

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030824\
 Data File : VN081348.D
 Acq On : 08 Mar 2024 16:05
 Operator : JC\MD
 Sample : P1724-04 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 380

Quant Time: Mar 09 00:58:49 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)

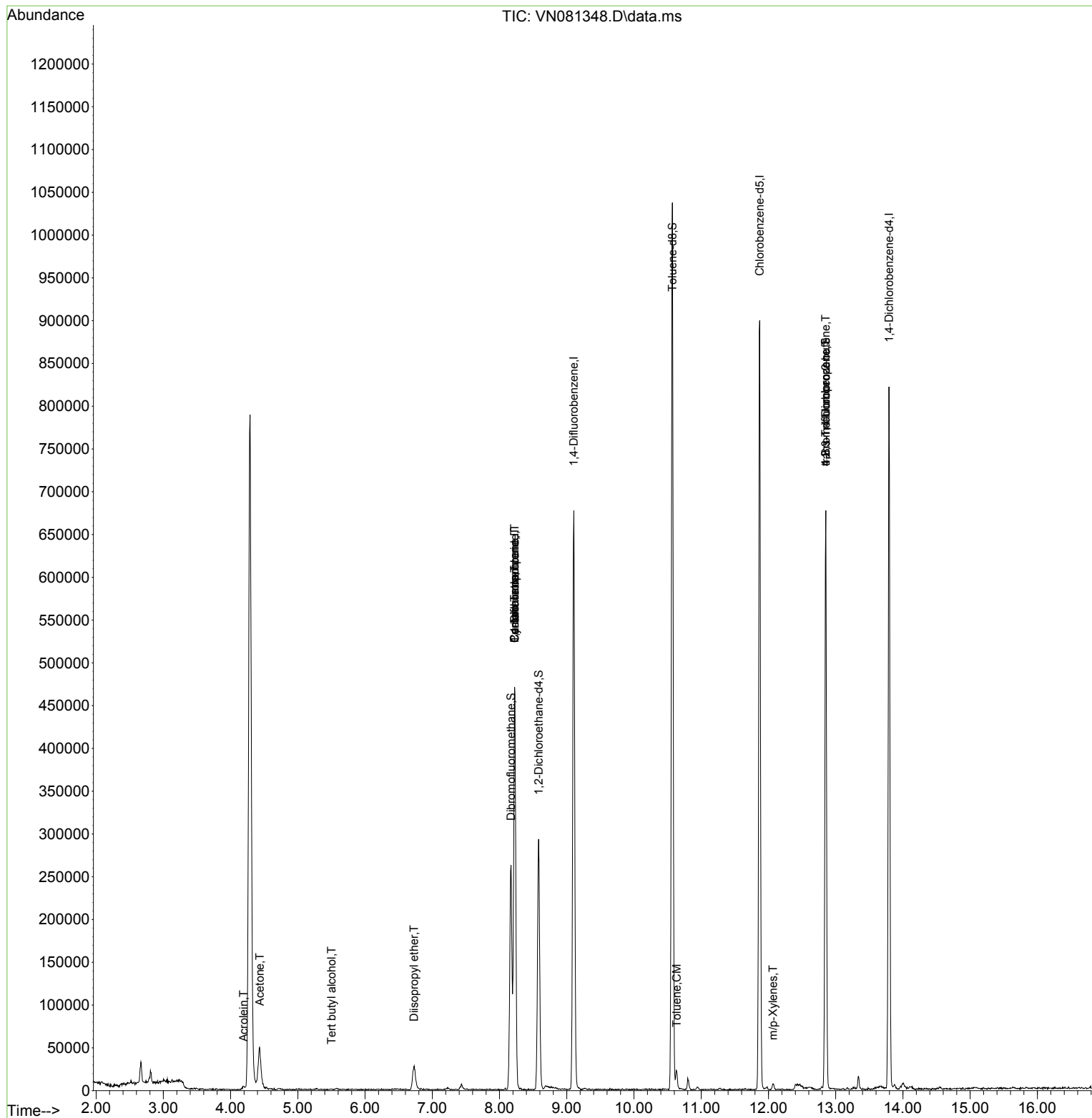
Internal Standards						
1) Pentafluorobenzene	8.224	168	315633	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	578653	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	511253	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	205505	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	235139	51.524	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.040%			
35) Dibromofluoromethane	8.171	113	185744	52.393	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.780%			
50) Toluene-d8	10.571	98	694900	52.434	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.860%			
62) 4-Bromofluorobenzene	12.853	95	224339	47.894	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 95.780%			
Target Compounds						Qvalue
11) Tert butyl alcohol	5.500	59	267	0.335	ug/l #	72
13) Acrolein	4.195	56	5070	5.365	ug/l	88
16) Acetone	4.436	43	82271	50.881	ug/l	94
20) Methylene Chloride	5.283	84	526	Below Cal	#	50
22) Diisopropyl ether	6.730	45	2497	0.206	ug/l #	1
31) Cyclohexane	8.224	56	9550	1.382	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	29430	5.146	ug/l #	52
38) Carbon Tetrachloride	8.224	117	35704	6.203	ug/l #	20
52) Toluene	10.635	92	8142	0.789	ug/l	94
68) m/p-Xylenes	12.070	106	2504	0.343	ug/l	81
76) 1,2,3-Trichloropropane	12.853	75	125846	25.926	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	125846	72.356	ug/l #	14

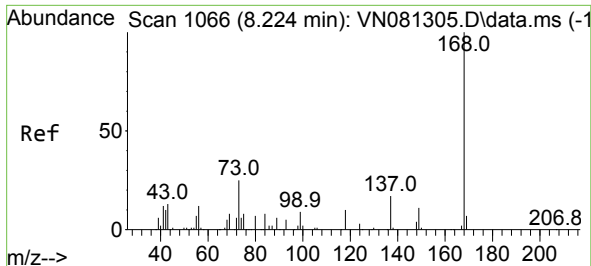
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030824\
Data File : VN081348.D
Acq On : 08 Mar 2024 16:05
Operator : JC\MD
Sample : P1724-04 50X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
380

Quant Time: Mar 09 00:58:49 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

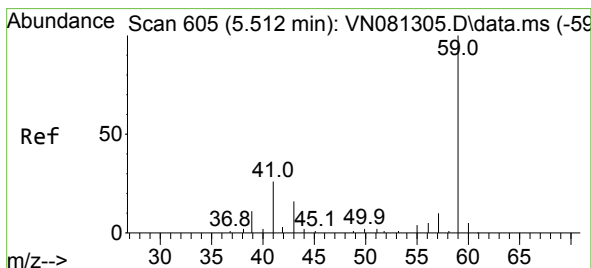
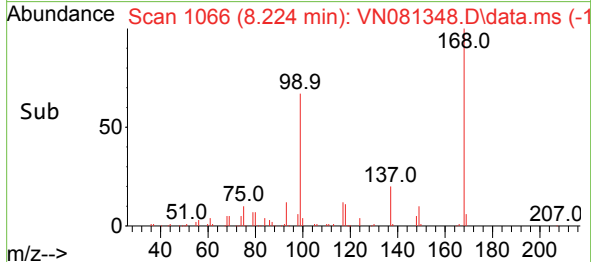
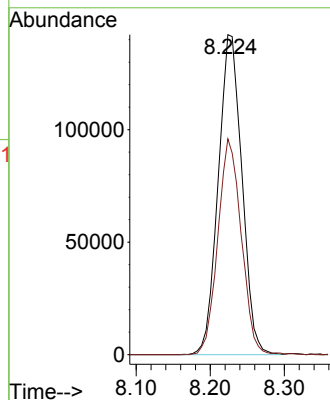
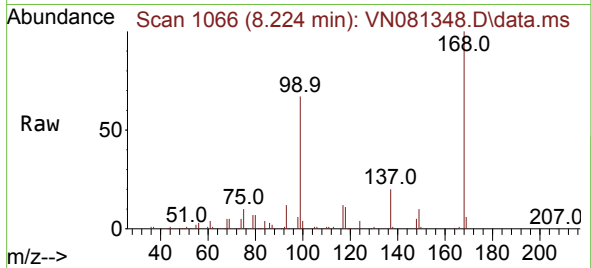




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081348.D
Acq: 08 Mar 2024 16:05

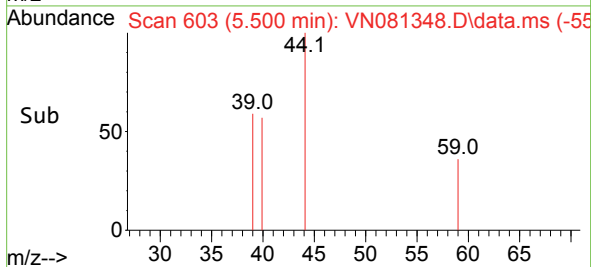
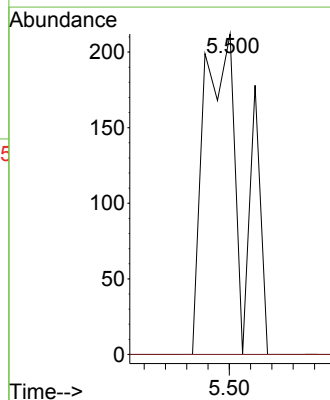
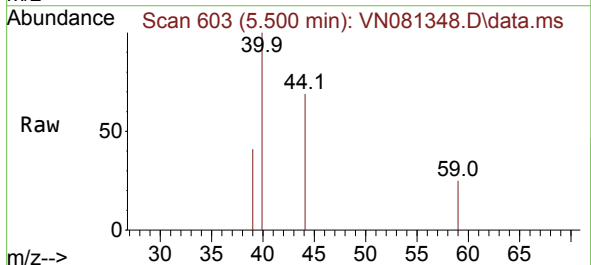
Instrument :
MSVOA_N
ClientSampleId :
380

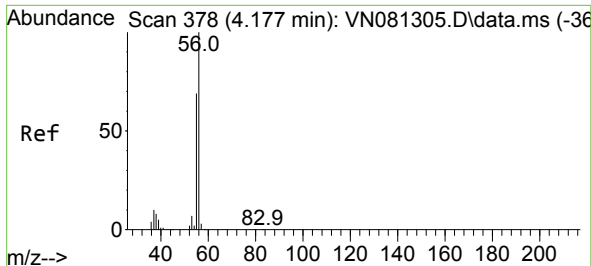
Tgt Ion:168 Resp: 315633
Ion Ratio Lower Upper
168 100
99 67.5 59.9 89.9



#11
Tert butyl alcohol
Concen: 0.335 ug/l
RT: 5.500 min Scan# 603
Delta R.T. -0.012 min
Lab File: VN081348.D
Acq: 08 Mar 2024 16:05

Tgt Ion: 59 Resp: 267
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#





#13

Acrolein

Concen: 5.365 ug/l

RT: 4.195 min Scan# 381

Delta R.T. 0.018 min

Lab File: VN081348.D

Acq: 08 Mar 2024 16:05

Instrument :

MSVOA_N

ClientSampleId :

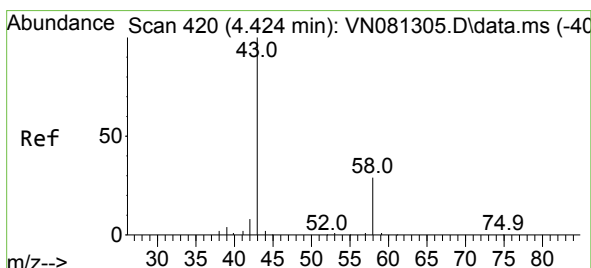
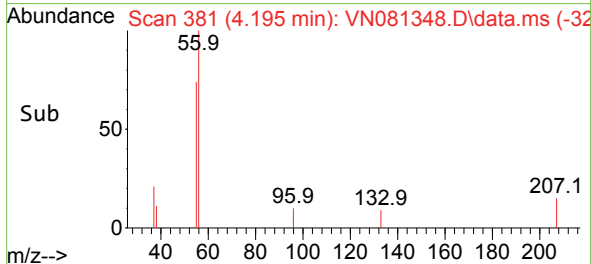
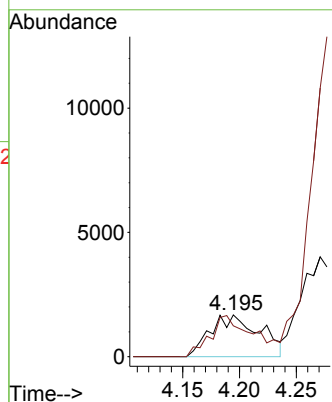
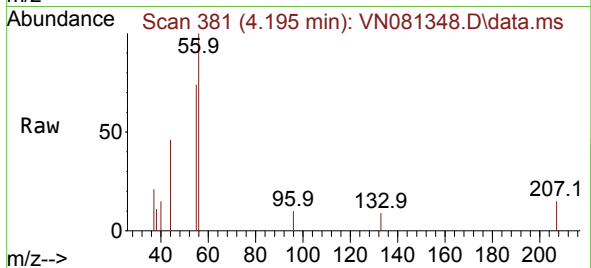
380

Tgt Ion: 56 Resp: 5070

Ion Ratio Lower Upper

56 100

55 79.2 55.3 82.9



#16

Acetone

Concen: 50.881 ug/l

RT: 4.436 min Scan# 422

Delta R.T. 0.012 min

Lab File: VN081348.D

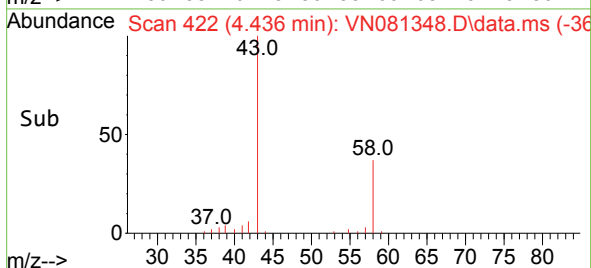
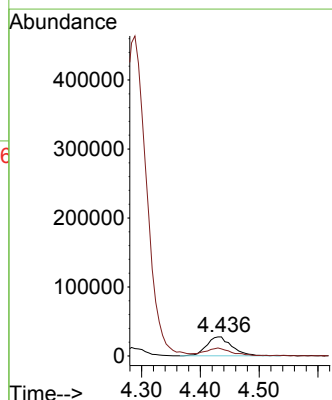
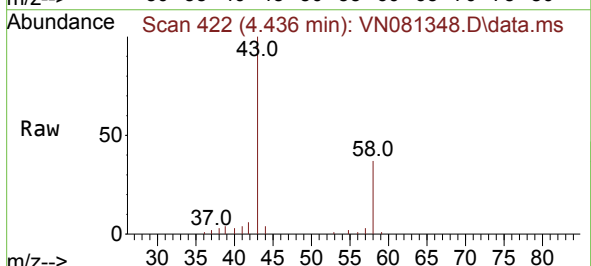
Acq: 08 Mar 2024 16:05

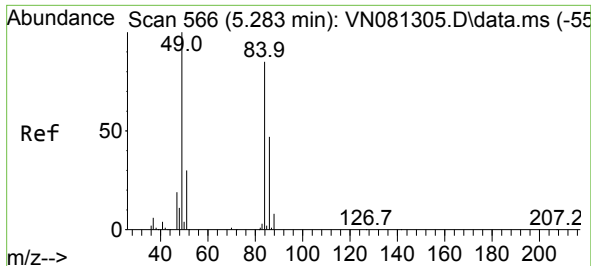
Tgt Ion: 43 Resp: 82271

Ion Ratio Lower Upper

43 100

58 34.5 24.8 37.2

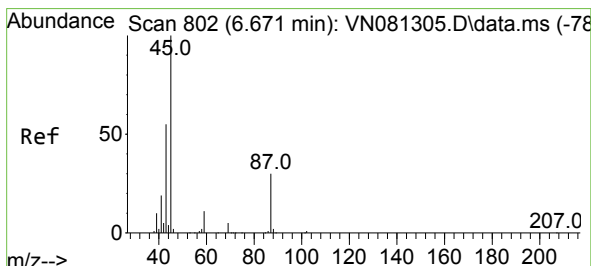
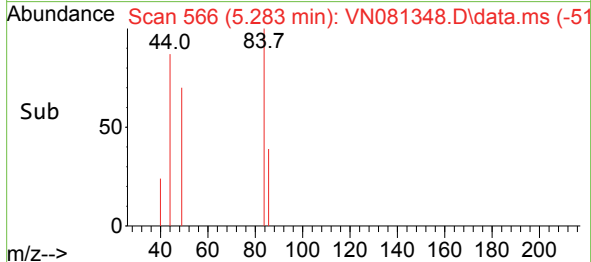
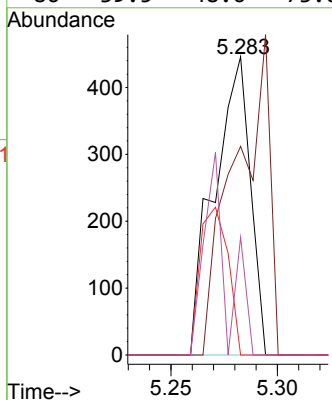
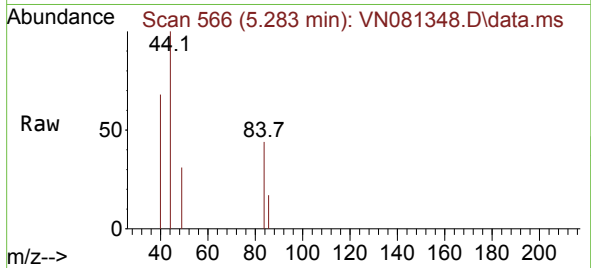




#20
Methylene Chloride
Concen: Below Cal
RT: 5.283 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN081348.D
Acq: 08 Mar 2024 16:05

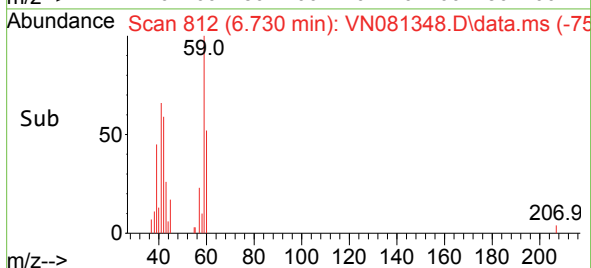
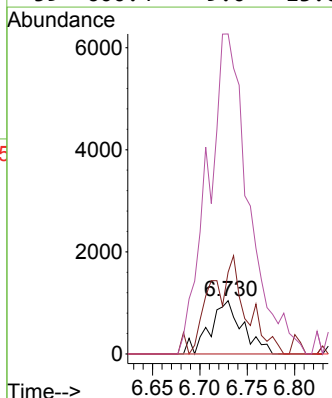
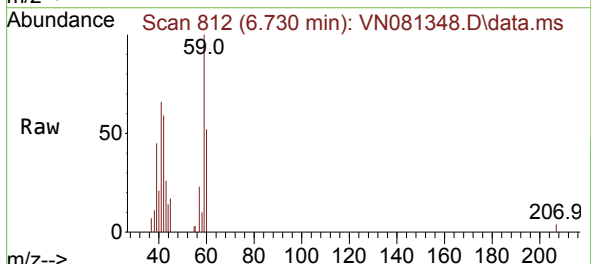
Instrument :
MSVOA_N
ClientSampleId :
380

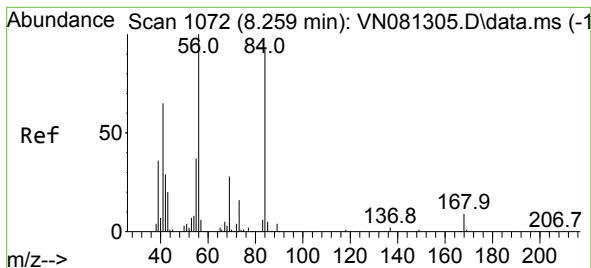
Tgt Ion:	84	Resp:	526
Ion	Ratio	Lower	Upper
84	100		
49	70.0	108.1	162.1#
51	0.0	32.9	49.3#
86	39.5	48.6	73.0#



#22
Diisopropyl ether
Concen: 0.206 ug/l
RT: 6.730 min Scan# 812
Delta R.T. 0.059 min
Lab File: VN081348.D
Acq: 08 Mar 2024 16:05

Tgt Ion:	45	Resp:	2497
Ion	Ratio	Lower	Upper
45	100		
43	136.7	41.8	62.8#
87	0.0	18.1	27.1#
59	600.4	9.0	13.6#





#31

Cyclohexane

Concen: 1.382 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.035 min

Lab File: VN081348.D

Acq: 08 Mar 2024 16:05

Instrument :

MSVOA_N

ClientSampleId :

380

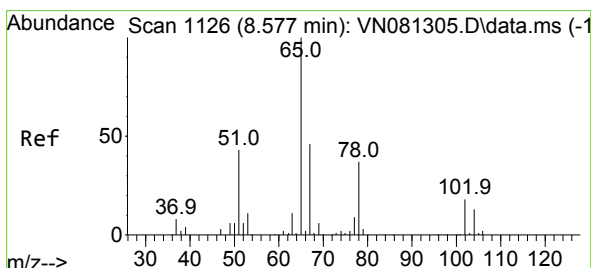
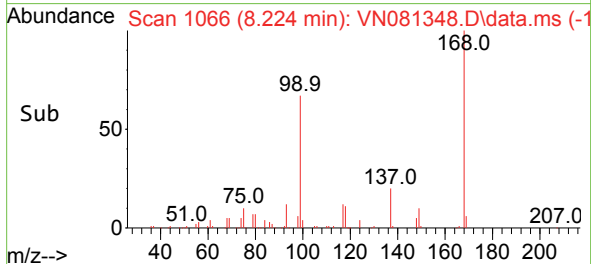
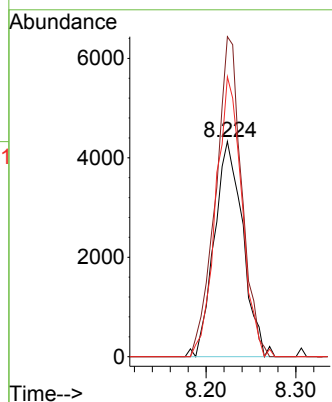
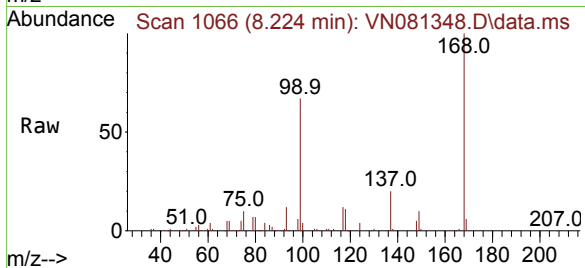
Tgt Ion: 56 Resp: 9550

Ion Ratio Lower Upper

56 100

69 148.7 20.1 30.1#

84 130.1 56.9 85.3#



#33

1,2-Dichloroethane-d4

Concen: 51.524 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN081348.D

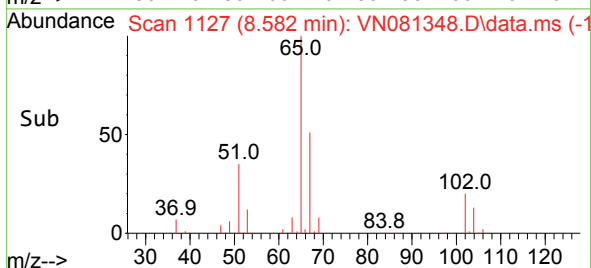
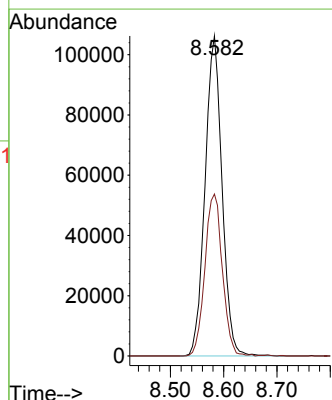
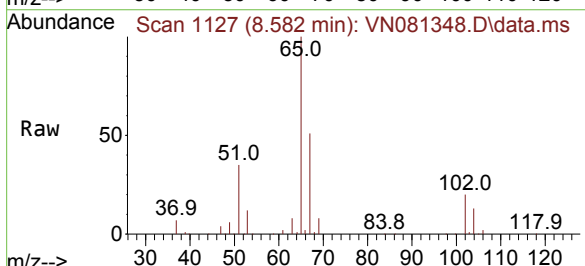
Acq: 08 Mar 2024 16:05

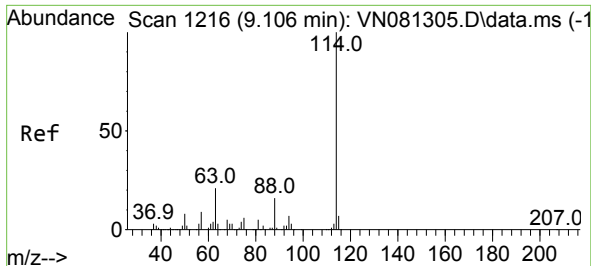
Tgt Ion: 65 Resp: 235139

Ion Ratio Lower Upper

65 100

67 52.1 0.0 102.4

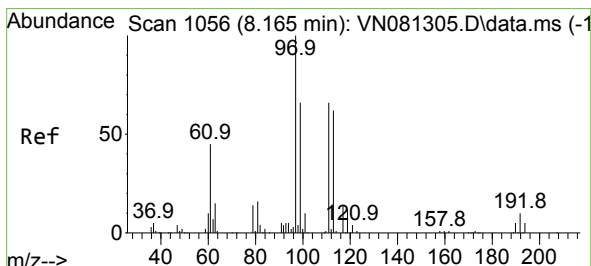
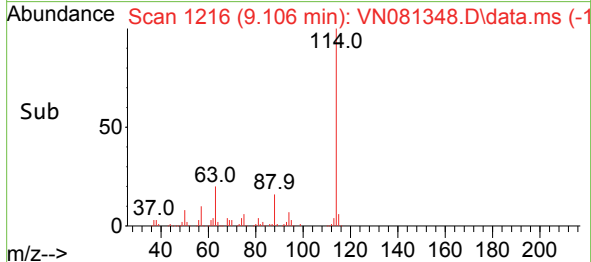
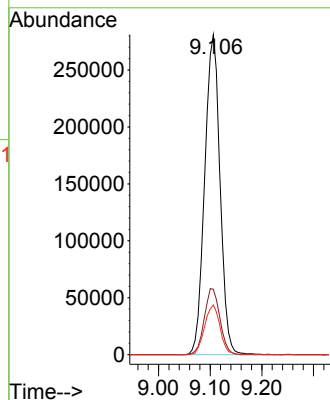
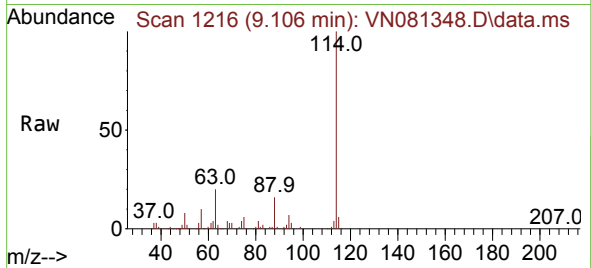




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN081348.D
Acq: 08 Mar 2024 16:05

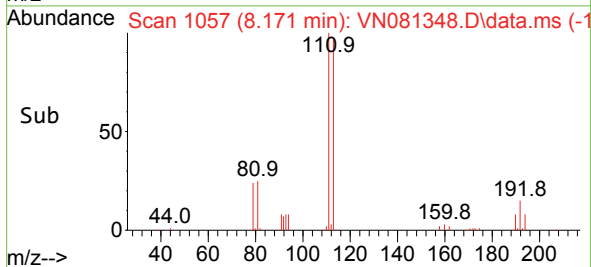
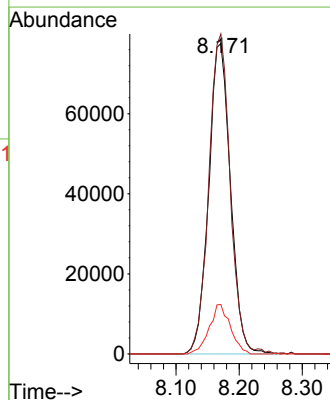
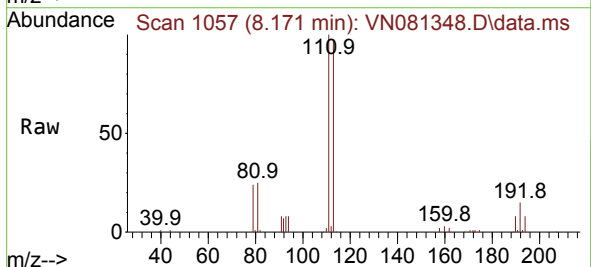
Instrument :
MSVOA_N
ClientSampleId :
380

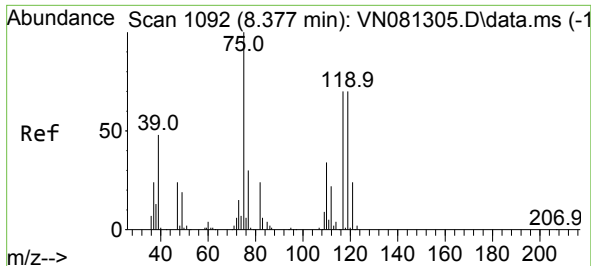
Tgt Ion:114 Resp: 578653
Ion Ratio Lower Upper
114 100
63 20.5 0.0 48.0
88 15.5 0.0 34.8



#35
Dibromofluoromethane
Concen: 52.393 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN081348.D
Acq: 08 Mar 2024 16:05

Tgt Ion:113 Resp: 185744
Ion Ratio Lower Upper
113 100
111 101.4 82.2 123.4
192 15.4 12.5 18.7

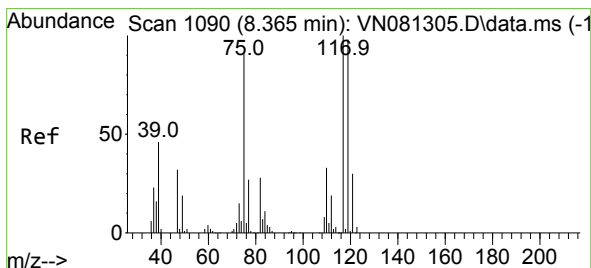
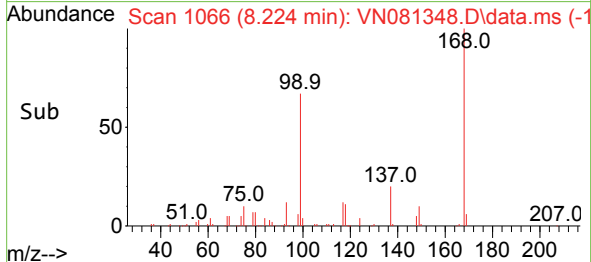
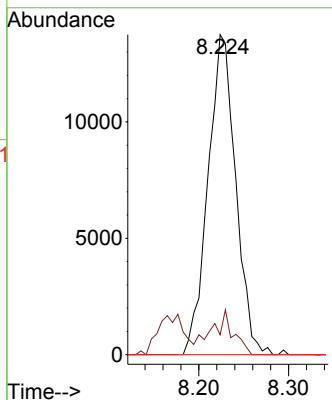
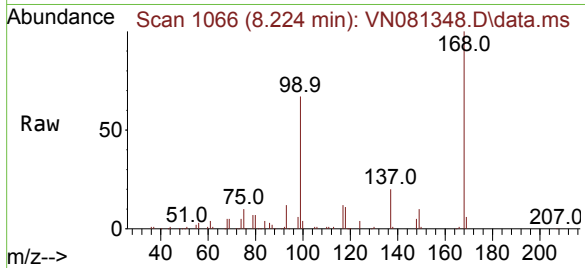




#36
1,1-Dichloropropene
Concen: 5.146 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.153 min
Lab File: VN081348.D
Acq: 08 Mar 2024 16:05

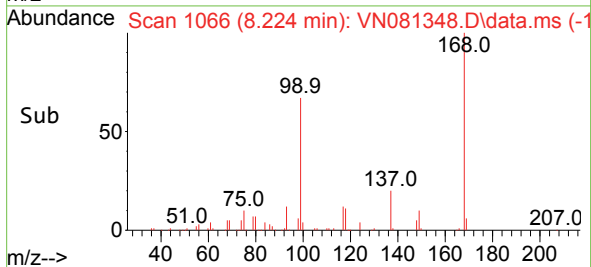
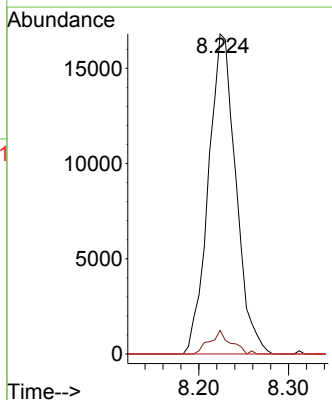
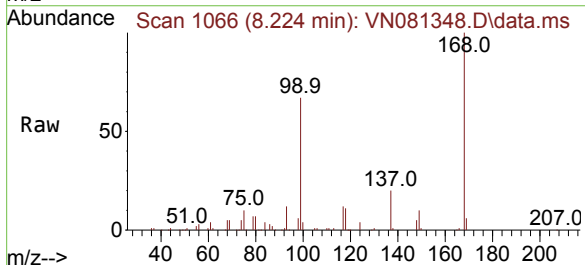
Instrument :
MSVOA_N
ClientSampleId :
380

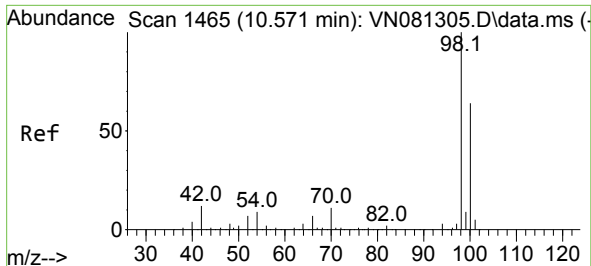
Tgt Ion: 75 Resp: 29430
Ion Ratio Lower Upper
75 100
110 11.1 16.0 48.0#
77 0.0 25.8 38.6#



#38
Carbon Tetrachloride
Concen: 6.203 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.141 min
Lab File: VN081348.D
Acq: 08 Mar 2024 16:05

Tgt Ion: 117 Resp: 35704
Ion Ratio Lower Upper
117 100
119 7.3 73.4 110.2#
121 0.0 24.4 36.6#

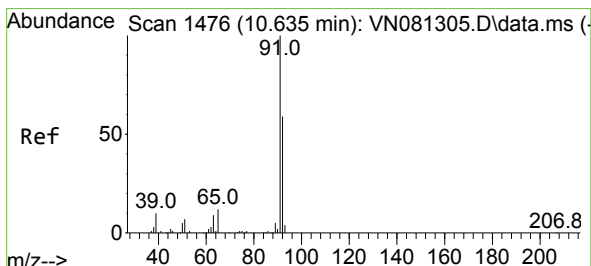
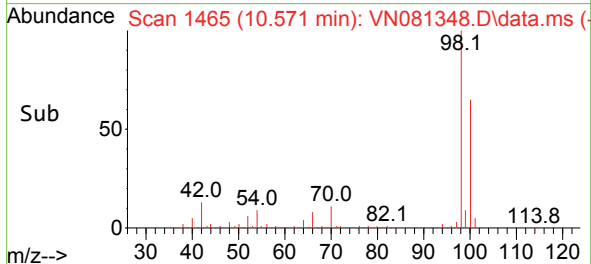
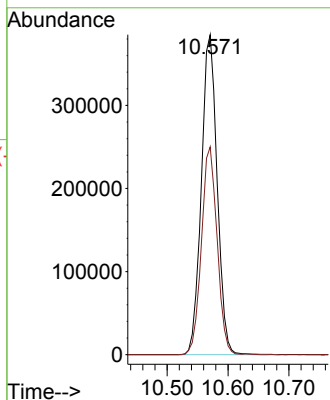
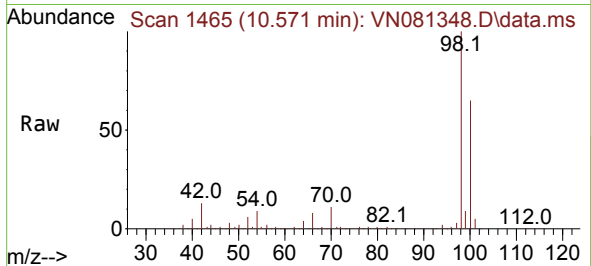




#50
Toluene-d8
Concen: 52.434 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN081348.D
Acq: 08 Mar 2024 16:05

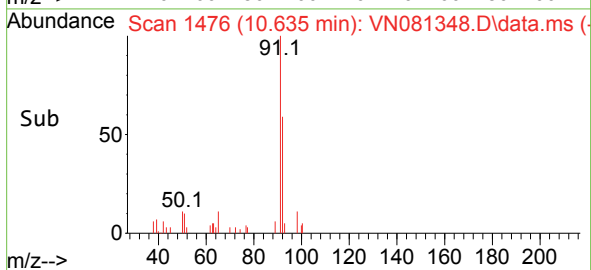
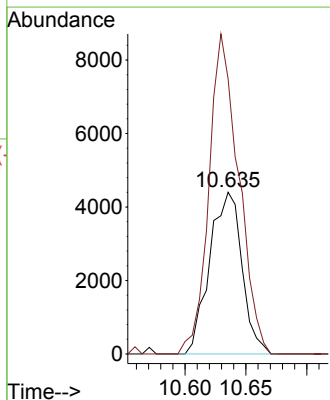
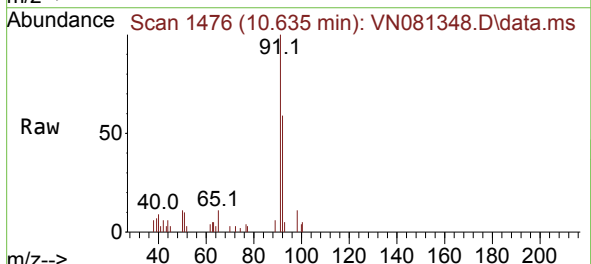
Instrument :
MSVOA_N
ClientSampleId :
380

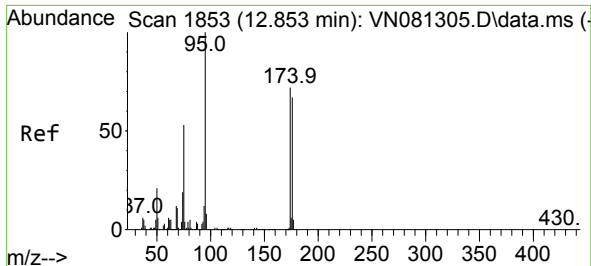
Tgt Ion: 98 Resp: 694900
Ion Ratio Lower Upper
98 100
100 64.4 51.4 77.0



#52
Toluene
Concen: 0.789 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN081348.D
Acq: 08 Mar 2024 16:05

Tgt Ion: 92 Resp: 8142
Ion Ratio Lower Upper
92 100
91 182.0 139.4 209.0

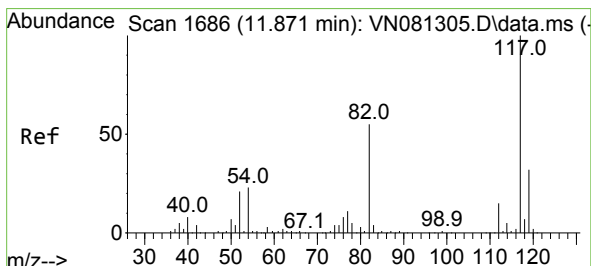
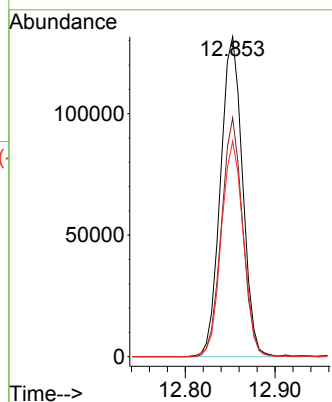
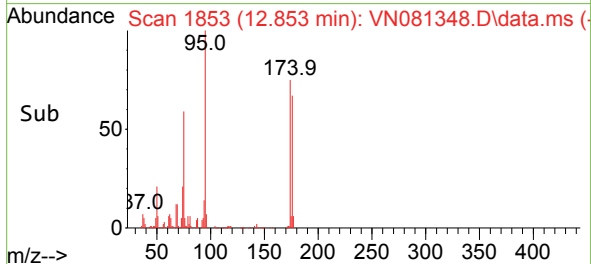
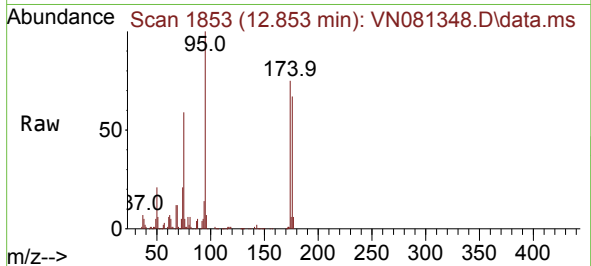




#62
4-Bromofluorobenzene
Concen: 47.894 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN081348.D
Acq: 08 Mar 2024 16:05

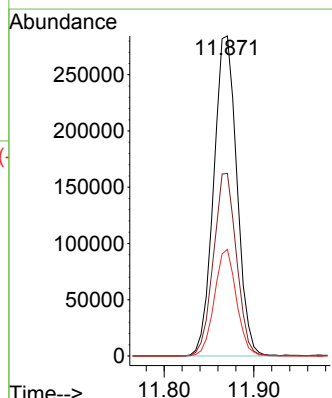
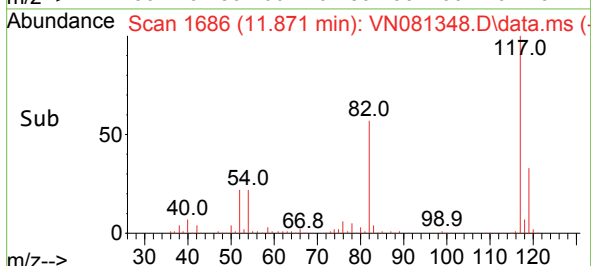
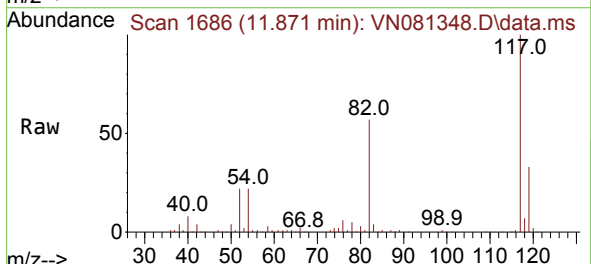
Instrument :
MSVOA_N
ClientSampleId :
380

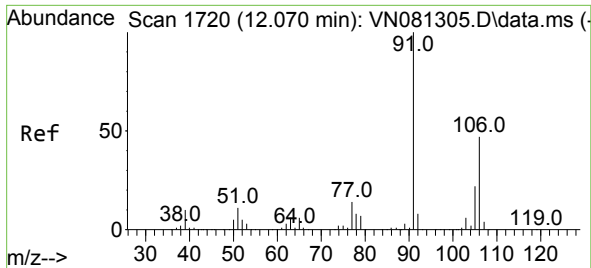
Tgt Ion: 95 Resp: 224339
Ion Ratio Lower Upper
95 100
174 71.9 0.0 120.4
176 67.3 0.0 121.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN081348.D
Acq: 08 Mar 2024 16:05

Tgt Ion: 117 Resp: 511253
Ion Ratio Lower Upper
117 100
82 57.0 52.7 79.1
119 33.3 25.3 37.9

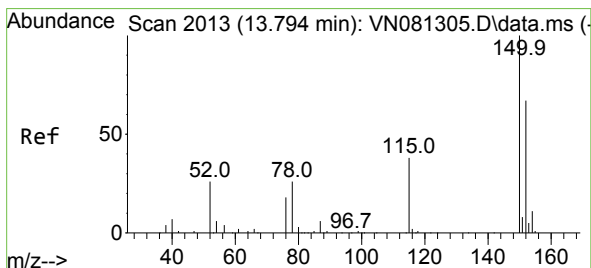
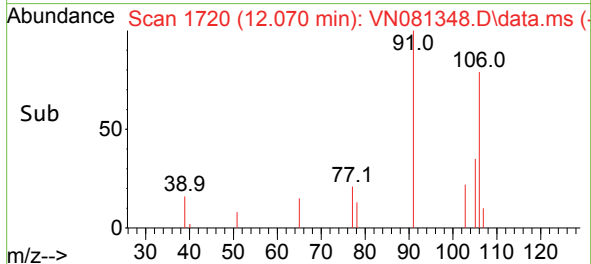
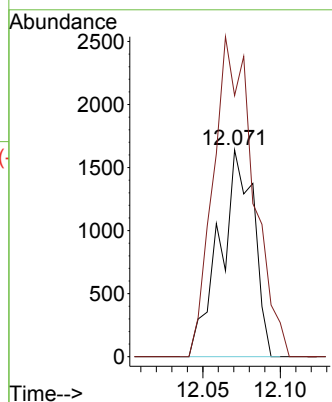
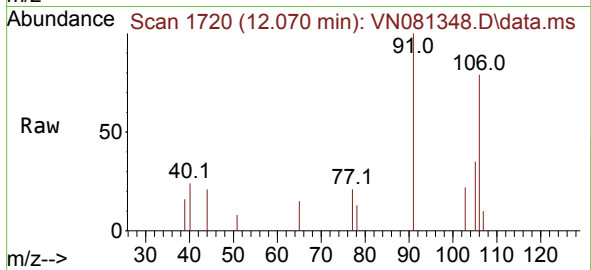




#68
m/p-Xylenes
Concen: 0.343 ug/l
RT: 12.070 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN081348.D
Acq: 08 Mar 2024 16:05

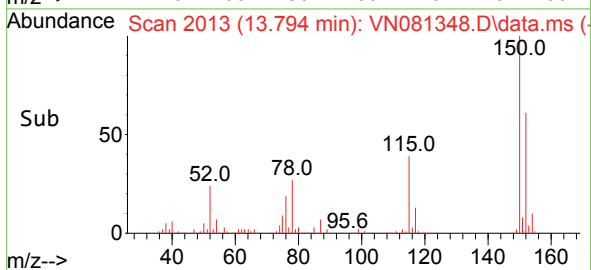
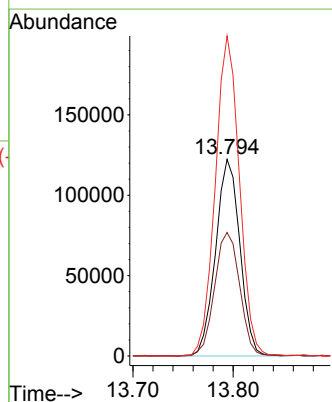
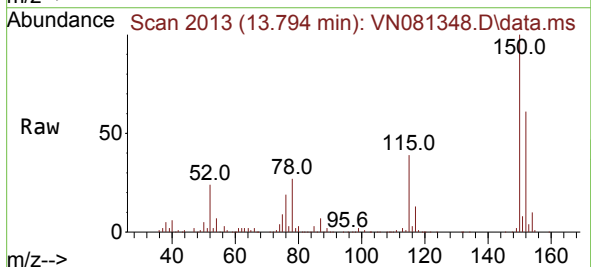
Instrument :
MSVOA_N
ClientSampleId :
380

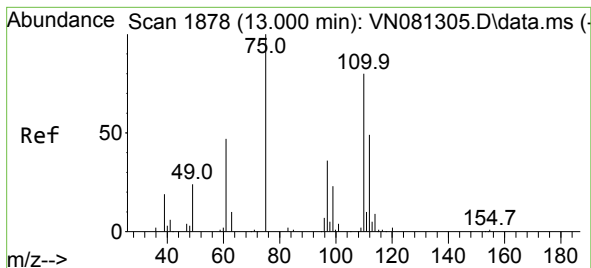
Tgt Ion:106 Resp: 2504
Ion Ratio Lower Upper
106 100
91 181.7 169.0 253.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN081348.D
Acq: 08 Mar 2024 16:05

Tgt Ion:152 Resp: 205505
Ion Ratio Lower Upper
152 100
115 65.3 32.3 96.8
150 162.0 0.0 339.8





#76

1,2,3-Trichloropropane

Concen: 25.926 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.147 min

Lab File: VN081348.D

Acq: 08 Mar 2024 16:05

Instrument :

MSVOA_N

ClientSampleId :

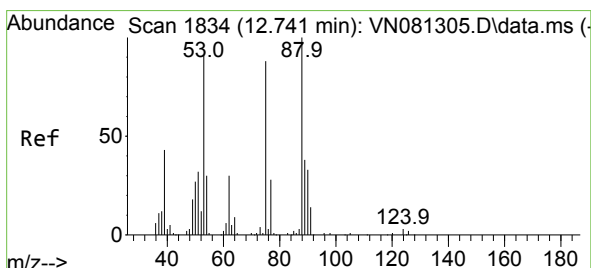
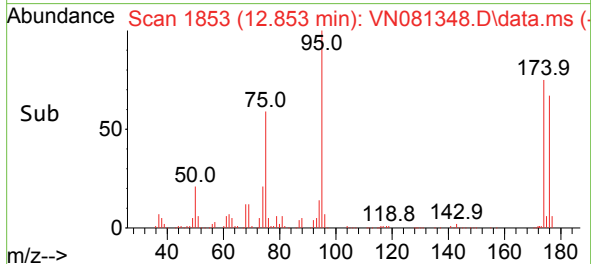
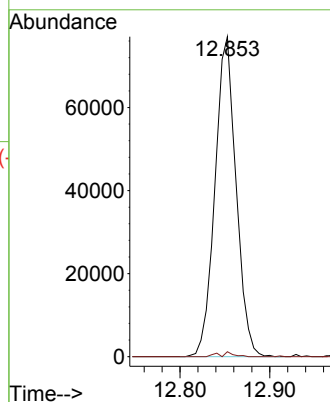
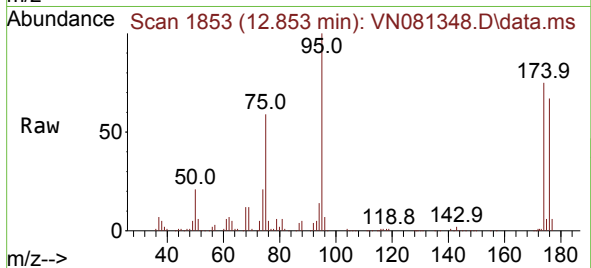
380

Tgt Ion: 75 Resp: 125846

Ion Ratio Lower Upper

75 100

77 0.6 91.0 272.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 72.356 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.112 min

Lab File: VN081348.D

Acq: 08 Mar 2024 16:05

Tgt Ion: 75 Resp: 125846

Ion Ratio Lower Upper

75 100

53 0.0 71.4 107.2#

89 0.1 33.4 50.0#

