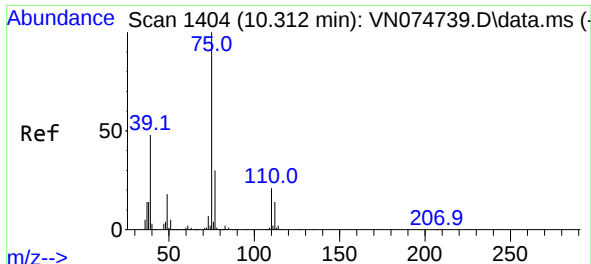
Tgt Ion: 98 Resp: 975573
Ion Ratio Lower Upper
98 100
100 63.0 50.7 76.1



#51
4-Methyl-2-Pentanone
Concen: 1.906 ug/l
RT: 10.441 min Scan# 1426
Delta R.T. -0.006 min
Lab File: VN074857.D
Acq: 11 Oct 2022 19:26

Tgt Ion: 43 Resp: 40618
Ion Ratio Lower Upper
43 100
58 19.5 30.6 45.8#

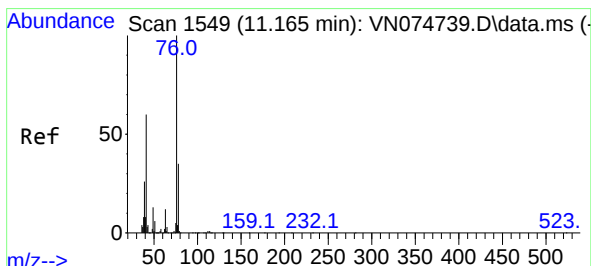
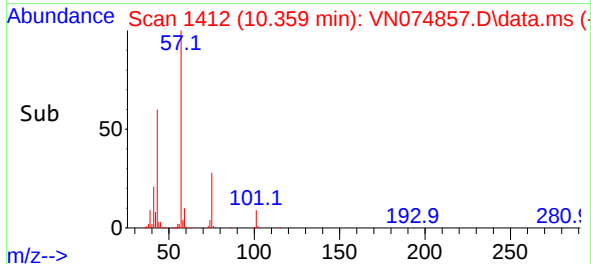
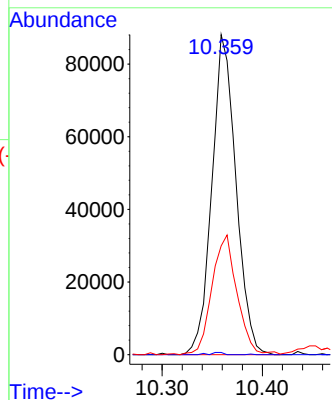
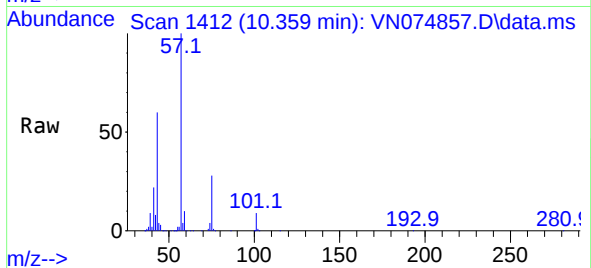




#54
cis-1,3-Dichloropropene
Concen: 8.132 ug/l
RT: 10.359 min Scan# 1412
Delta R.T. 0.047 min
Lab File: VN074857.D
Acq: 11 Oct 2022 19:26

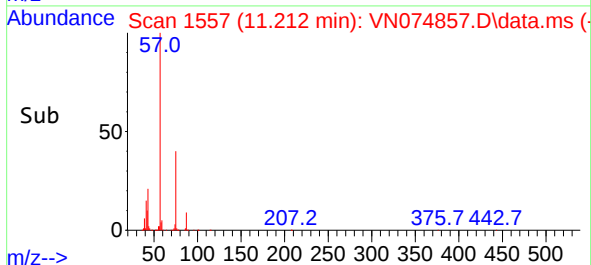
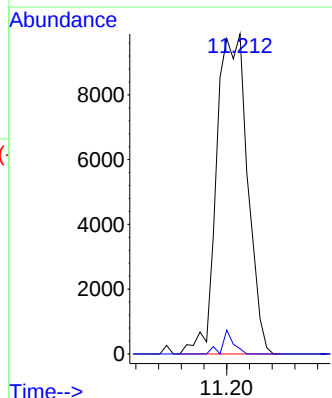
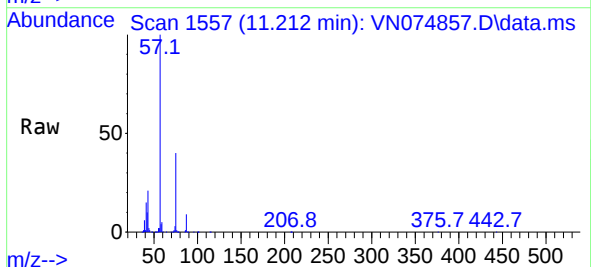
Instrument :
MSVOA_N
ClientSampleId :
PB148255ZHE#06

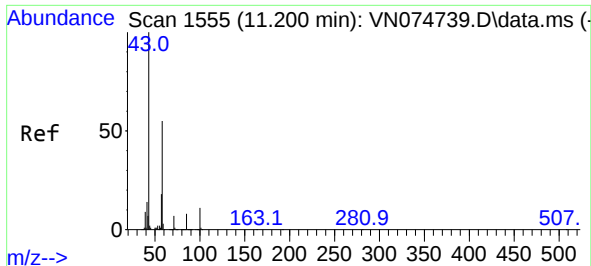
Tgt Ion: 75 Resp: 146738
Ion Ratio Lower Upper
75 100
77 0.7 24.4 36.6#
39 34.0 38.6 57.8#



#57
1,3-Dichloropropane
Concen: 0.989 ug/l
RT: 11.212 min Scan# 1557
Delta R.T. 0.047 min
Lab File: VN074857.D
Acq: 11 Oct 2022 19:26

Tgt Ion: 76 Resp: 18606
Ion Ratio Lower Upper
76 100
78 2.7 26.2 39.2#

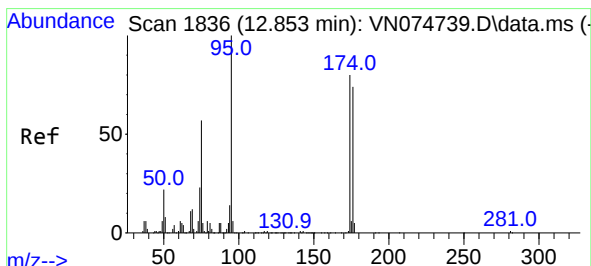
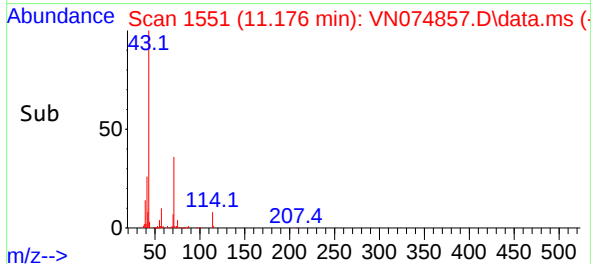
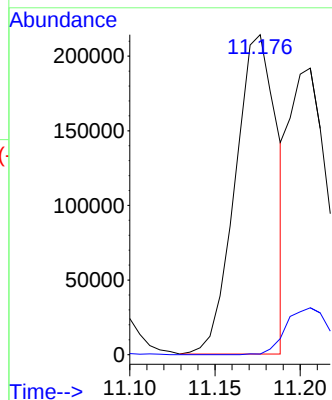
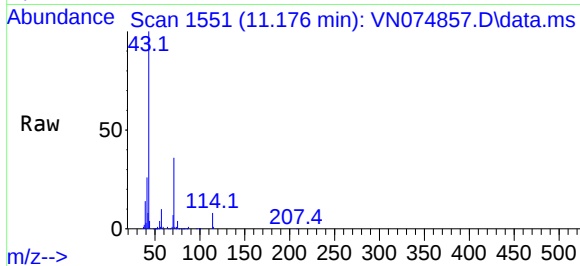




#59
2-Hexanone
Concen: 22.503 ug/l
RT: 11.176 min Scan# 1151
Delta R.T. -0.024 min
Lab File: VN074857.D
Acq: 11 Oct 2022 19:26

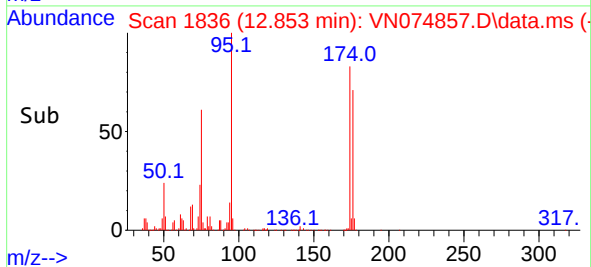
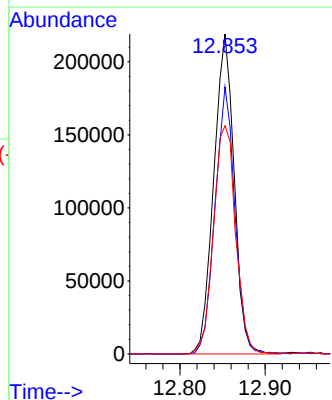
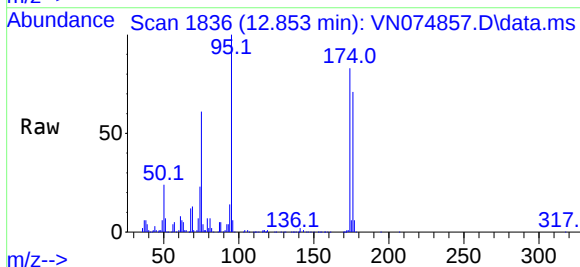
Instrument :
MSVOA_N
ClientSampleId :
PB148255ZHE#06

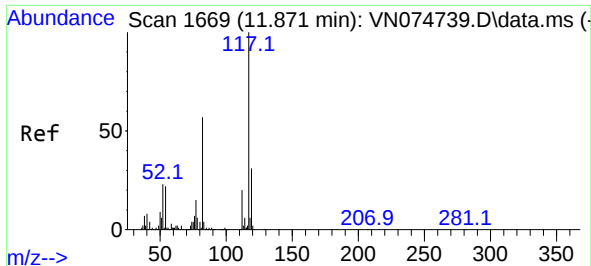
Tgt Ion: 43 Resp: 362650
Ion Ratio Lower Upper
43 100
58 0.0 27.3 81.9#



#62
4-Bromofluorobenzene
Concen: 33.851 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN074857.D
Acq: 11 Oct 2022 19:26

Tgt Ion: 95 Resp: 364124
Ion Ratio Lower Upper
95 100
174 81.6 0.0 149.4
176 77.6 0.0 142.0

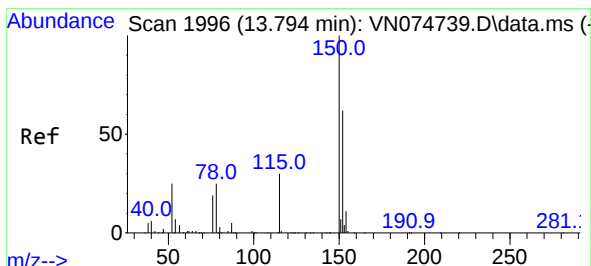
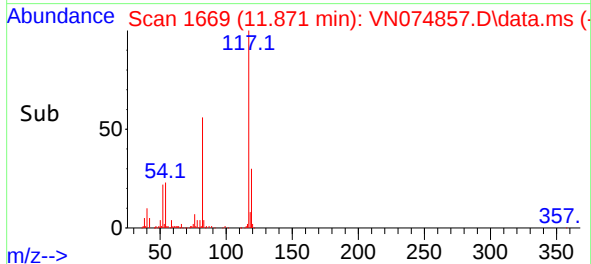
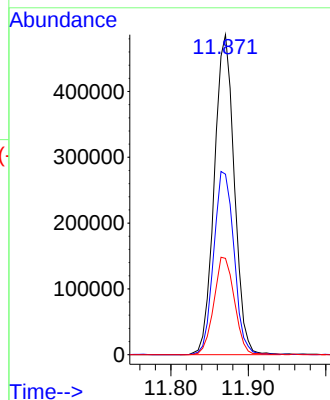
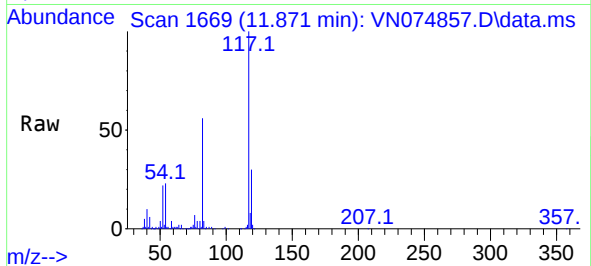




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VN074857.D
Acq: 11 Oct 2022 19:26

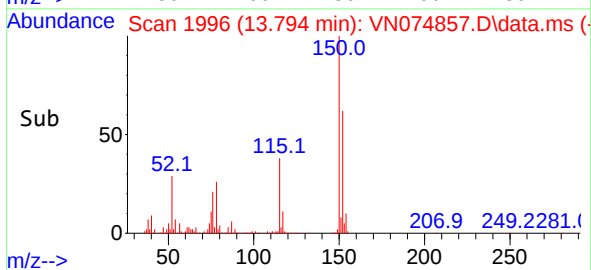
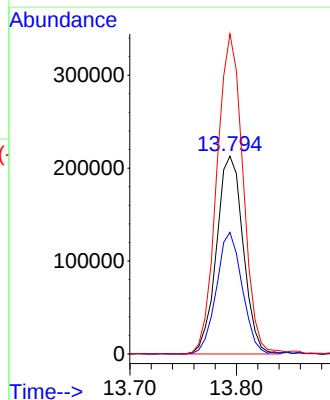
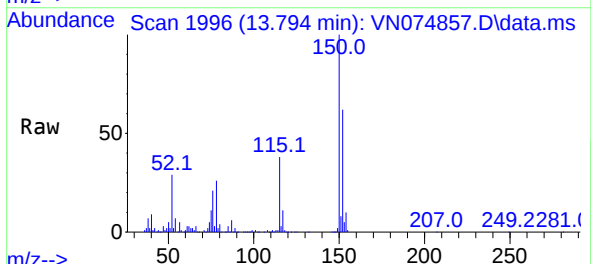
Instrument :
MSVOA_N
ClientSampleId :
PB148255ZHE#06

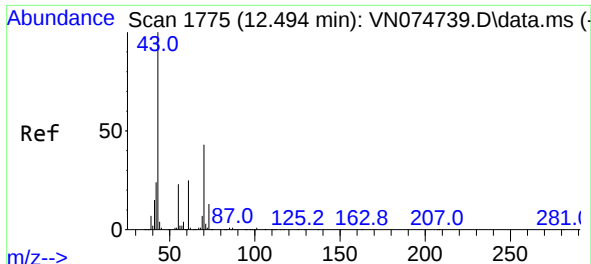
Tgt Ion:117 Resp: 870803
Ion Ratio Lower Upper
117 100
82 56.4 45.4 68.2
119 30.1 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN074857.D
Acq: 11 Oct 2022 19:26

Tgt Ion:152 Resp: 369123
Ion Ratio Lower Upper
152 100
115 60.2 30.0 90.0
150 160.3 0.0 356.4

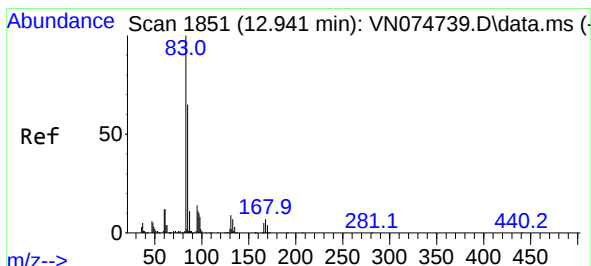
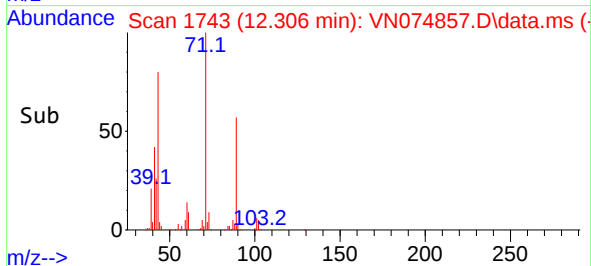
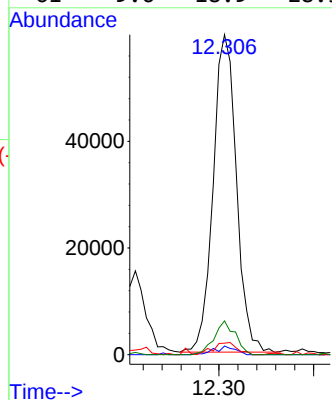
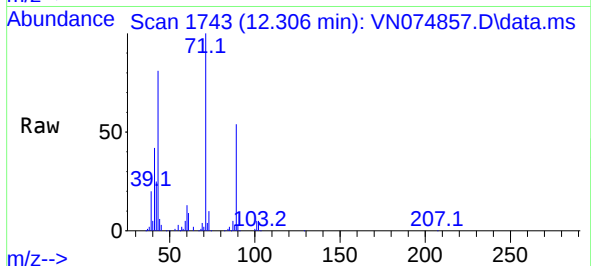




#74
N-amy1 acetate
Concen: 4.734 ug/l
RT: 12.306 min Scan# 11
Delta R.T. -0.188 min
Lab File: VN074857.D
Acq: 11 Oct 2022 19:26

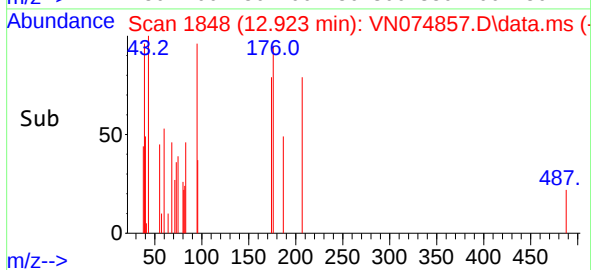
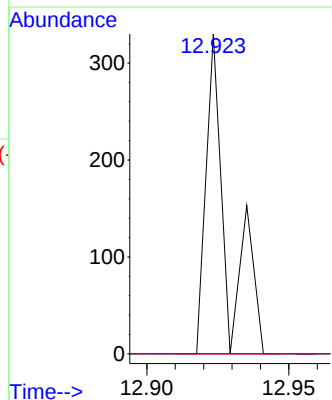
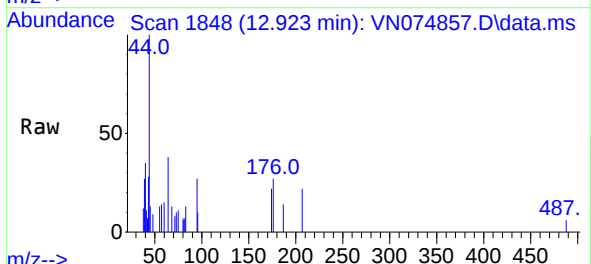
Instrument :
MSVOA_N
ClientSampleId :
PB148255ZHE#06

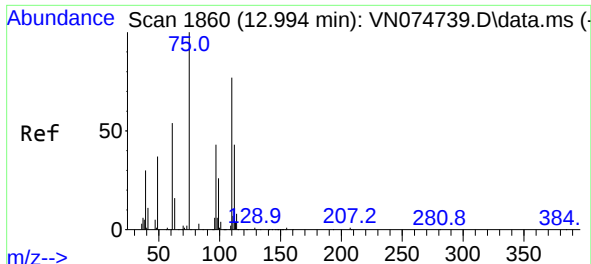
Tgt Ion: 43 Resp: 101661
Ion Ratio Lower Upper
43 100
70 2.4 32.9 49.3#
55 4.0 17.8 26.6#
61 9.6 18.9 28.3#



#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 12.923 min Scan# 1848
Delta R.T. -0.018 min
Lab File: VN074857.D
Acq: 11 Oct 2022 19:26

Tgt Ion: 83 Resp: 170
Ion Ratio Lower Upper
83 100
131 0.0 4.3 12.8#
85 0.0 32.9 98.6#

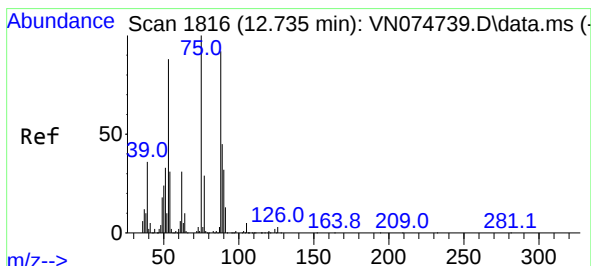
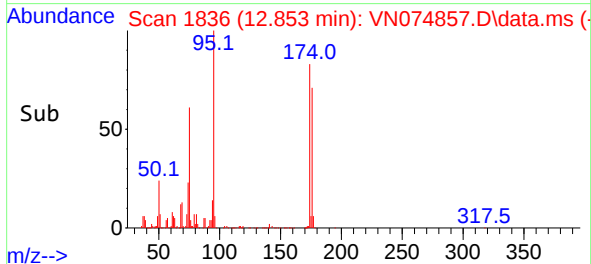
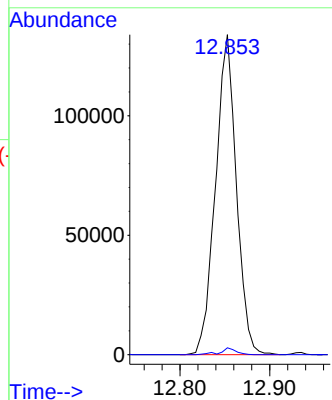
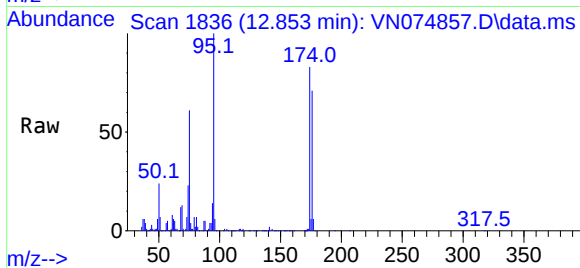




#76
1,2,3-Trichloropropane
Concen: 19.632 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.141 min
Lab File: VN074857.D
Acq: 11 Oct 2022 19:26

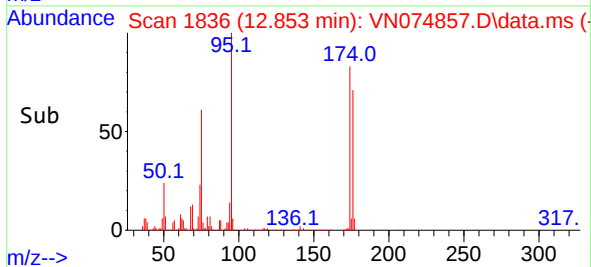
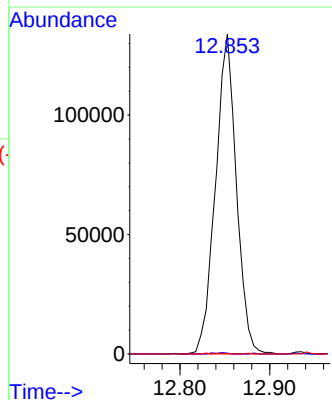
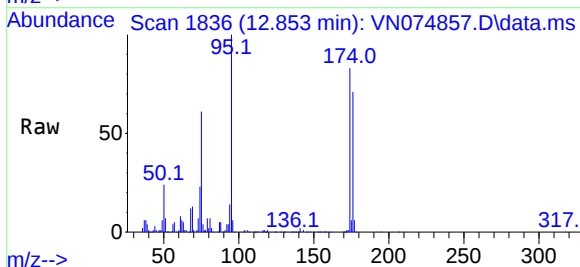
Instrument :
MSVOA_N
ClientSampleId :
PB148255ZHE#06

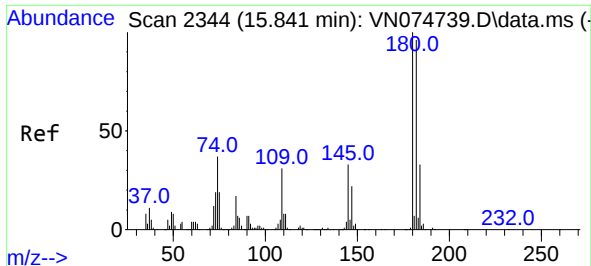
Tgt Ion: 75 Resp: 216297
Ion Ratio Lower Upper
75 100
77 1.6 76.9 230.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 38.251 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.117 min
Lab File: VN074857.D
Acq: 11 Oct 2022 19:26

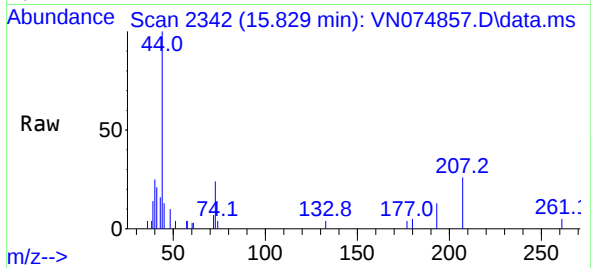
Tgt Ion: 75 Resp: 216297
Ion Ratio Lower Upper
75 100
53 0.3 71.4 107.0#
89 0.1 32.1 48.1#





#96
 1,2,3-Trichlorobenzene
 Concen: Below Cal
 RT: 15.829 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: VN074857.D
 Acq: 11 Oct 2022 19:26

Instrument :
 MSVOA_N
 ClientSampleId :
 PB148255ZHE#06



Tgt Ion:180 Resp: 158
 Ion Ratio Lower Upper
 180 100
 182 0.0 47.3 142.0#
 145 43.7 17.1 51.2

