

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031224\
 Data File : VN081381.D
 Acq On : 12 Mar 2024 18:38
 Operator : JC\MD
 Sample : P1734-03 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 1340

Quant Time: Mar 13 04:56:08 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)

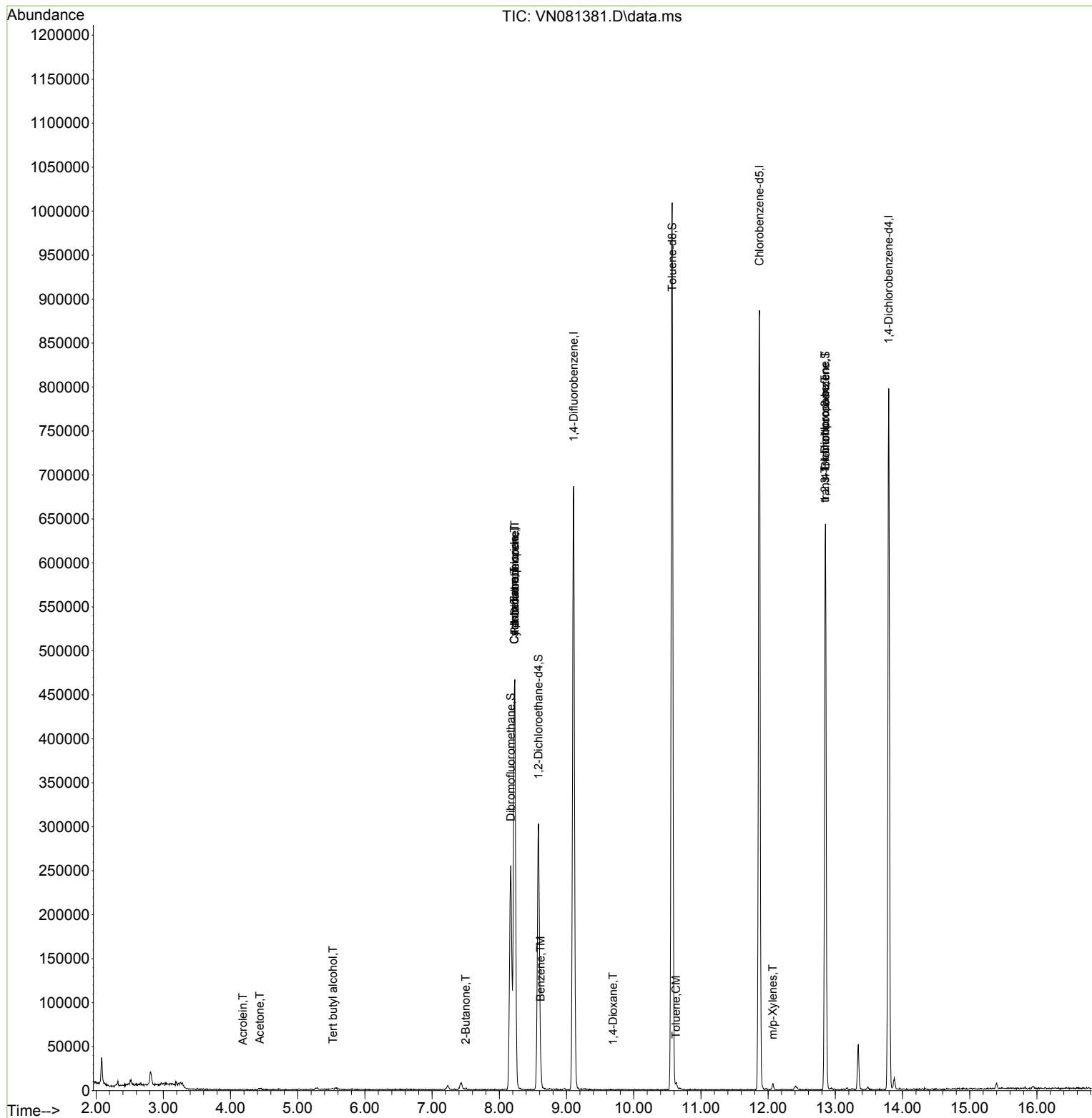
Internal Standards						
1) Pentafluorobenzene	8.230	168	315166	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	574080	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	506969	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	198214	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	234914	51.551	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.100%			
35) Dibromofluoromethane	8.171	113	181872	51.709	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.420%			
50) Toluene-d8	10.571	98	679977	51.717	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.440%			
62) 4-Bromofluorobenzene	12.853	95	217283	46.757	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 93.520%			
Target Compounds						Qvalue
11) Tert butyl alcohol	5.524	59	574	0.720	ug/l #	72
13) Acrolein	4.183	56	223	0.236	ug/l	98
16) Acetone	4.436	43	3442	2.132	ug/l	89
20) Methylene Chloride	5.289	84	1464	Below Cal	#	61
25) 2-Butanone	7.500	43	568	0.210	ug/l #	1
31) Cyclohexane	8.224	56	8595	1.246	ug/l #	12
36) 1,1-Dichloropropene	8.230	75	29691	5.233	ug/l #	43
38) Carbon Tetrachloride	8.224	117	38265	6.700	ug/l #	21
40) Benzene	8.612	78	15366	0.907	ug/l #	87
49) 1,4-Dioxane	9.694	88	99	1.047	ug/l #	18
52) Toluene	10.630	92	2823	0.276	ug/l	91
68) m/p-Xylenes	12.071	106	1808	0.250	ug/l	97
76) 1,2,3-Trichloropropane	12.847	75	123114	26.296	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	123114	73.389	ug/l #	14

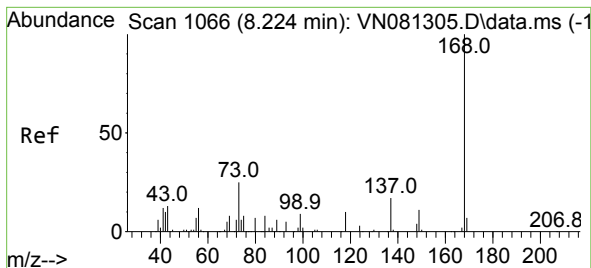
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Mar 06 03:12:57 2024
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN081381.D

Acq: 12 Mar 2024 18:38

Instrument :

MSVOA_N

ClientSampleId :

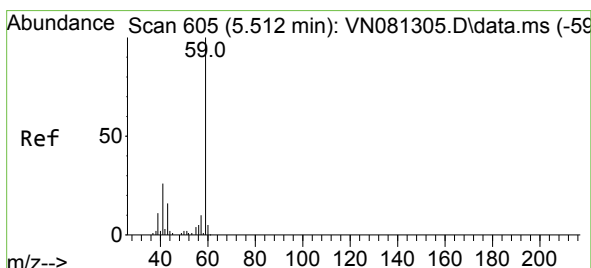
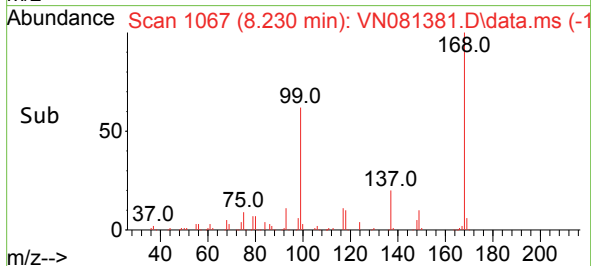
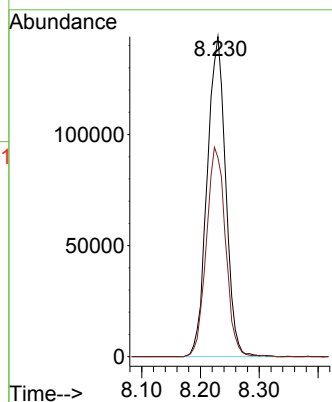
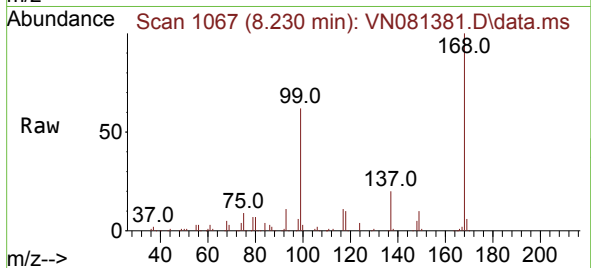
1340

Tgt Ion:168 Resp: 315166

Ion Ratio Lower Upper

168 100

99 62.2 59.9 89.9



#11

Tert butyl alcohol

Concen: 0.720 ug/l

RT: 5.524 min Scan# 607

Delta R.T. 0.012 min

Lab File: VN081381.D

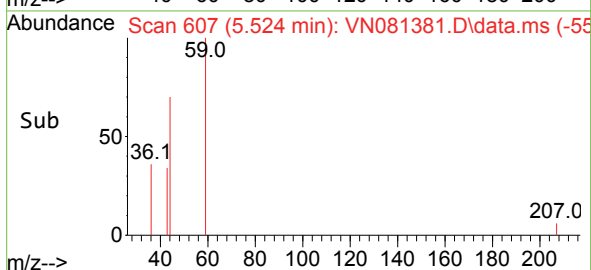
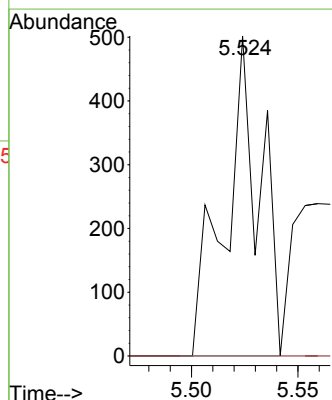
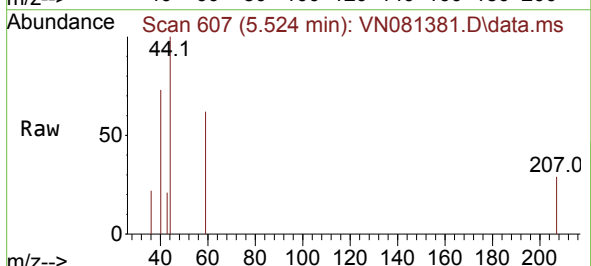
Acq: 12 Mar 2024 18:38

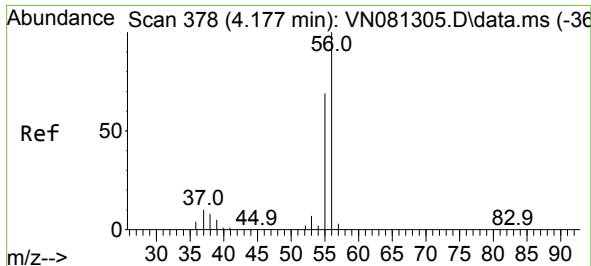
Tgt Ion: 59 Resp: 574

Ion Ratio Lower Upper

59 100

57 0.0 8.6 12.8#





#13

Acrolein

Concen: 0.236 ug/l

RT: 4.183 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN081381.D

Acq: 12 Mar 2024 18:38

Instrument :

MSVOA_N

ClientSampleId :

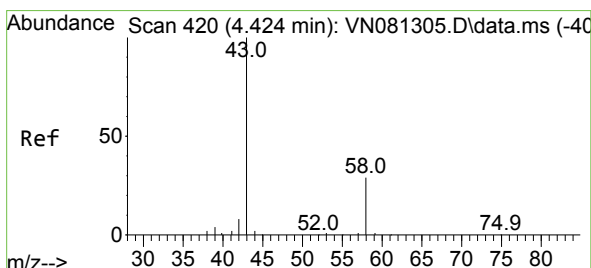
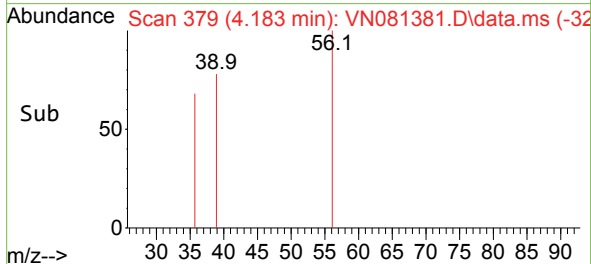
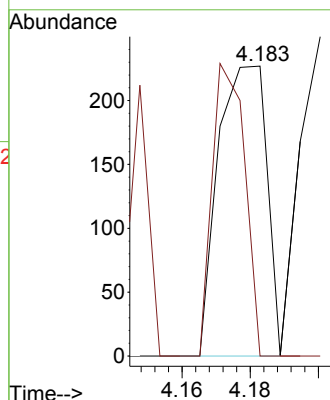
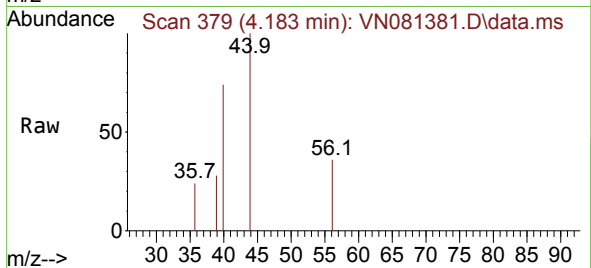
1340

Tgt Ion: 56 Resp: 223

Ion Ratio Lower Upper

56 100

55 67.7 55.3 82.9



#16

Acetone

Concen: 2.132 ug/l

RT: 4.436 min Scan# 422

Delta R.T. 0.012 min

Lab File: VN081381.D

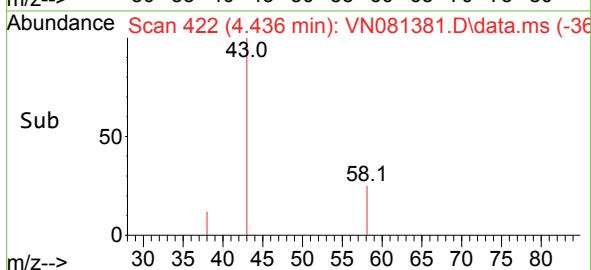
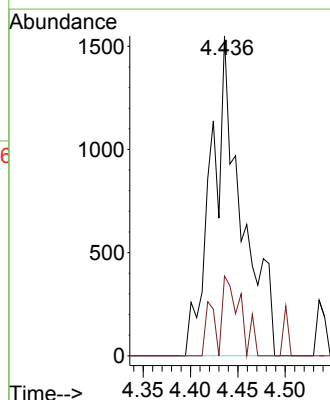
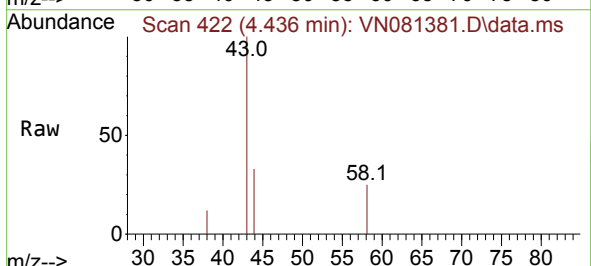
Acq: 12 Mar 2024 18:38

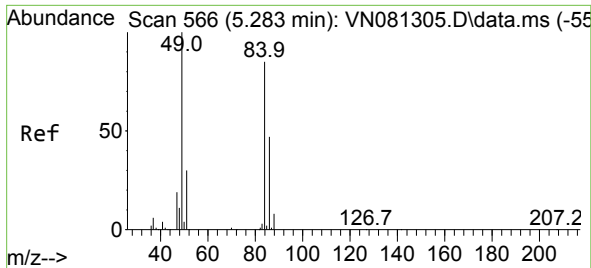
Tgt Ion: 43 Resp: 3442

Ion Ratio Lower Upper

43 100

58 25.0 24.8 37.2

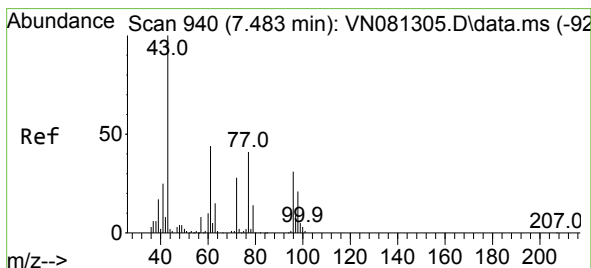
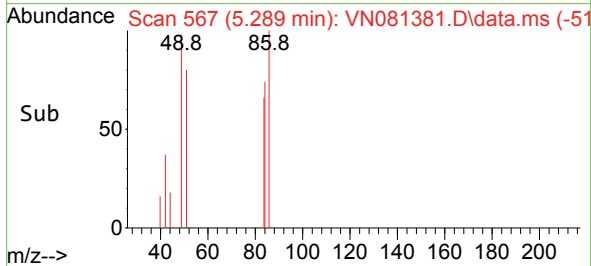
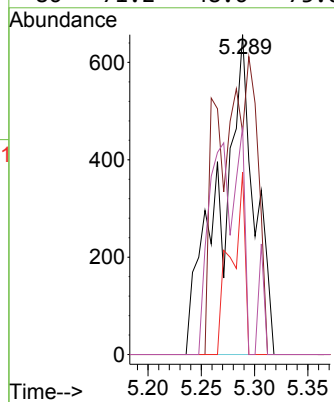
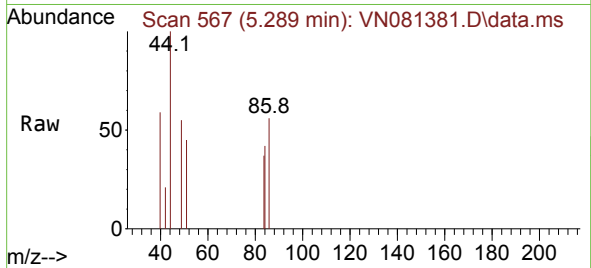




#20
Methylene Chloride
Concen: Below Cal
RT: 5.289 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN081381.D
Acq: 12 Mar 2024 18:38

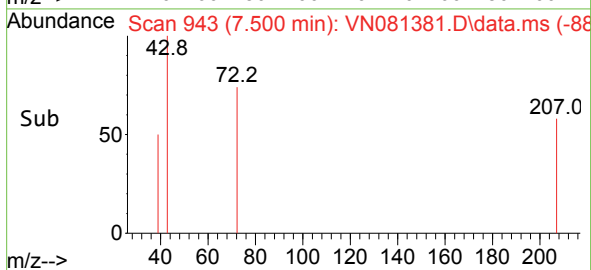
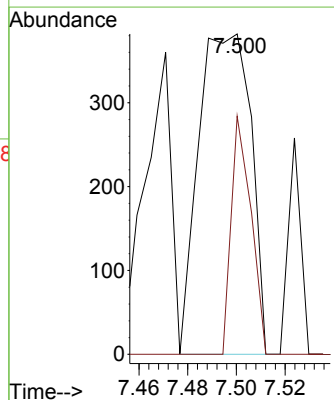
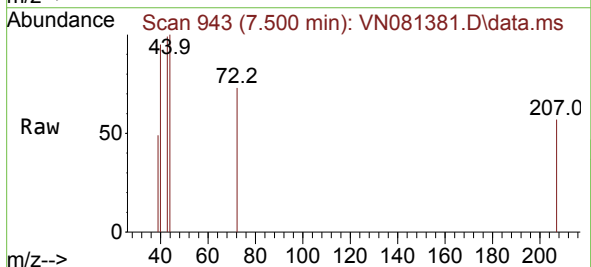
Instrument :
MSVOA_N
ClientSampleId :
1340

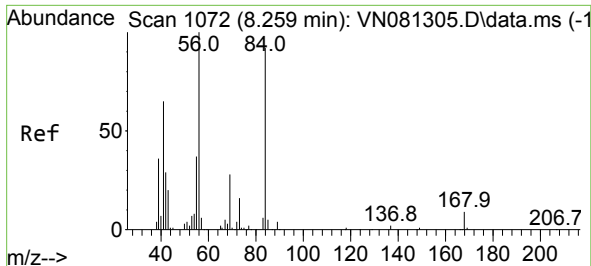
Tgt Ion:	84	Resp:	1464
Ion	Ratio	Lower	Upper
84	100		
49	69.6	108.1	162.1#
51	56.9	32.9	49.3#
86	71.2	48.6	73.0



#25
2-Butanone
Concen: 0.210 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.018 min
Lab File: VN081381.D
Acq: 12 Mar 2024 18:38

Tgt Ion:	43	Resp:	568
Ion	Ratio	Lower	Upper
43	100		
72	74.3	19.5	29.3#

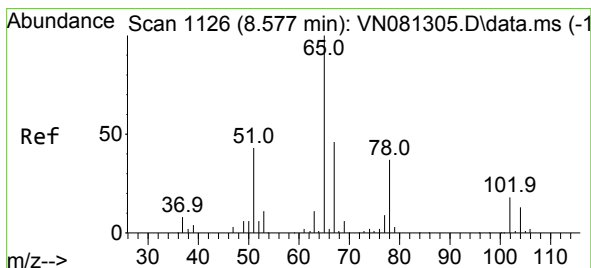
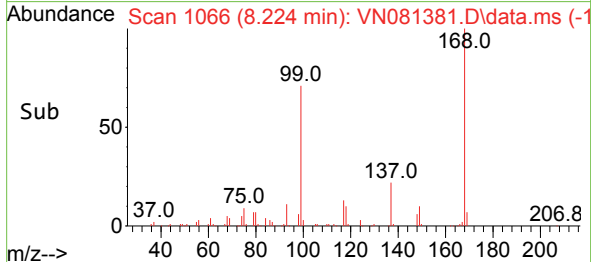
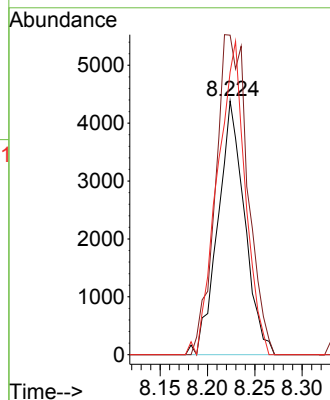
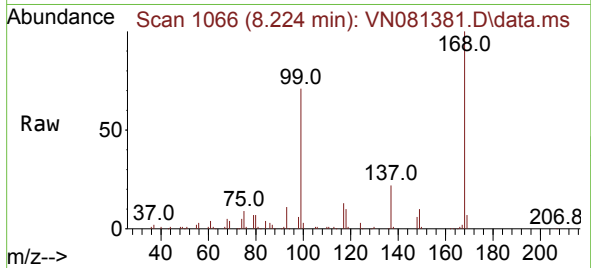




#31
Cyclohexane
Concen: 1.246 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN081381.D
Acq: 12 Mar 2024 18:38

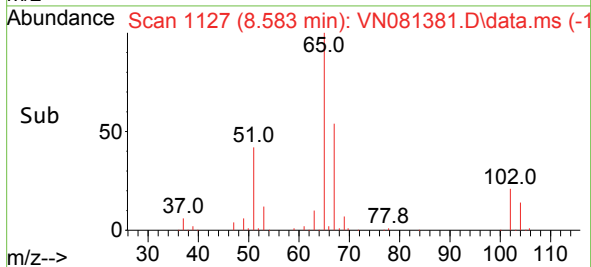
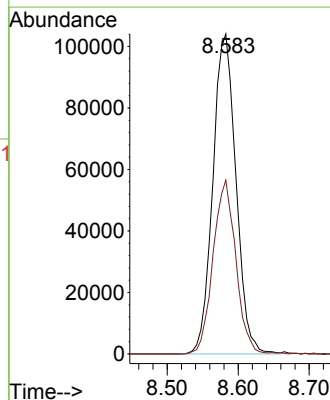
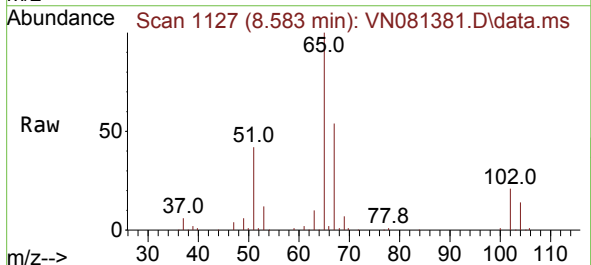
Instrument :
MSVOA_N
ClientSampleId :
1340

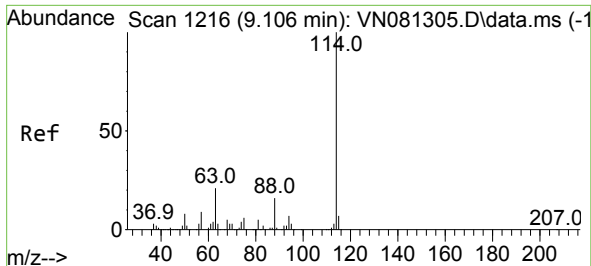
Tgt Ion: 56 Resp: 8595
Ion Ratio Lower Upper
56 100
69 125.9 20.1 30.1#
84 111.3 56.9 85.3#



#33
1,2-Dichloroethane-d4
Concen: 51.551 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN081381.D
Acq: 12 Mar 2024 18:38

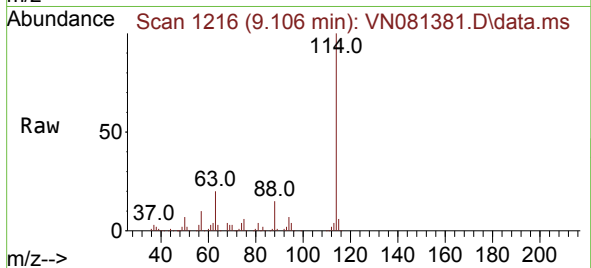
Tgt Ion: 65 Resp: 234914
Ion Ratio Lower Upper
65 100
67 53.5 0.0 102.4



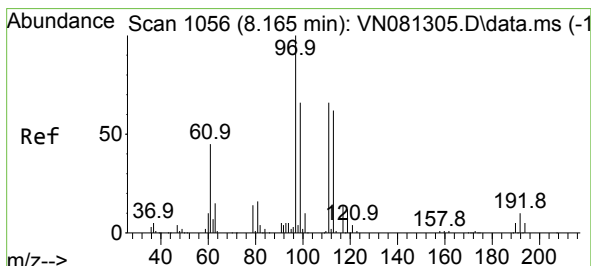
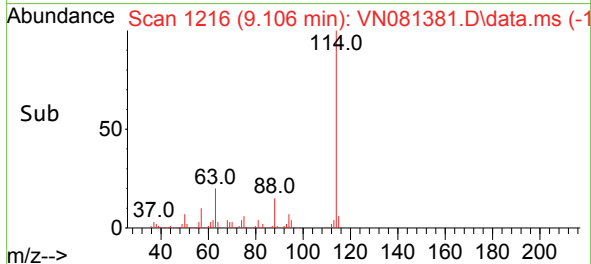
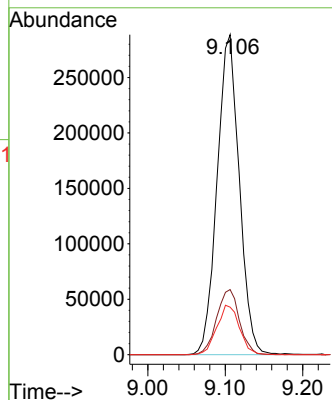


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11340
Delta R.T. 0.000 min
Lab File: VN081381.D
Acq: 12 Mar 2024 18:38

Instrument :
MSVOA_N
ClientSampleId :

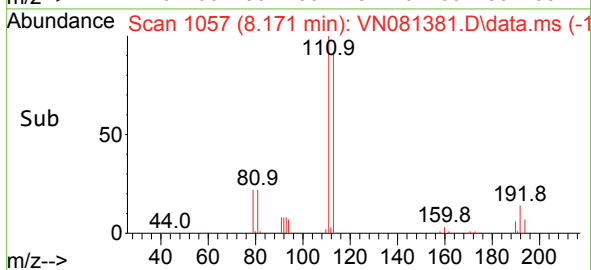
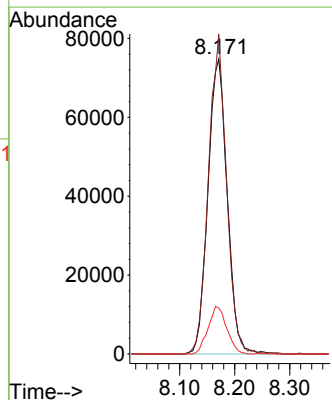
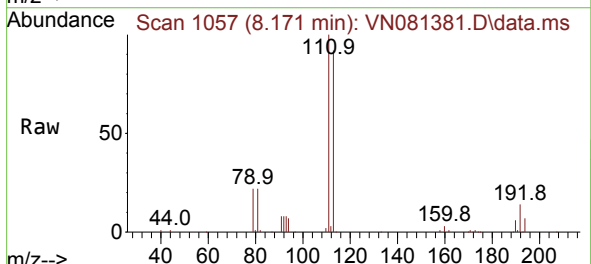


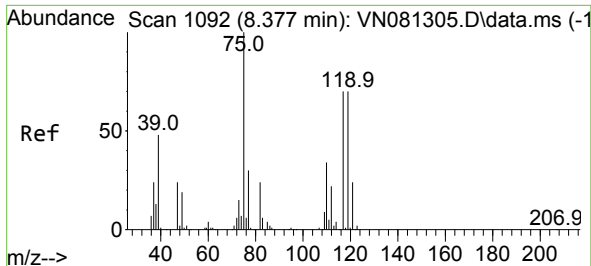
Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	48.0
88	14.8	0.0	34.8



#35
Dibromofluoromethane
Concen: 51.709 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN081381.D
Acq: 12 Mar 2024 18:38

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.8	82.2	123.4
192	15.6	12.5	18.7

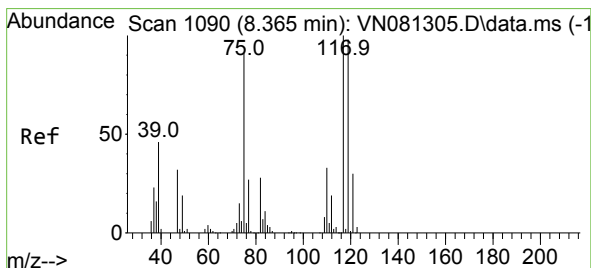
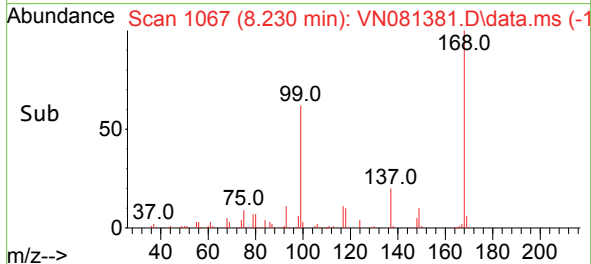
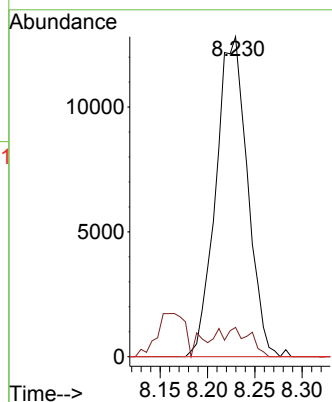
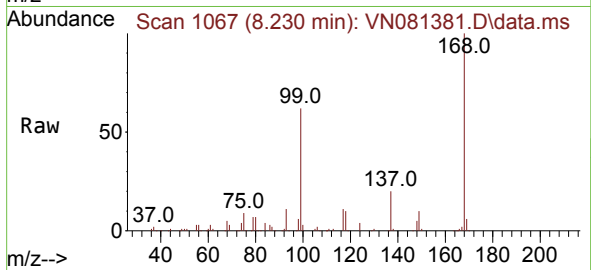




#36
1,1-Dichloropropene
Concen: 5.233 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.147 min
Lab File: VN081381.D
Acq: 12 Mar 2024 18:38

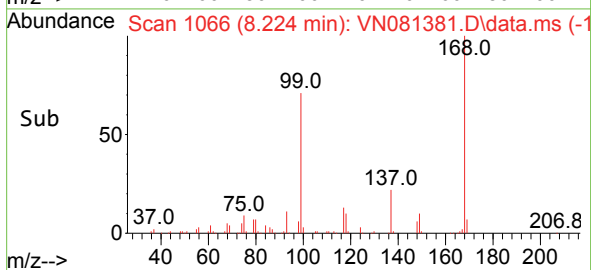
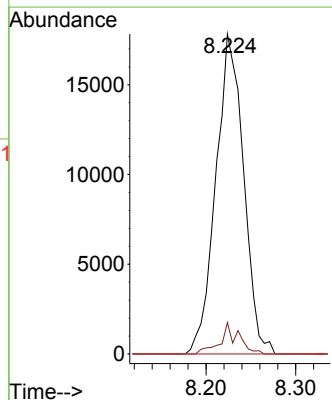
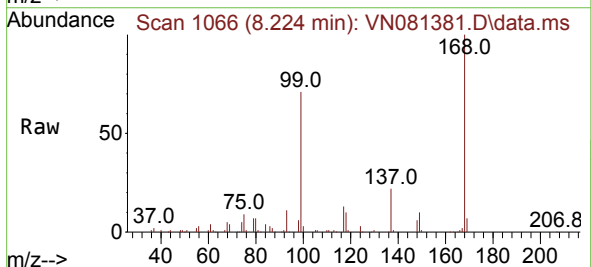
Instrument :
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1340

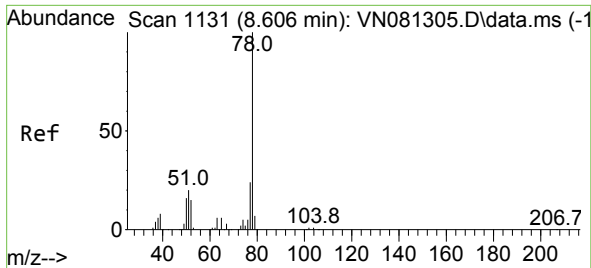
Tgt Ion: 75 Resp: 29691
Ion Ratio Lower Upper
75 100
110 1.0 16.0 48.0#
77 0.0 25.8 38.6#



#38
Carbon Tetrachloride
Concen: 6.700 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.141 min
Lab File: VN081381.D
Acq: 12 Mar 2024 18:38

Tgt Ion: 117 Resp: 38265
Ion Ratio Lower Upper
117 100
119 9.8 73.4 110.2#
121 0.0 24.4 36.6#

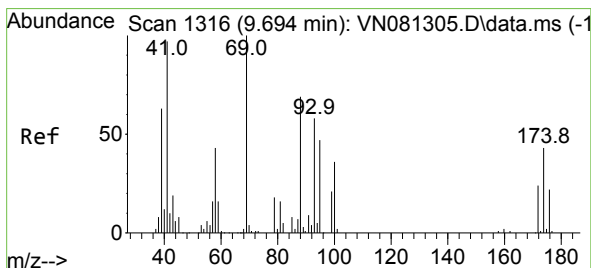
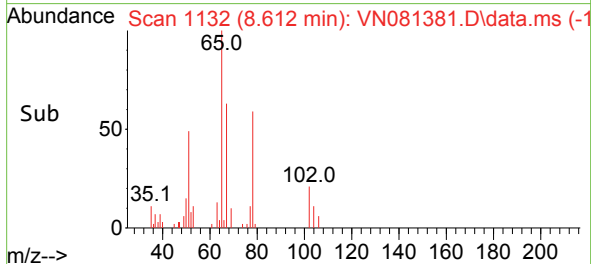
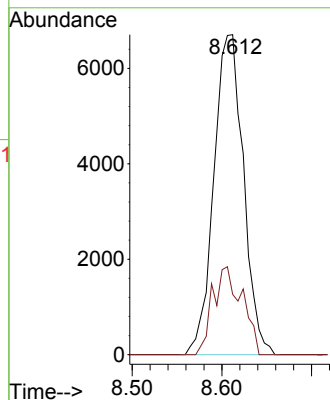
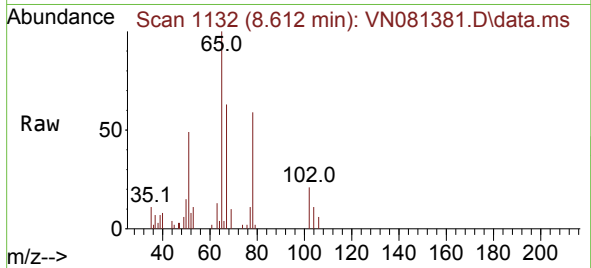




#40
Benzene
Concen: 0.907 ug/l
RT: 8.612 min Scan# 1131
Delta R.T. 0.006 min
Lab File: VN081381.D
Acq: 12 Mar 2024 18:38

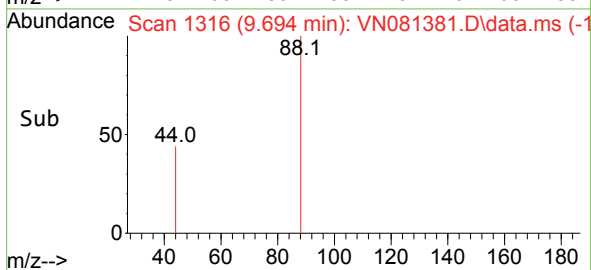
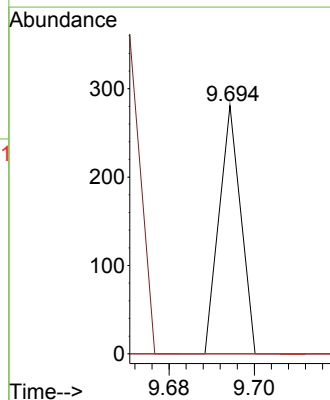
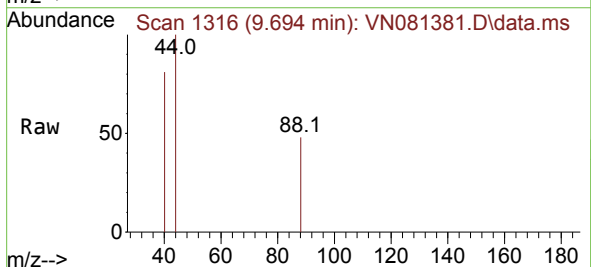
Instrument :
MSVOA_N
ClientSampleId :
1340

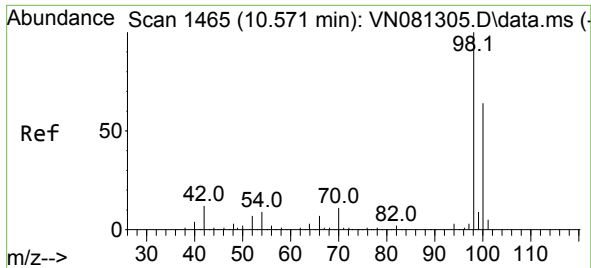
Tgt Ion: 78 Resp: 15366
Ion Ratio Lower Upper
78 100
77 18.9 20.4 30.6#



#49
1,4-Dioxane
Concen: 1.047 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VN081381.D
Acq: 12 Mar 2024 18:38

Tgt Ion: 88 Resp: 99
Ion Ratio Lower Upper
88 100
43 0.0 30.1 45.1#
58 0.0 63.9 95.9#

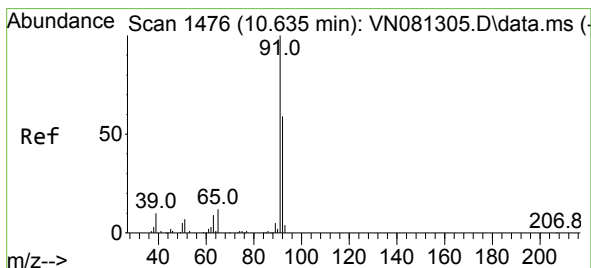
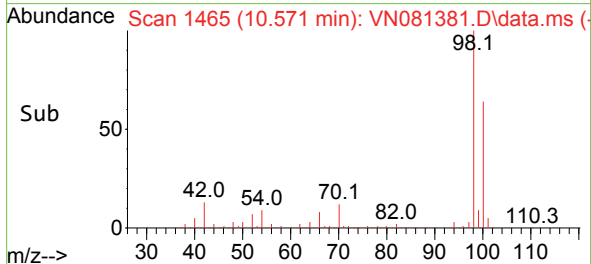
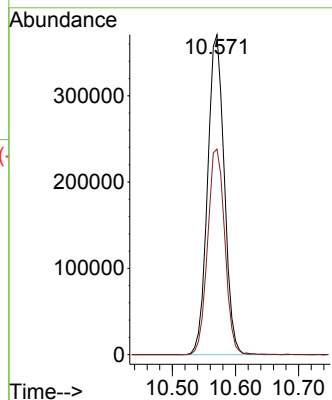
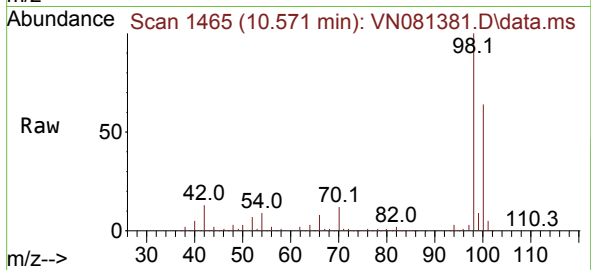




#50
Toluene-d8
Concen: 51.717 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN081381.D
Acq: 12 Mar 2024 18:38

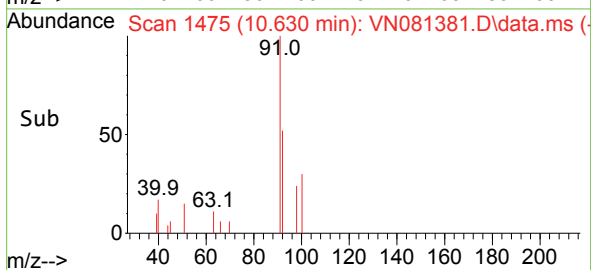
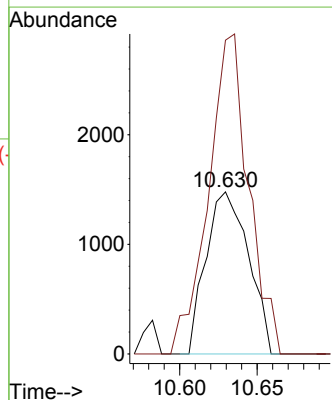
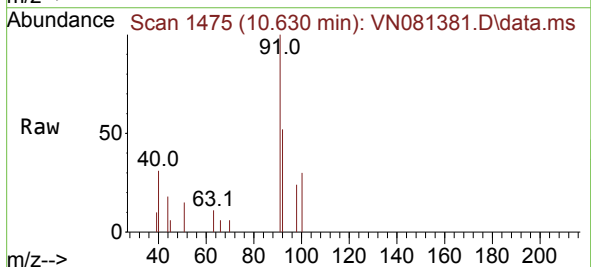
Instrument :
MSVOA_N
ClientSampleId :
1340

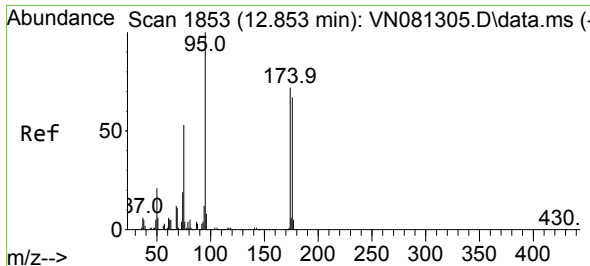
Tgt Ion: 98 Resp: 679977
Ion Ratio Lower Upper
98 100
100 66.1 51.4 77.0



#52
Toluene
Concen: 0.276 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN081381.D
Acq: 12 Mar 2024 18:38

Tgt Ion: 92 Resp: 2823
Ion Ratio Lower Upper
92 100
91 186.2 139.4 209.0

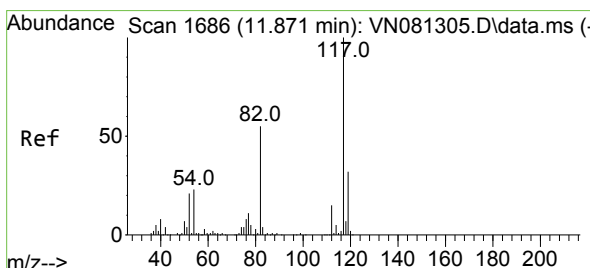
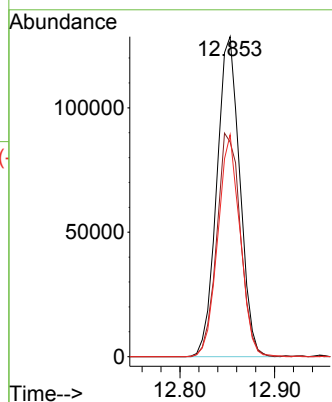
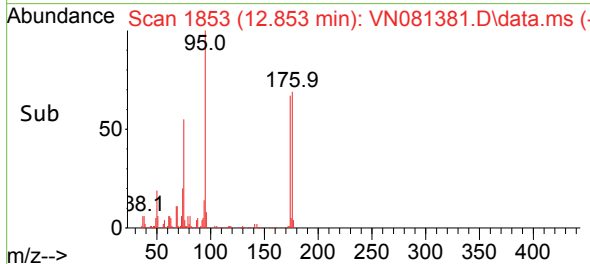
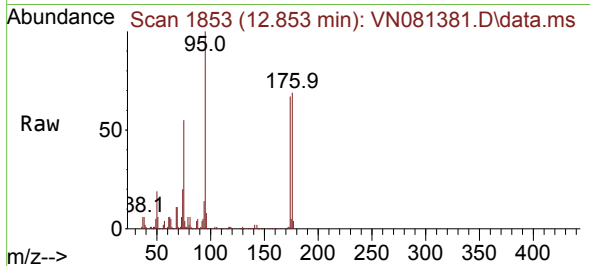




#62
4-Bromofluorobenzene
Concen: 46.757 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN081381.D
Acq: 12 Mar 2024 18:38

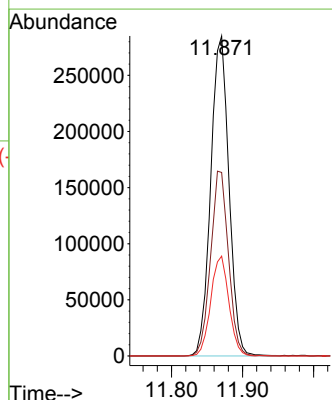
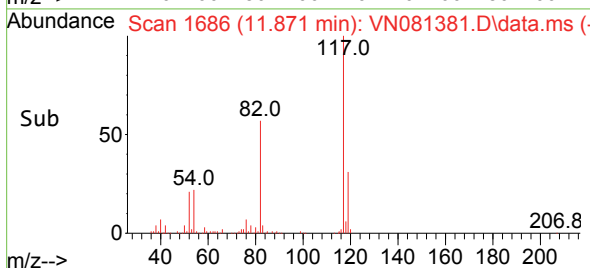
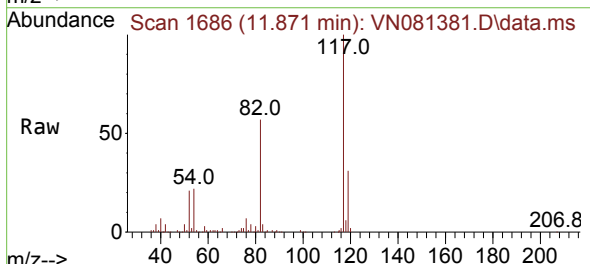
Instrument :
MSVOA_N
ClientSampleId :
1340

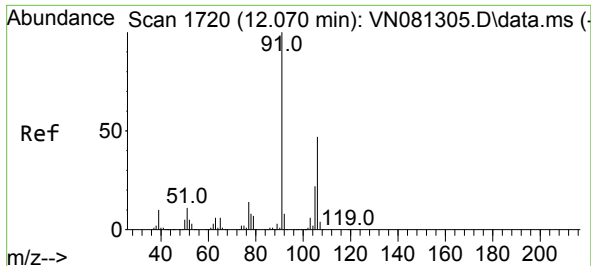
Tgt Ion: 95 Resp: 217283
Ion Ratio Lower Upper
95 100
174 71.8 0.0 120.4
176 67.0 0.0 121.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN081381.D
Acq: 12 Mar 2024 18:38

Tgt Ion: 117 Resp: 506969
Ion Ratio Lower Upper
117 100
82 57.4 52.7 79.1
119 31.2 25.3 37.9

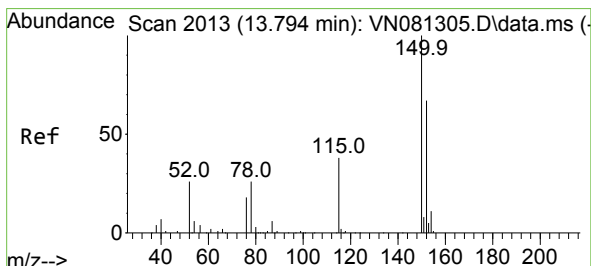
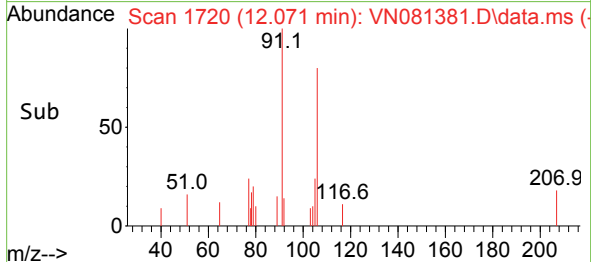
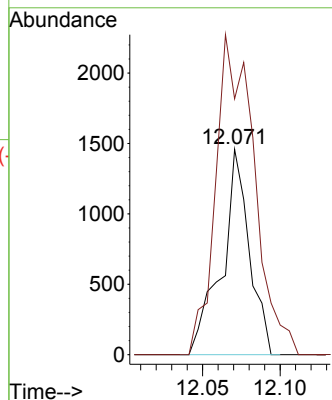
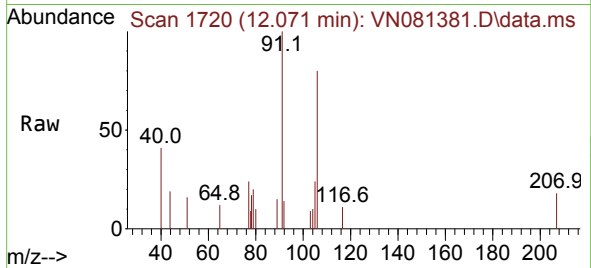




#68
m/p-Xylenes
Concen: 0.250 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN081381.D
Acq: 12 Mar 2024 18:38

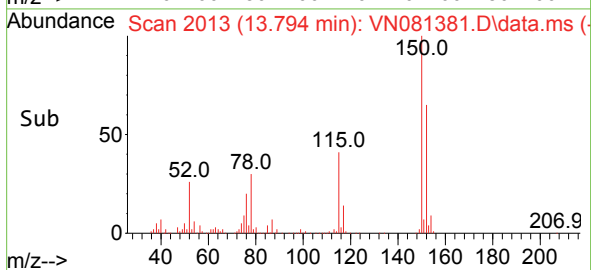
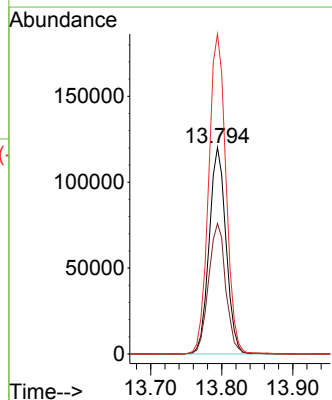
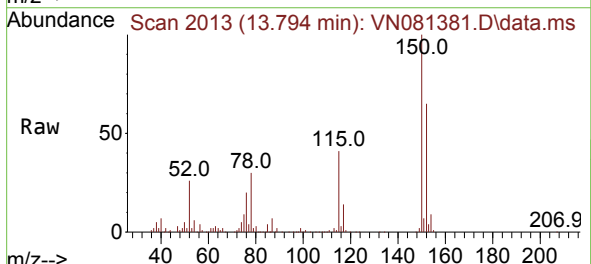
Instrument :
MSVOA_N
ClientSampleId :
1340

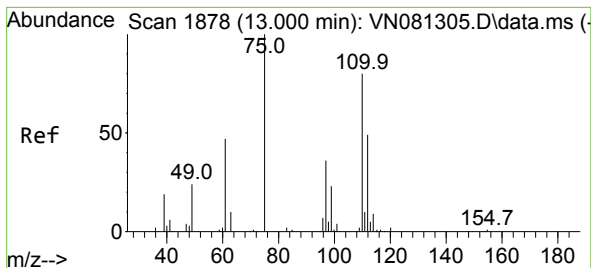
Tgt Ion:106 Resp: 1808
Ion Ratio Lower Upper
106 100
91 216.6 169.0 253.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN081381.D
Acq: 12 Mar 2024 18:38

Tgt Ion:152 Resp: 198214
Ion Ratio Lower Upper
152 100
115 64.7 32.3 96.8
150 159.2 0.0 339.8





#76

1,2,3-Trichloropropane

Concen: 26.296 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.153 min

Lab File: VN081381.D

Acq: 12 Mar 2024 18:38

Instrument :

MSVOA_N

ClientSampleId :

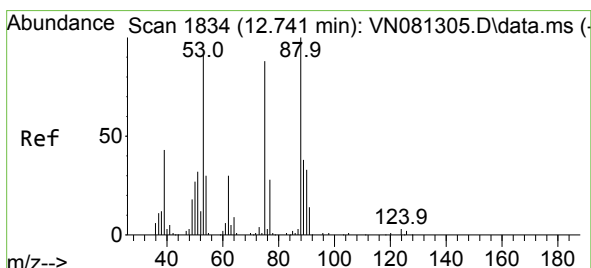
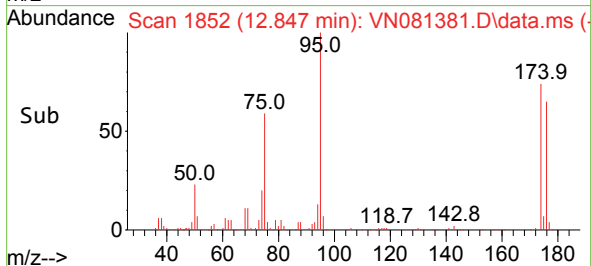
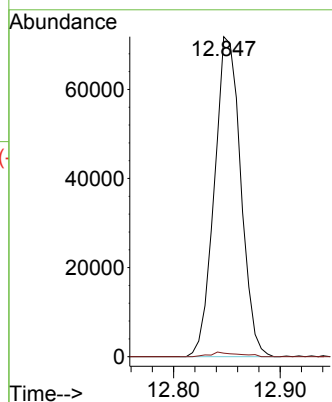
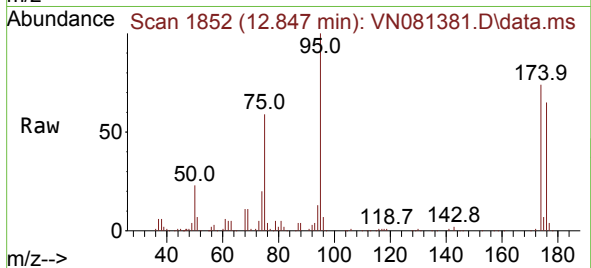
1340

Tgt Ion: 75 Resp: 123114

Ion Ratio Lower Upper

75 100

77 1.5 91.0 272.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 73.389 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.106 min

Lab File: VN081381.D

Acq: 12 Mar 2024 18:38

Tgt Ion: 75 Resp: 123114

Ion Ratio Lower Upper

75 100

53 0.0 71.4 107.2#

89 0.0 33.4 50.0#

