

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031224\
 Data File : VN081383.D
 Acq On : 12 Mar 2024 19:25
 Operator : JC\MD
 Sample : P1734-05 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 1342

Quant Time: Mar 13 04:56:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030524W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 06 03:12:57 2024
 Response via : Initial Calibration

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

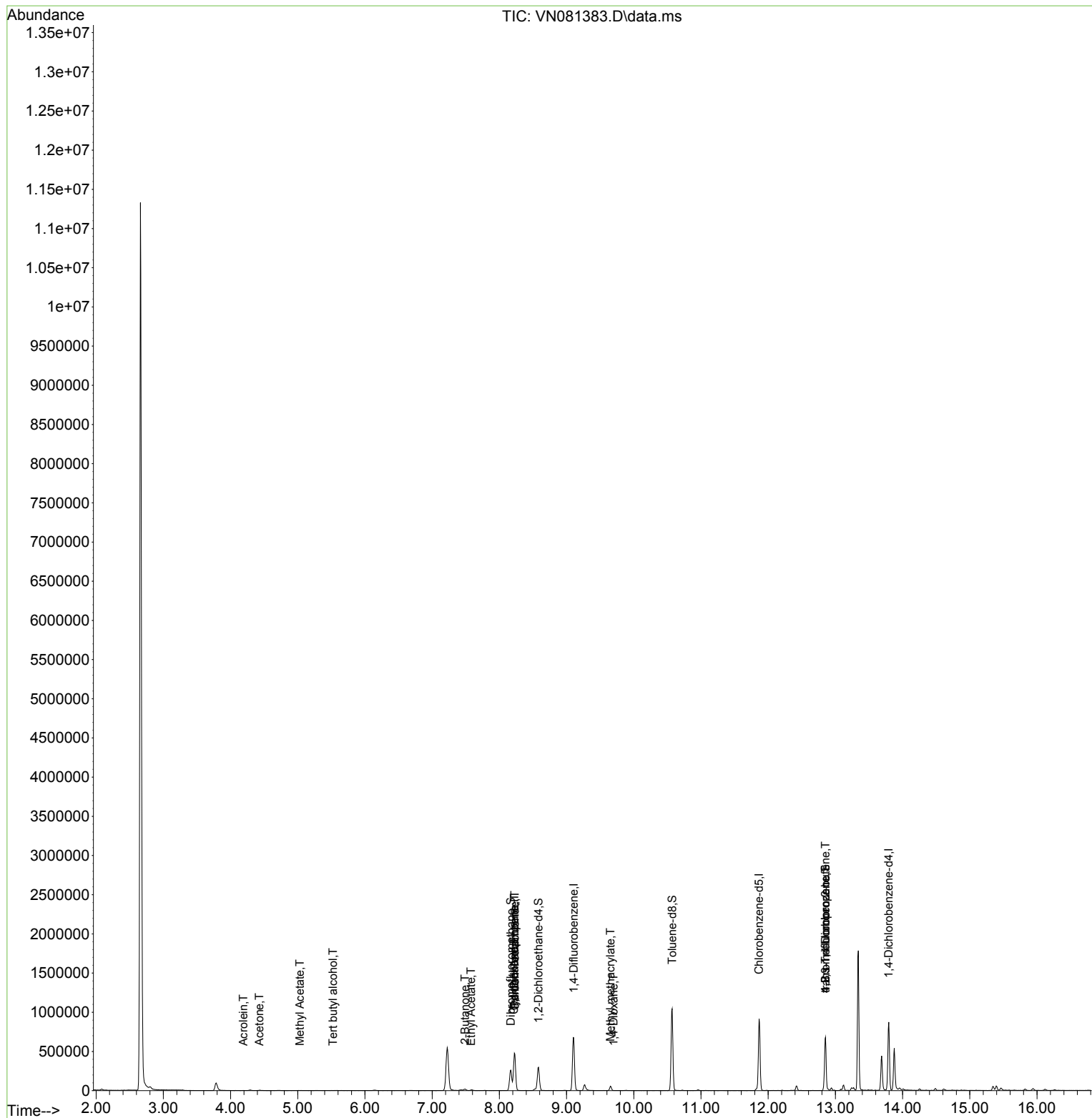
Internal Standards						
1) Pentafluorobenzene	8.224	168	327615	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	591614	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	515464	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	216414	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	241658	51.016	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 102.040%	
35) Dibromofluoromethane	8.171	113	187012	51.595	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.180%	
50) Toluene-d8	10.571	98	707459	52.212	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 104.420%	
62) 4-Bromofluorobenzene	12.853	95	226399	47.275	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 94.540%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.524	59	907	1.095	ug/l #	72
13) Acrolein	4.189	56	625	0.637	ug/l	93
16) Acetone	4.430	43	9519	5.672	ug/l	90
18) Methyl Acetate	5.030	43	2659	0.553	ug/l #	54
20) Methylene Chloride	5.283	84	871	Below Cal	#	17
25) 2-Butanone	7.488	43	29096	10.352	ug/l	95
31) Cyclohexane	8.218	56	8600	1.199	ug/l #	18
36) 1,1-Dichloropropene	8.224	75	31022	5.305	ug/l #	47
37) Ethyl Acetate	7.577	43	5378	0.941	ug/l #	1
38) Carbon Tetrachloride	8.230	117	37817	6.426	ug/l #	17
48) Methyl methacrylate	9.653	41	15288	3.457	ug/l #	49
49) 1,4-Dioxane	9.700	88	59	0.605	ug/l #	18
76) 1,2,3-Trichloropropane	12.853	75	126928	24.831	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	126928	69.299	ug/l #	14

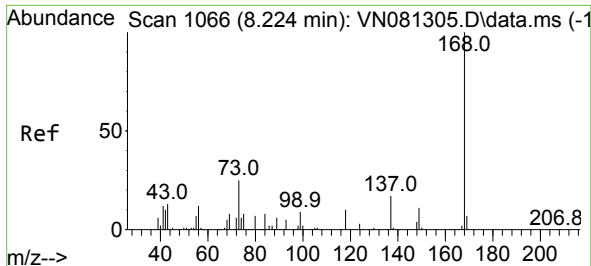
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Mar 06 03:12:57 2024
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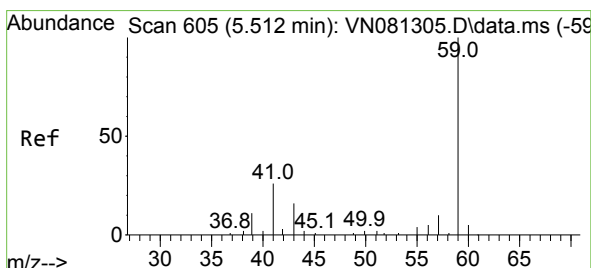
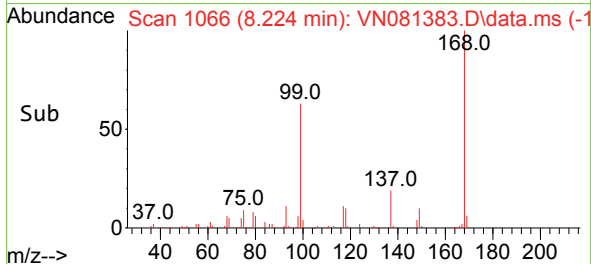
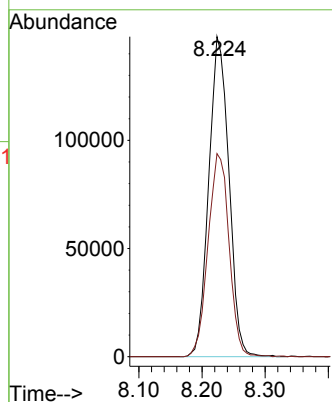
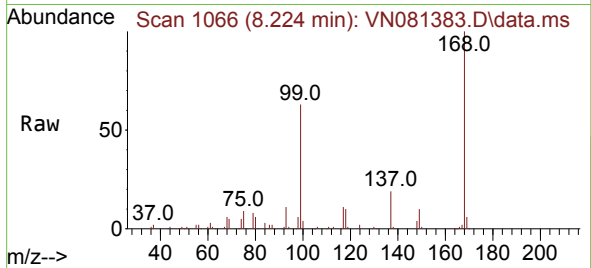




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081383.D
Acq: 12 Mar 2024 19:25

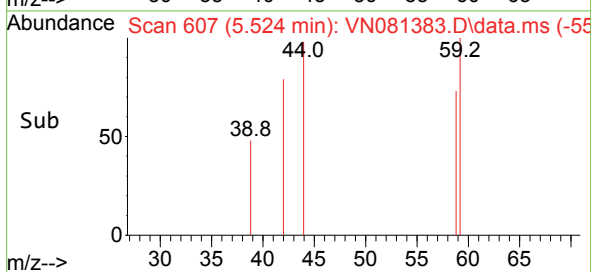
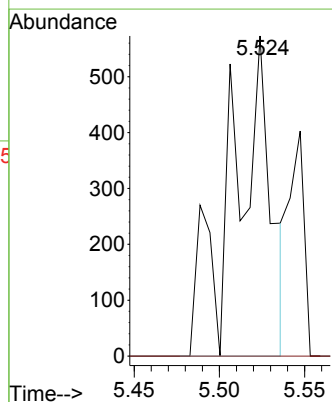
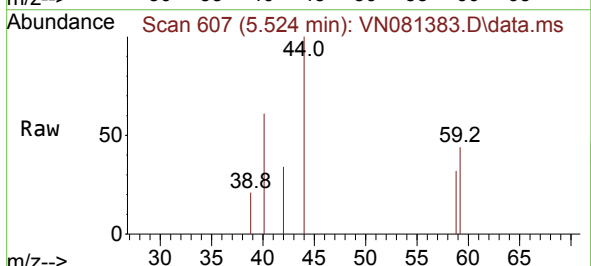
Instrument :
MSVOA_N
ClientSampleId :
1342

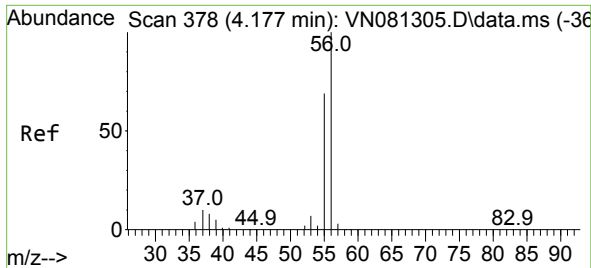
Tgt Ion:168 Resp: 327615
Ion Ratio Lower Upper
168 100
99 63.5 59.9 89.9



#11
Tert butyl alcohol
Concen: 1.095 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.012 min
Lab File: VN081383.D
Acq: 12 Mar 2024 19:25

Tgt Ion: 59 Resp: 907
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#





#13

Acrolein

Concen: 0.637 ug/l

RT: 4.189 min Scan# 31

Delta R.T. 0.012 min

Lab File: VN081383.D

Acq: 12 Mar 2024 19:25

Instrument :

MSVOA_N

ClientSampleId :

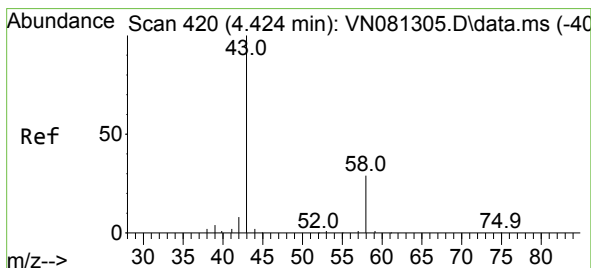
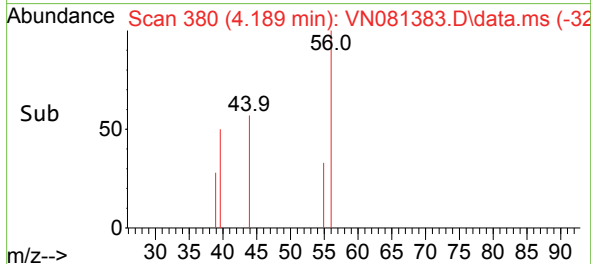
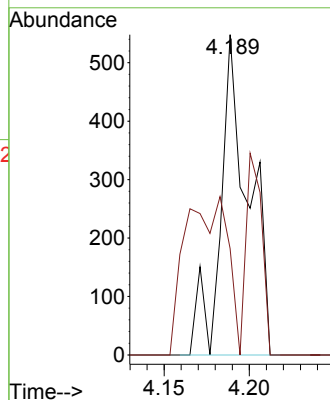
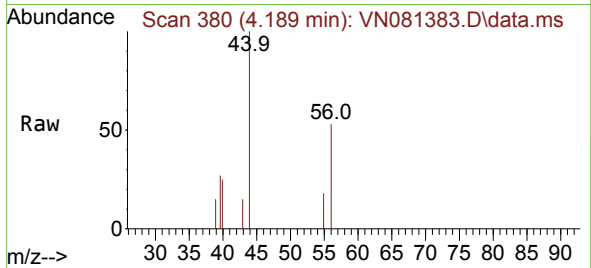
1342

Tgt Ion: 56 Resp: 625

Ion Ratio Lower Upper

56 100

55 74.9 55.3 82.9



#16

Acetone

Concen: 5.672 ug/l

RT: 4.430 min Scan# 421

Delta R.T. 0.006 min

Lab File: VN081383.D

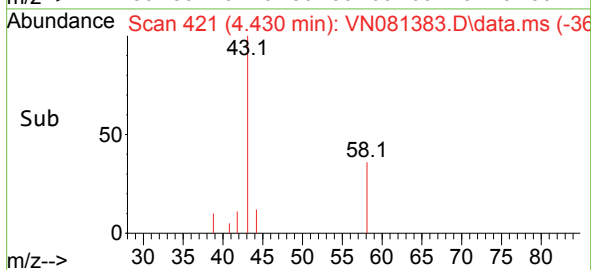
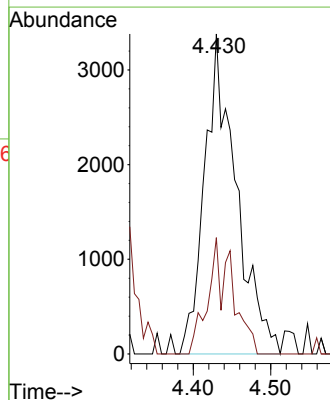
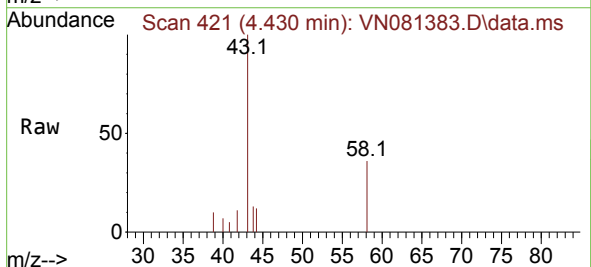
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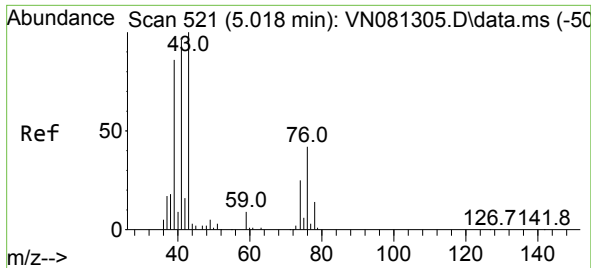
Tgt Ion: 43 Resp: 9519

Ion Ratio Lower Upper

43 100

58 36.4 24.8 37.2

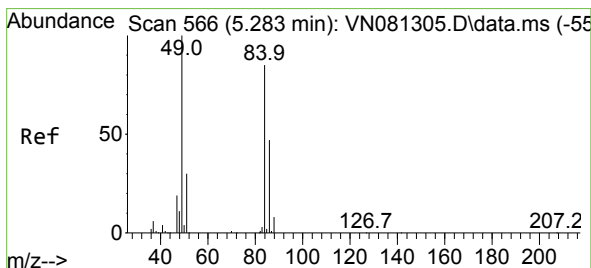
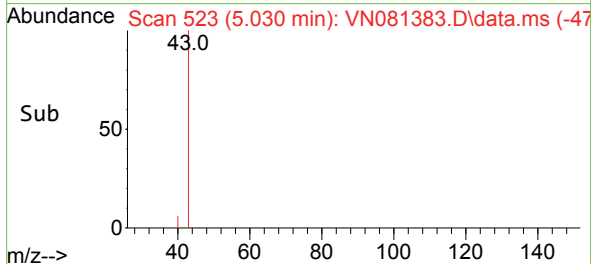
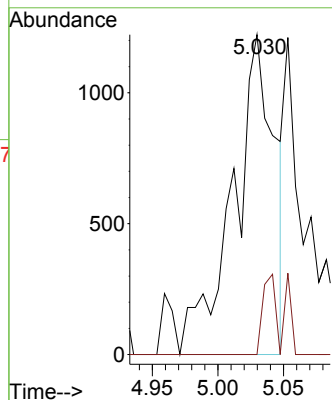
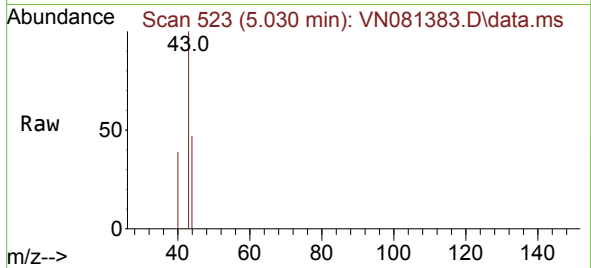




#18
Methyl Acetate
Concen: 0.553 ug/l
RT: 5.030 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN081383.D
Acq: 12 Mar 2024 19:25

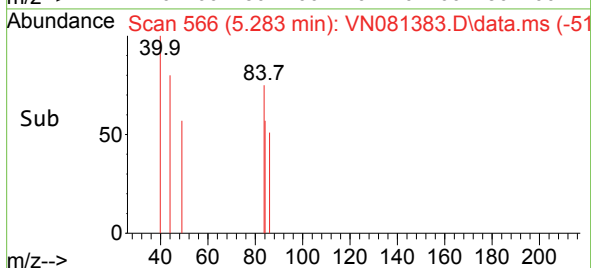
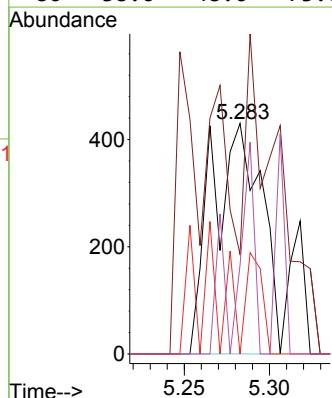
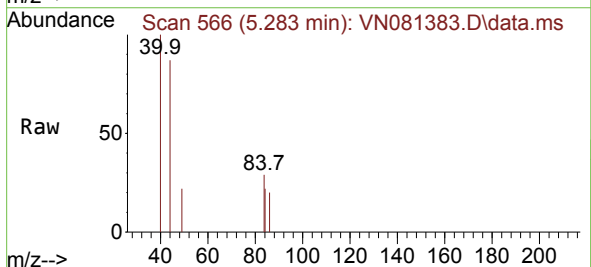
Instrument :
MSVOA_N
ClientSampleId :
1342

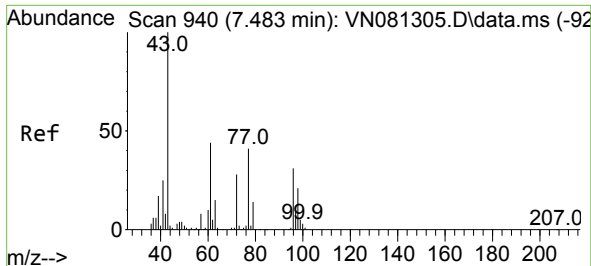
Tgt Ion: 43 Resp: 2659
Ion Ratio Lower Upper
43 100
74 0.0 17.3 25.9#



#20
Methylene Chloride
Concen: Below Cal
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN081383.D
Acq: 12 Mar 2024 19:25

Tgt Ion: 84 Resp: 871
Ion Ratio Lower Upper
84 100
49 0.0 108.1 162.1#
51 0.0 32.9 49.3#
86 38.6 48.6 73.0#

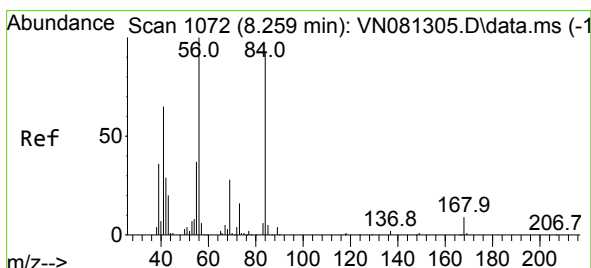
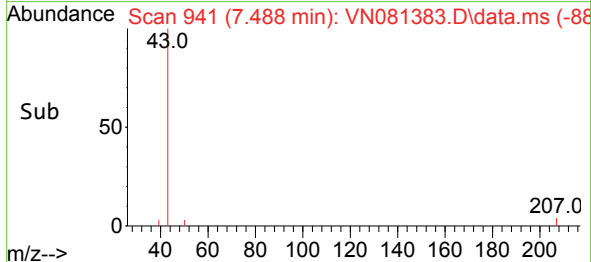
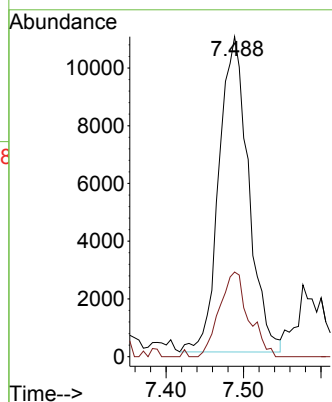
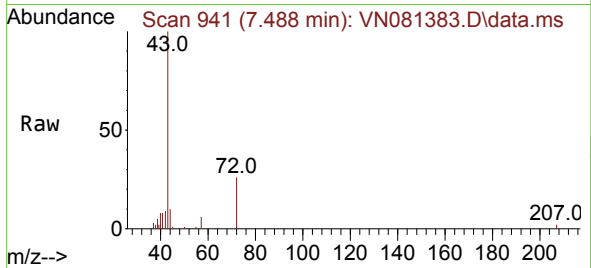




#25
2-Butanone
Concen: 10.352 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN081383.D
Acq: 12 Mar 2024 19:25

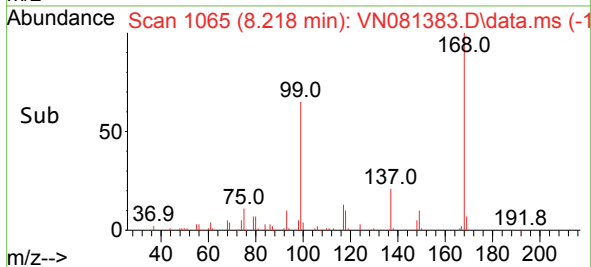
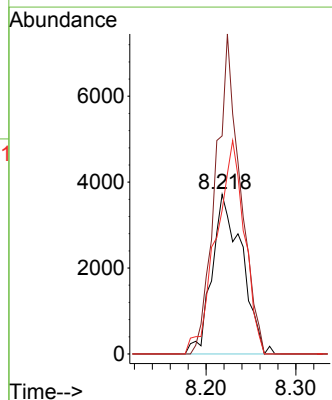
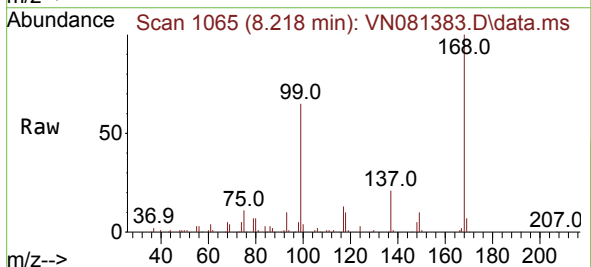
Instrument :
MSVOA_N
ClientSampleId :
1342

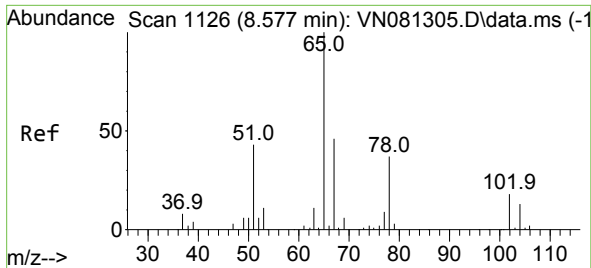
Tgt Ion: 43 Resp: 29096
Ion Ratio Lower Upper
43 100
72 26.9 19.5 29.3



#31
Cyclohexane
Concen: 1.199 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.041 min
Lab File: VN081383.D
Acq: 12 Mar 2024 19:25

Tgt Ion: 56 Resp: 8600
Ion Ratio Lower Upper
56 100
69 136.7 20.1 30.1#
84 97.8 56.9 85.3#





#33

1,2-Dichloroethane-d4

Concen: 51.016 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN081383.D

Acq: 12 Mar 2024 19:25

Instrument :

MSVOA_N

ClientSampleId :

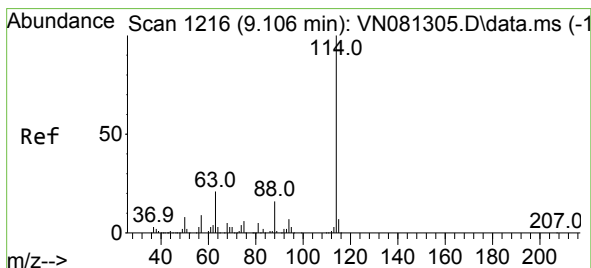
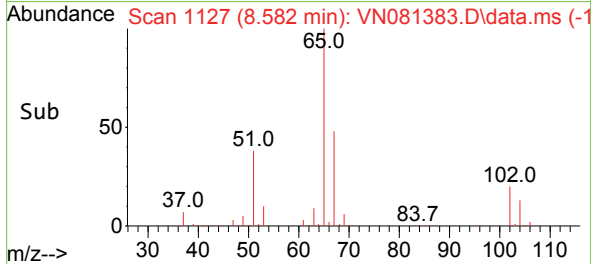
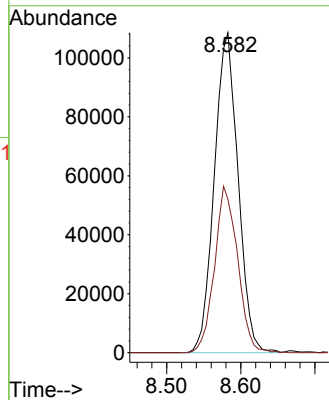
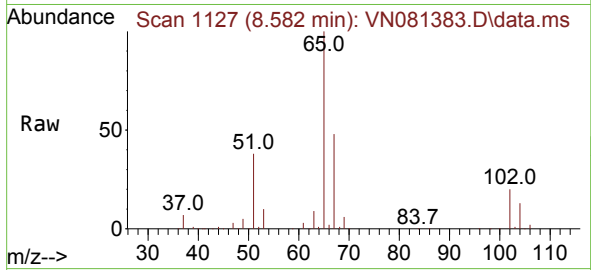
1342

Tgt Ion: 65 Resp: 241658

Ion Ratio Lower Upper

65 100

67 50.6 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN081383.D

Acq: 12 Mar 2024 19:25

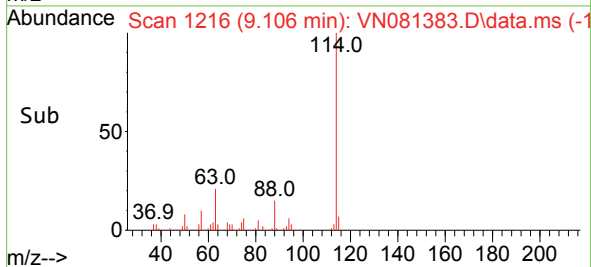
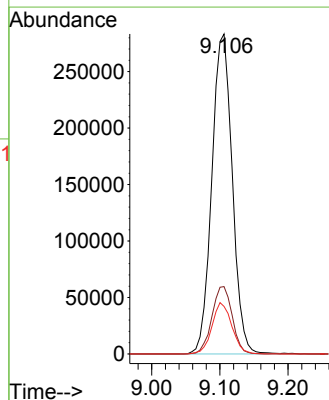
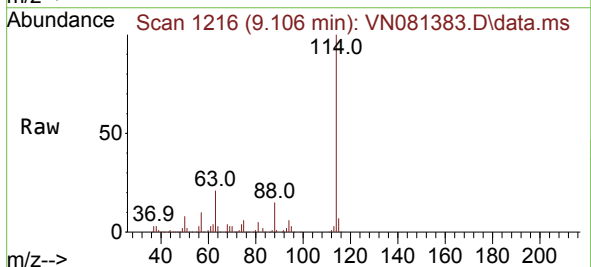
Tgt Ion: 114 Resp: 591614

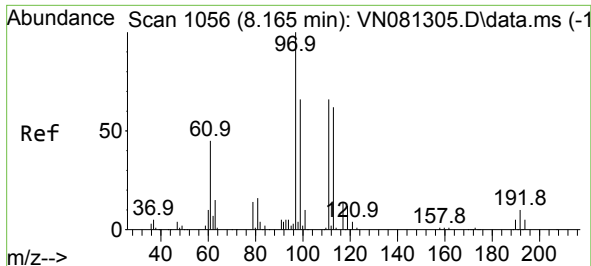
Ion Ratio Lower Upper

114 100

63 21.1 0.0 48.0

88 14.9 0.0 34.8

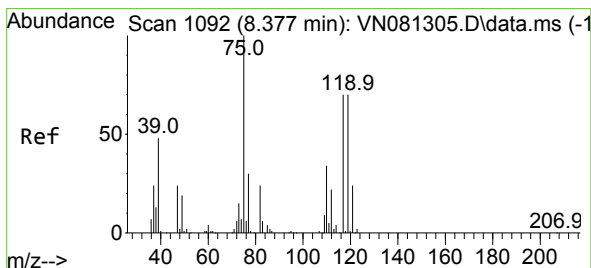
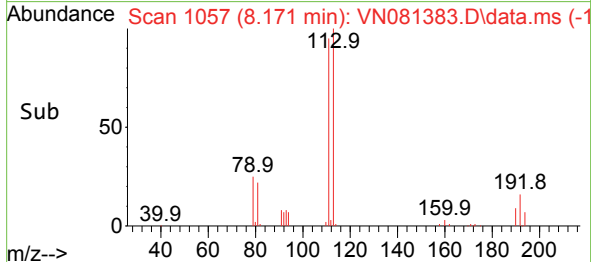
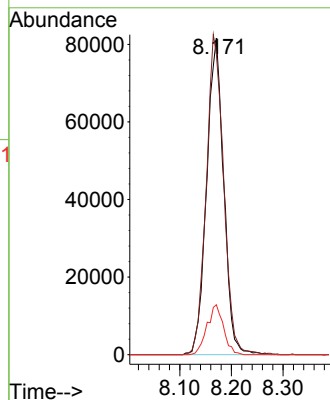
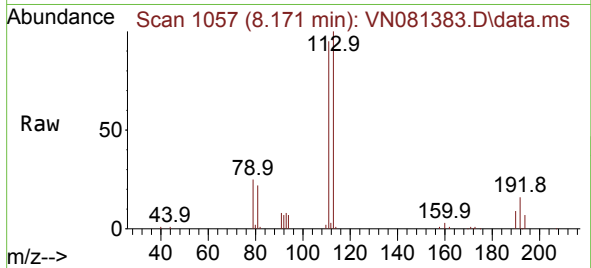




#35
 Dibromofluoromethane
 Concen: 51.595 ug/l
 RT: 8.171 min Scan# 1056
 Delta R.T. 0.006 min
 Lab File: VN081383.D
 Acq: 12 Mar 2024 19:25

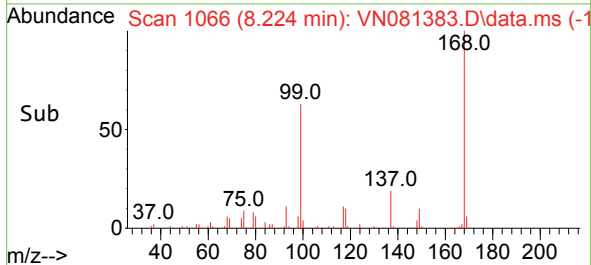
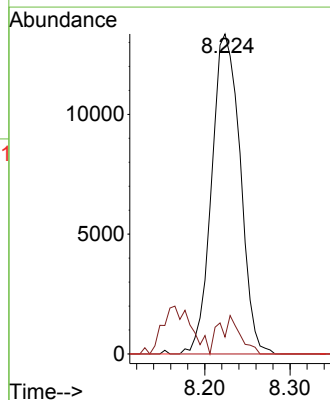
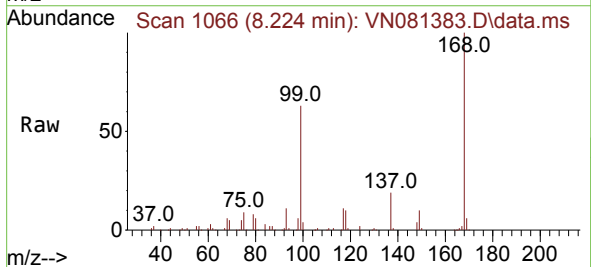
Instrument :
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 1342

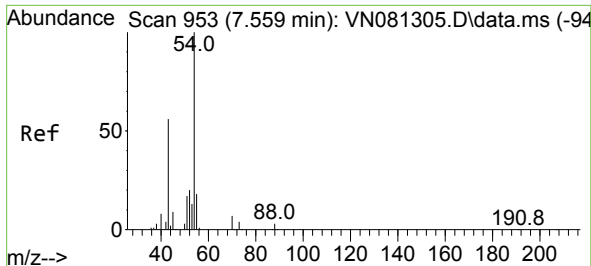
Tgt Ion:113 Resp: 187012
 Ion Ratio Lower Upper
 113 100
 111 103.1 82.2 123.4
 192 15.3 12.5 18.7



#36
 1,1-Dichloropropene
 Concen: 5.305 ug/l
 RT: 8.224 min Scan# 1066
 Delta R.T. -0.153 min
 Lab File: VN081383.D
 Acq: 12 Mar 2024 19:25

Tgt Ion: 75 Resp: 31022
 Ion Ratio Lower Upper
 75 100
 110 5.3 16.0 48.0#
 77 0.0 25.8 38.6#





#37

Ethyl Acetate

Concen: 0.941 ug/l

RT: 7.577 min Scan# 91

Delta R.T. 0.018 min

Lab File: VN081383.D

Acq: 12 Mar 2024 19:25

Instrument :

MSVOA_N

ClientSampleId :

1342

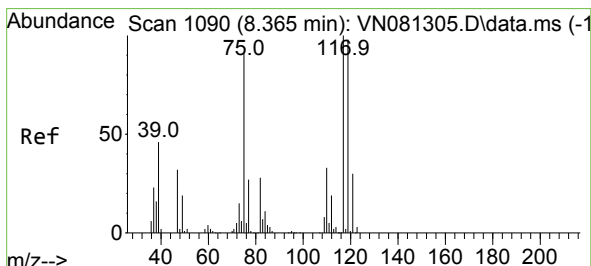
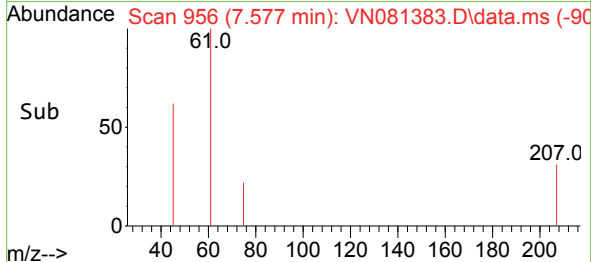
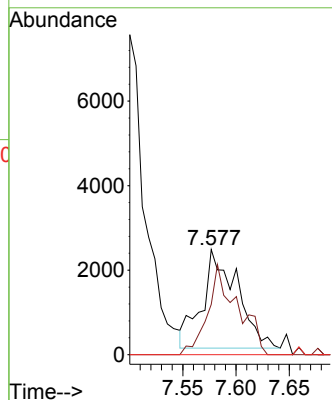
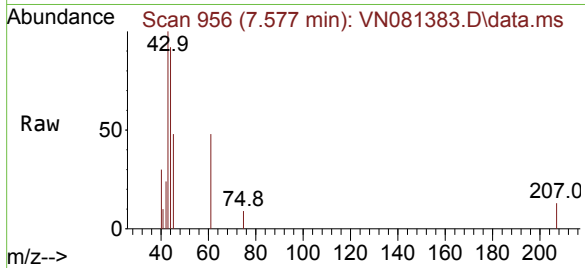
Tgt Ion: 43 Resp: 5378

Ion Ratio Lower Upper

43 100

61 77.3 10.6 15.8#

70 0.0 8.0 12.0#



#38

Carbon Tetrachloride

Concen: 6.426 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.135 min

Lab File: VN081383.D

Acq: 12 Mar 2024 19:25

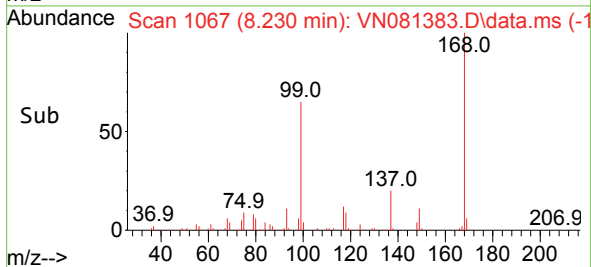
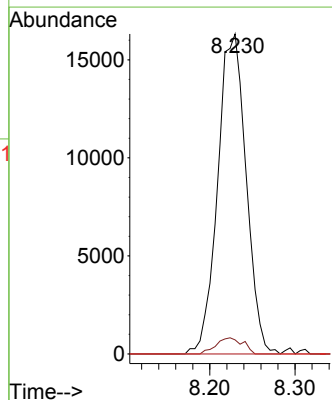
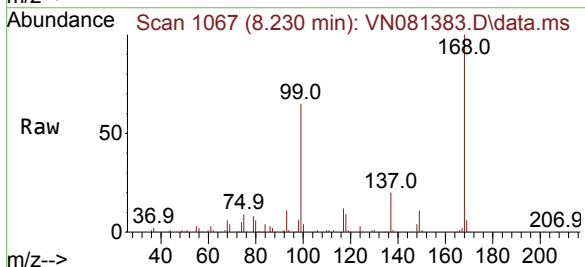
Tgt Ion: 117 Resp: 37817

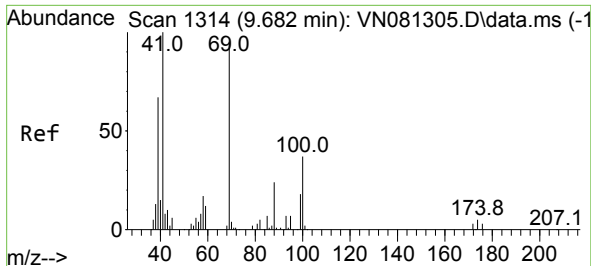
Ion Ratio Lower Upper

117 100

119 4.4 73.4 110.2#

121 0.0 24.4 36.6#





#48

Methyl methacrylate

Concen: 3.457 ug/l

RT: 9.653 min Scan# 1309

Delta R.T. -0.029 min

Lab File: VN081383.D

Acq: 12 Mar 2024 19:25

Instrument :

MSVOA_N

ClientSampleId :

1342

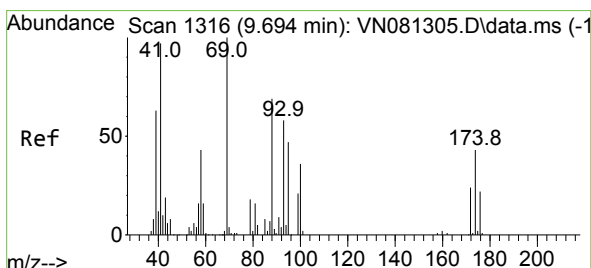
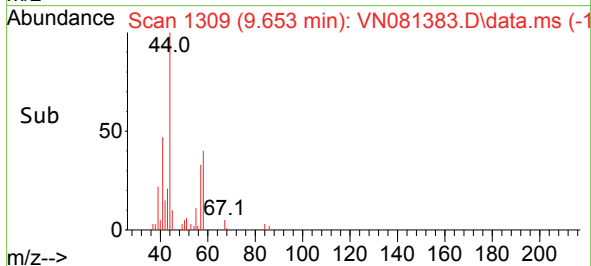
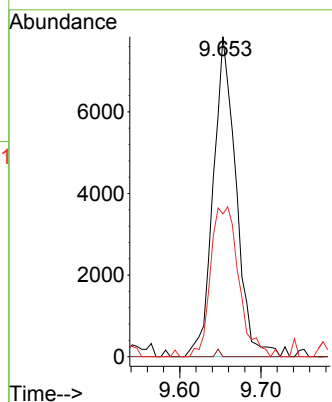
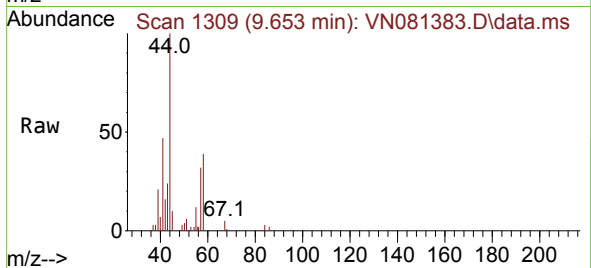
Tgt Ion: 41 Resp: 15288

Ion Ratio Lower Upper

41 100

69 0.4 62.2 93.2#

39 58.0 47.6 71.4



#49

1,4-Dioxane

Concen: 0.605 ug/l

RT: 9.700 min Scan# 1317

Delta R.T. 0.006 min

Lab File: VN081383.D

Acq: 12 Mar 2024 19:25

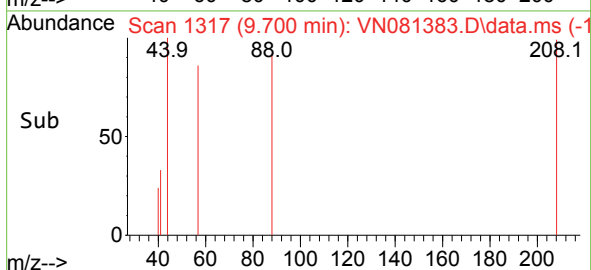
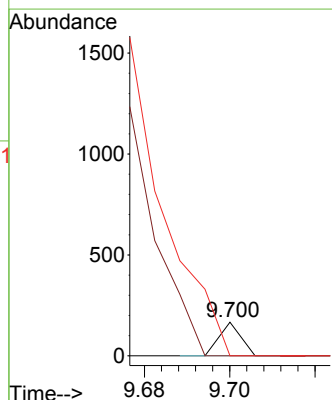
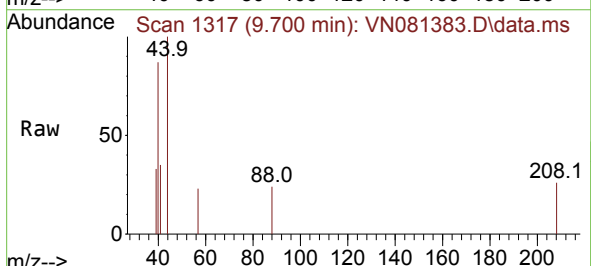
Tgt Ion: 88 Resp: 59

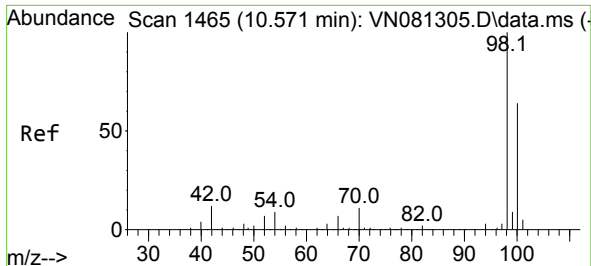
Ion Ratio Lower Upper

88 100

43 0.0 30.1 45.1#

58 0.0 63.9 95.9#

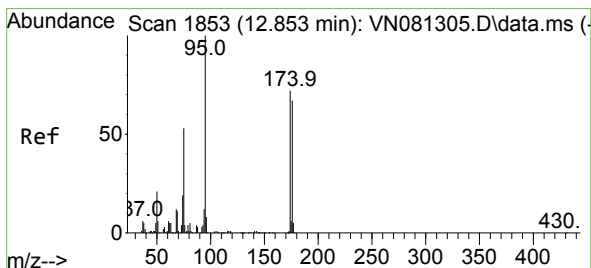
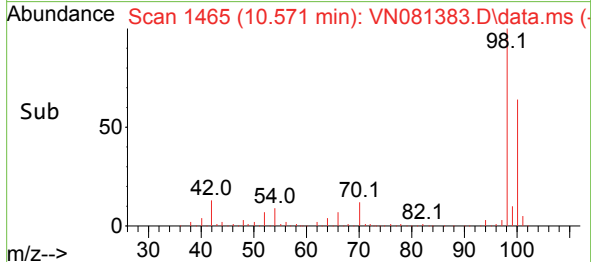
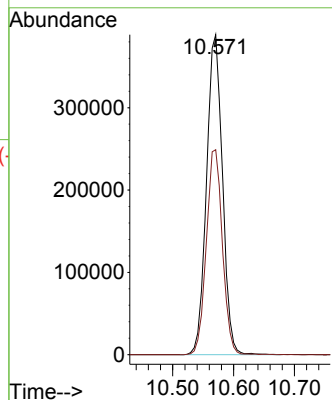
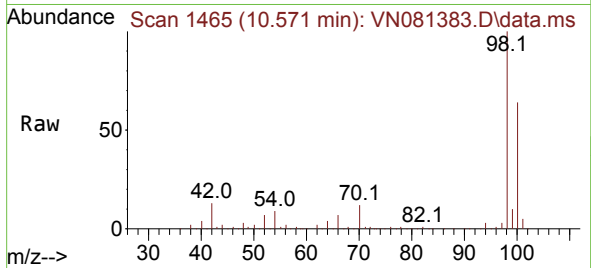




#50
Toluene-d8
Concen: 52.212 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN081383.D
Acq: 12 Mar 2024 19:25

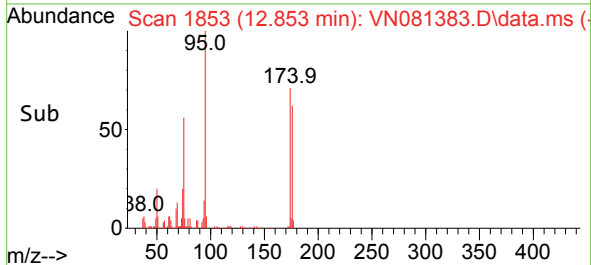
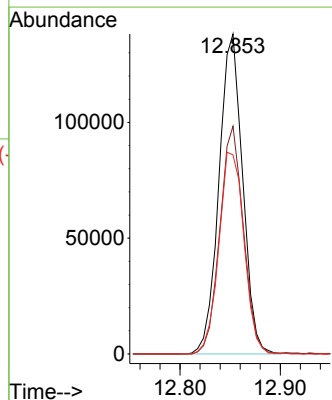
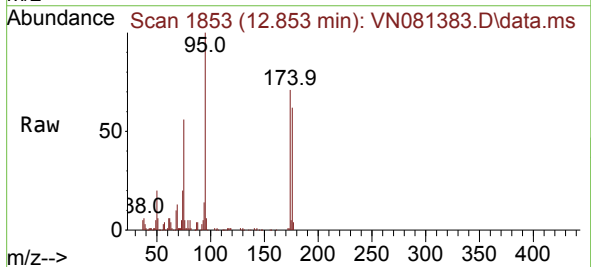
Instrument :
MSVOA_N
ClientSampleId :
1342

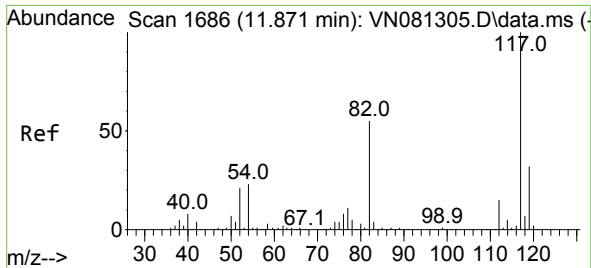
Tgt Ion: 98 Resp: 707459
Ion Ratio Lower Upper
98 100
100 64.5 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 47.275 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN081383.D
Acq: 12 Mar 2024 19:25

Tgt Ion: 95 Resp: 226399
Ion Ratio Lower Upper
95 100
174 70.9 0.0 120.4
176 67.0 0.0 121.0

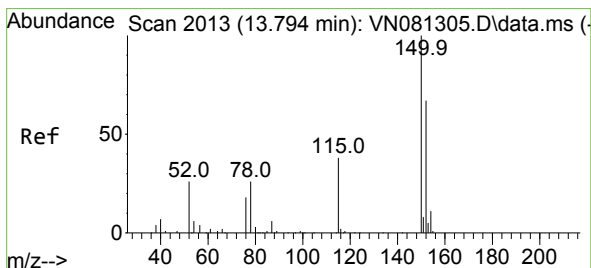
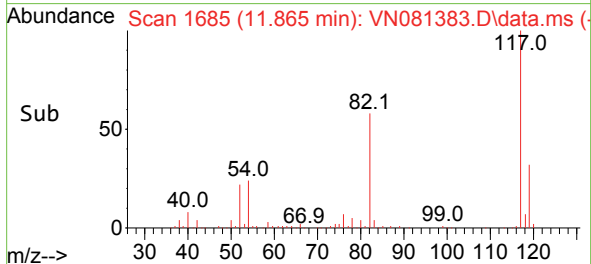
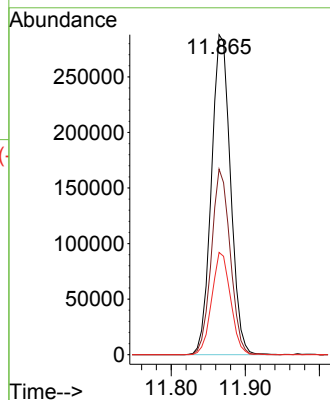
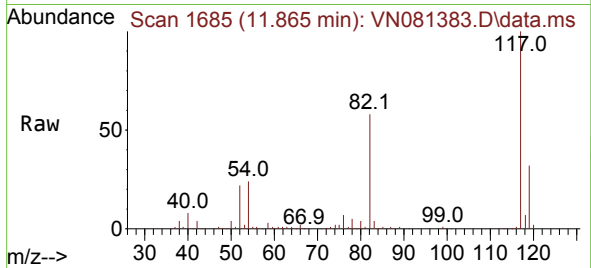




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.006 min
Lab File: VN081383.D
Acq: 12 Mar 2024 19:25

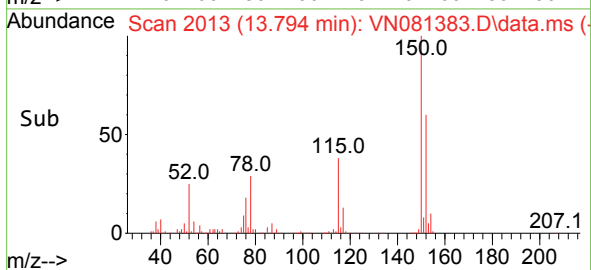
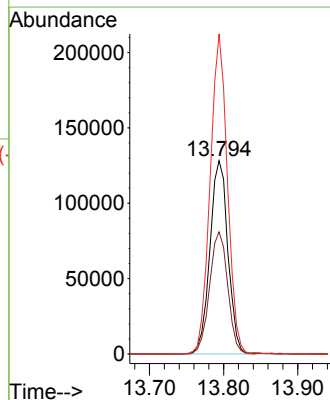
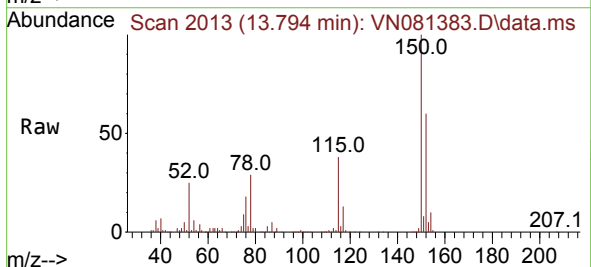
Instrument :
MSVOA_N
ClientSampleId :
1342

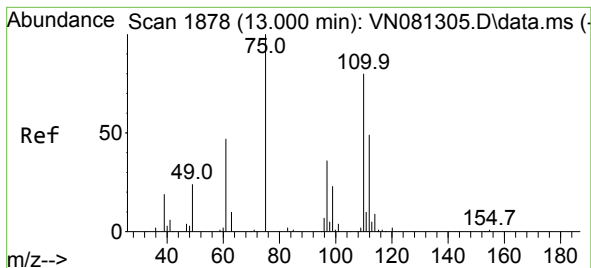
Tgt Ion:117 Resp: 515464
Ion Ratio Lower Upper
117 100
82 58.0 52.7 79.1
119 32.0 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN081383.D
Acq: 12 Mar 2024 19:25

Tgt Ion:152 Resp: 216414
Ion Ratio Lower Upper
152 100
115 63.6 32.3 96.8
150 158.6 0.0 339.8

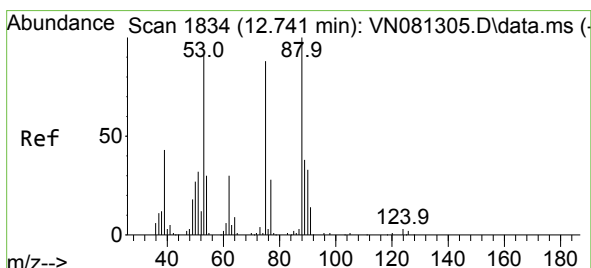
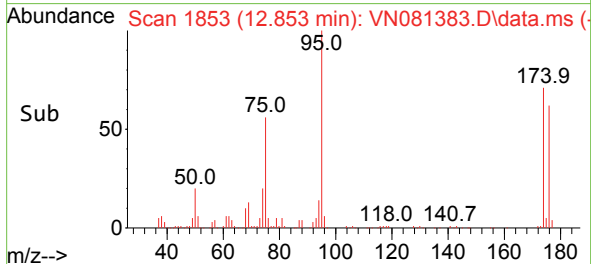
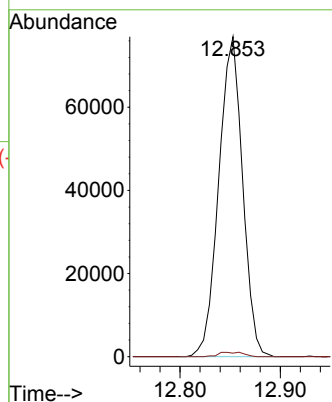
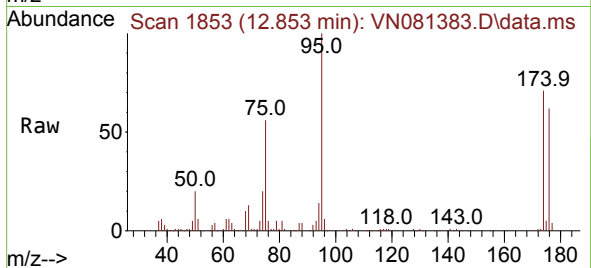




#76
1,2,3-Trichloropropane
Concen: 24.831 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.147 min
Lab File: VN081383.D
Acq: 12 Mar 2024 19:25

Instrument :
MSVOA_N
ClientSampleId :
1342

Tgt Ion: 75 Resp: 126928
Ion Ratio Lower Upper
75 100
77 1.5 91.0 272.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 69.299 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN081383.D
Acq: 12 Mar 2024 19:25

Tgt Ion: 75 Resp: 126928
Ion Ratio Lower Upper
75 100
53 0.2 71.4 107.2#
89 0.0 33.4 50.0#

