

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022024\
 Data File : VD078480.D
 Acq On : 20 Feb 2024 13:47
 Operator : RP/MD
 Sample : P1523-03
 Misc : 5.04G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 20240765-COMPOSITE-39N-N-3-03

Quant Time: Feb 21 05:23:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021324S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 14 01:16:20 2024
 Response via : Initial Calibration

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

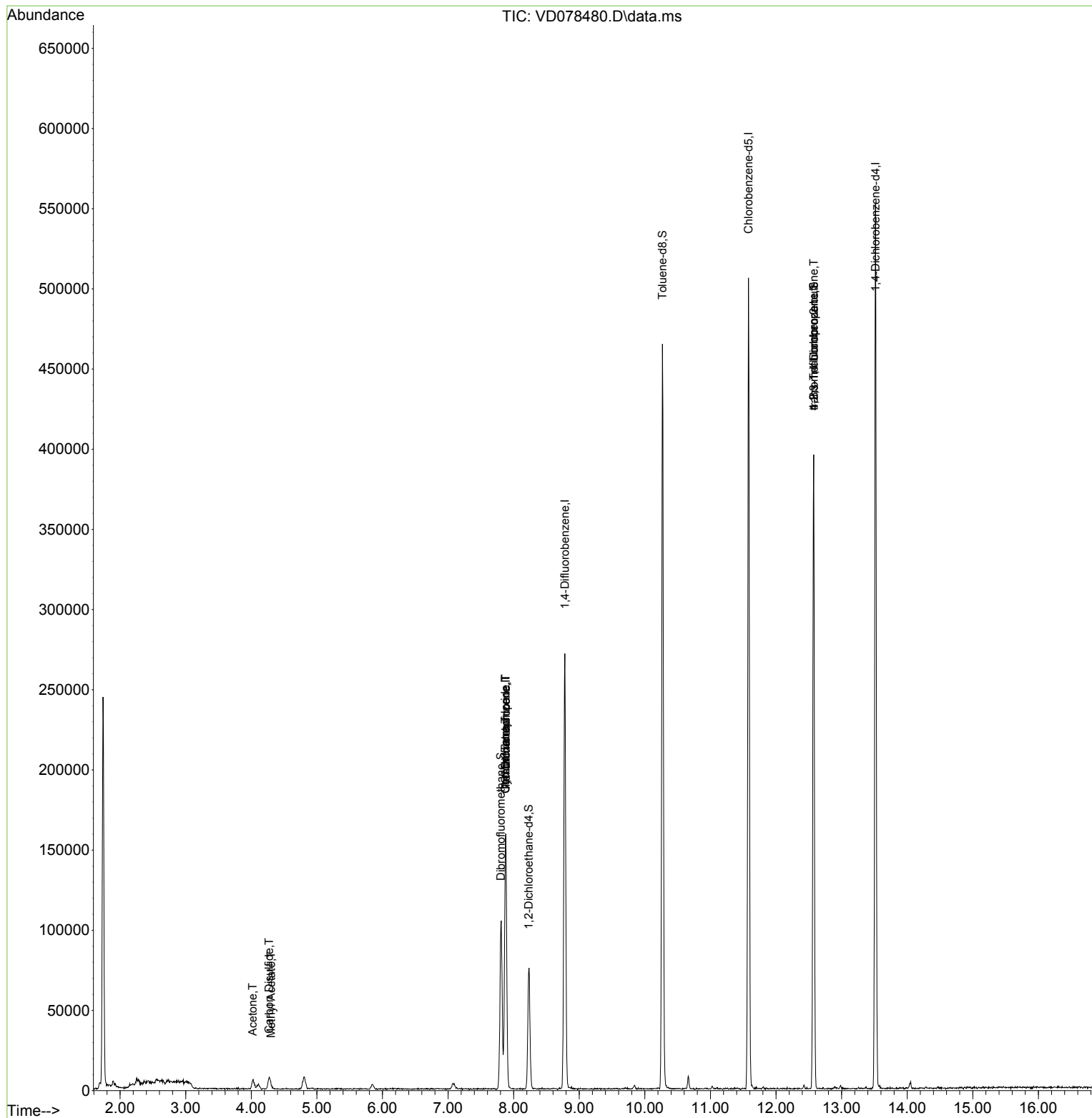
Internal Standards						
1) Pentafluorobenzene	7.881	168	124143	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	247124	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	292876	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	144235	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	58968	43.931	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	87.860%
35) Dibromofluoromethane	7.805	113	76991	49.046	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.100%
50) Toluene-d8	10.269	98	318879	50.781	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.560%
62) 4-Bromofluorobenzene	12.575	95	119072	65.160	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	130.320%
Target Compounds						
					Qvalue	
16) Acetone	4.022	43	10103	16.805	ug/l #	77
17) Carbon Disulfide	4.269	76	14988	3.291	ug/l	98
18) Methyl Acetate	4.299	43	463	4.389	ug/l #	42
23) Vinyl Acetate	6.163	43	66	Below Cal	#	63
25) 2-Butanone	7.099	43	2857	Below Cal	#	62
31) Cyclohexane	7.875	56	2779	1.224	ug/l #	29
36) 1,1-Dichloropropene	7.881	75	10276	4.214	ug/l #	47
38) Carbon Tetrachloride	7.875	117	11684	4.838	ug/l #	15
76) 1,2,3-Trichloropropane	12.575	75	62258	50.843	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	62258	105.551	ug/l #	17

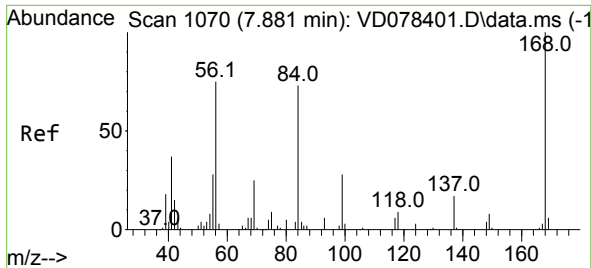
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021324S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 14 01:16:20 2024
Response via : Initial Calibration

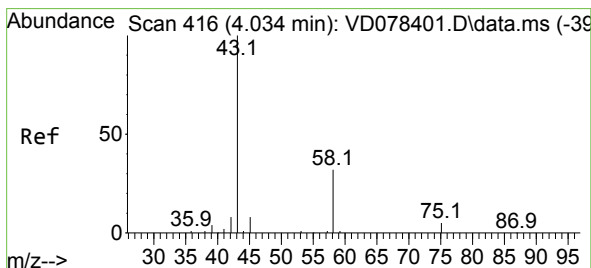
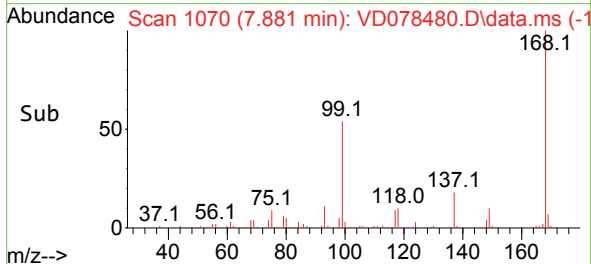
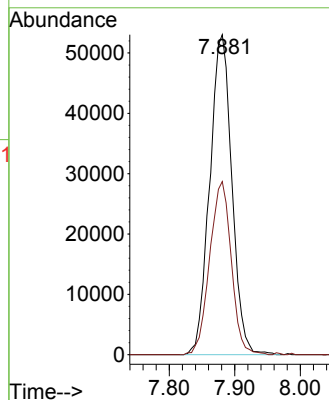
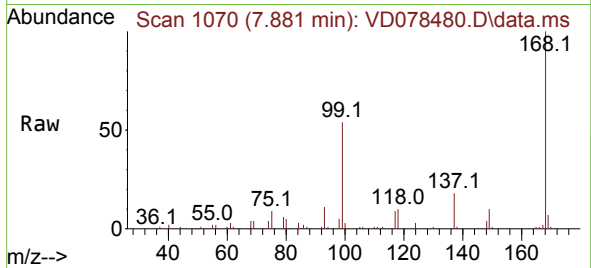




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VD078480.D
Acq: 20 Feb 2024 13:47

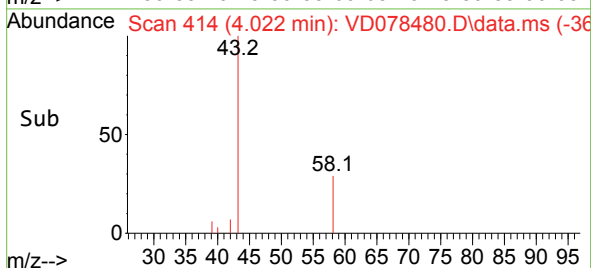
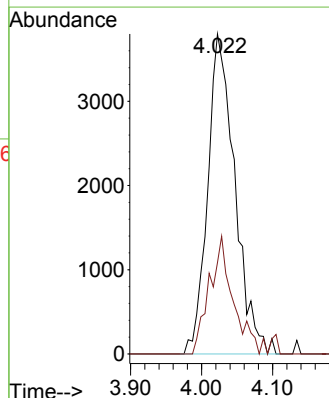
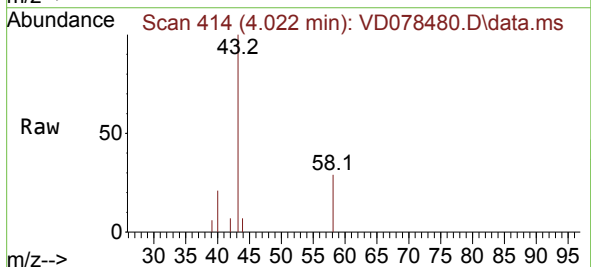
Instrument :
MSVOA_D
ClientSampleId :
20240765-COMPOSITE-39N-N-3-03

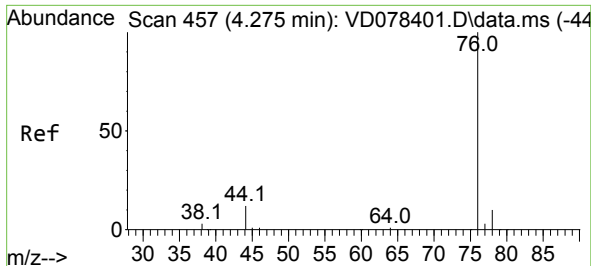
Tgt Ion:168 Resp: 124143
Ion Ratio Lower Upper
168 100
99 54.1 36.7 55.1



#16
Acetone
Concen: 16.805 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.012 min
Lab File: VD078480.D
Acq: 20 Feb 2024 13:47

Tgt Ion: 43 Resp: 10103
Ion Ratio Lower Upper
43 100
58 28.6 34.7 52.1#

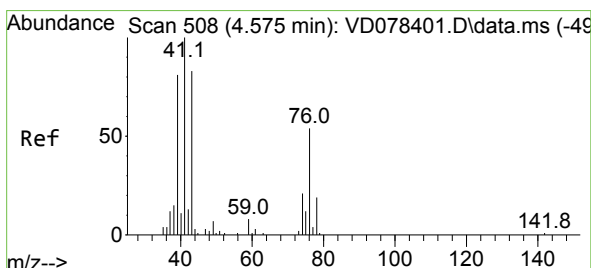
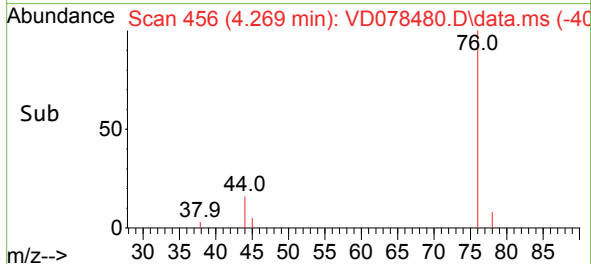
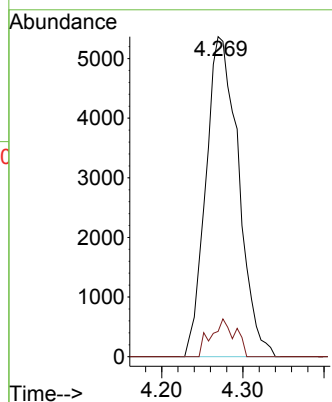
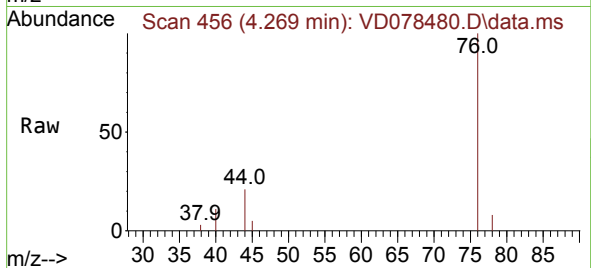




#17
Carbon Disulfide
Concen: 3.291 ug/l
RT: 4.269 min Scan# 411
Delta R.T. -0.006 min
Lab File: VD078480.D
Acq: 20 Feb 2024 13:47

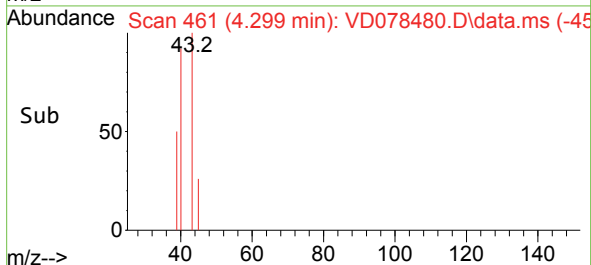
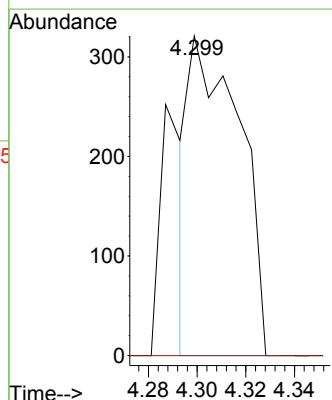
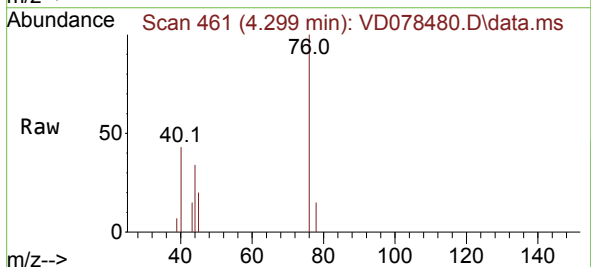
Instrument :
MSVOA_D
ClientSampleId :
20240765-COMPOSITE-39N-N-3-03

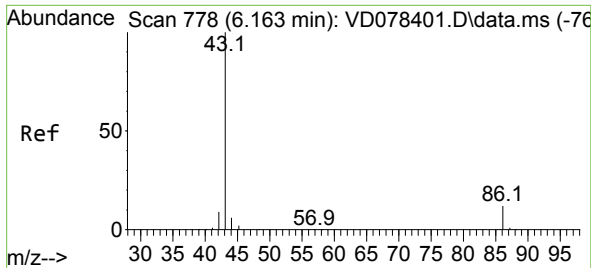
Tgt Ion: 76 Resp: 14988
Ion Ratio Lower Upper
76 100
78 7.9 6.8 10.2



#18
Methyl Acetate
Concen: 4.389 ug/l
RT: 4.299 min Scan# 461
Delta R.T. -0.276 min
Lab File: VD078480.D
Acq: 20 Feb 2024 13:47

Tgt Ion: 43 Resp: 463
Ion Ratio Lower Upper
43 100
74 0.0 26.4 39.6#

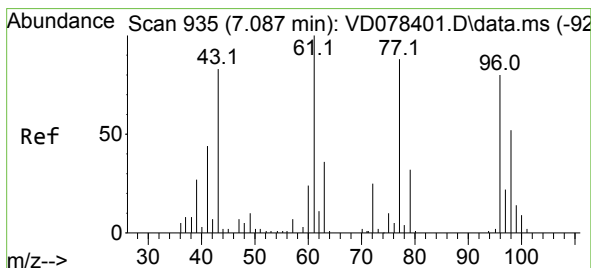
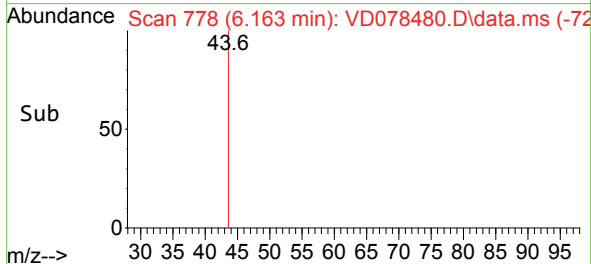
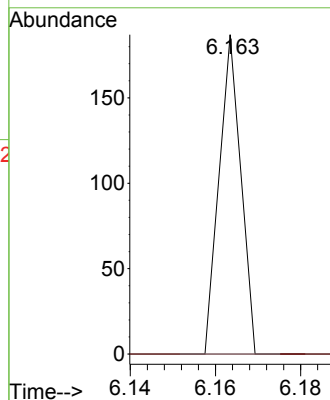
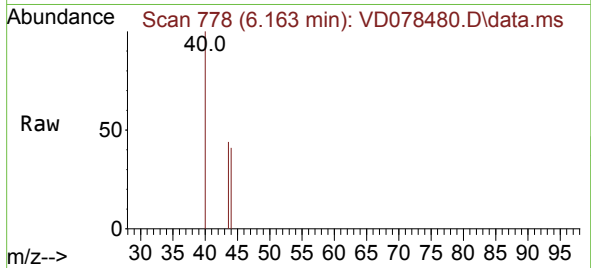




#23
 Vinyl Acetate
 Concen: Below Cal
 RT: 6.163 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VD078480.D
 Acq: 20 Feb 2024 13:47

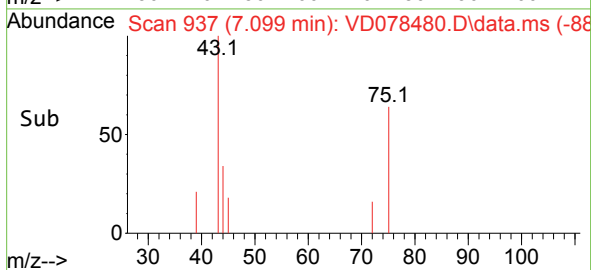
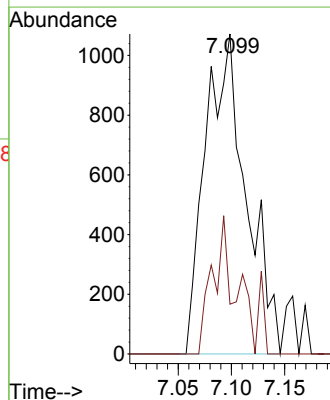
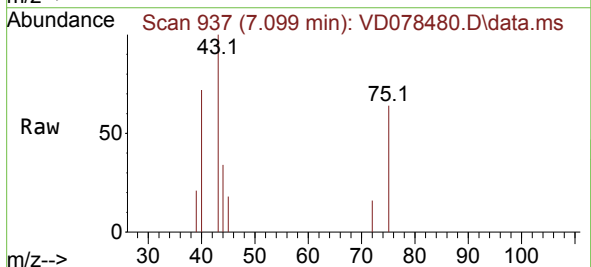
Instrument :
 MSVOA_D
 ClientSampleId :
 20240765-COMPOSITE-39N-N-3-03

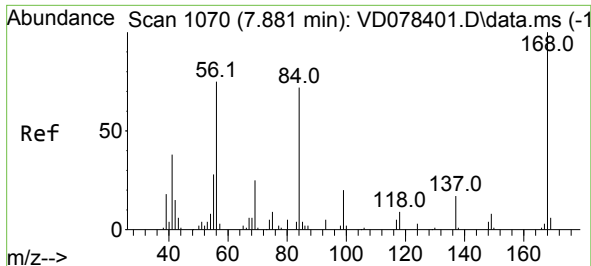
Tgt Ion: 43 Resp: 66
 Ion Ratio Lower Upper
 43 100
 86 0.0 12.5 18.7#



#25
 2-Butanone
 Concen: Below Cal
 RT: 7.099 min Scan# 937
 Delta R.T. 0.012 min
 Lab File: VD078480.D
 Acq: 20 Feb 2024 13:47

Tgt Ion: 43 Resp: 2857
 Ion Ratio Lower Upper
 43 100
 72 15.6 30.7 46.1#

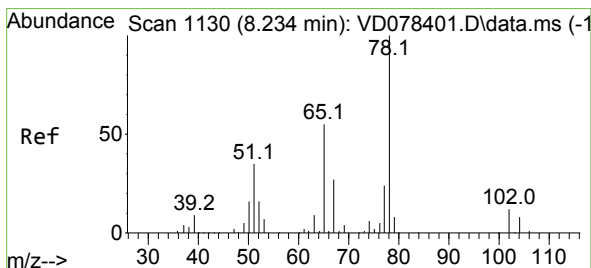
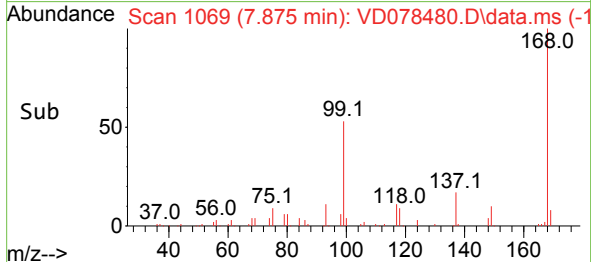
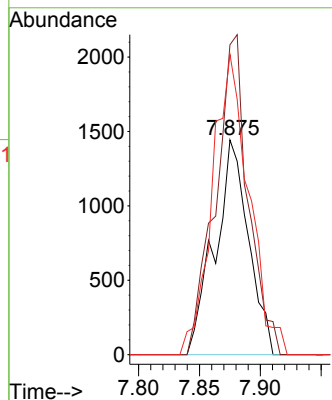
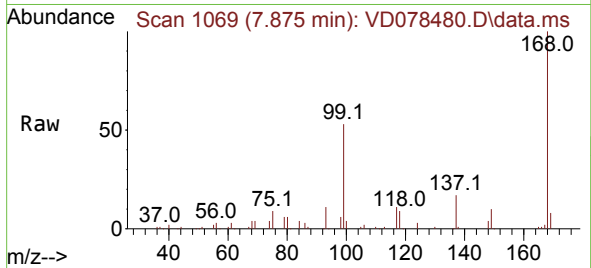




#31
Cyclohexane
Concen: 1.224 ug/l
RT: 7.875 min Scan# 1109
Delta R.T. -0.006 min
Lab File: VD078480.D
Acq: 20 Feb 2024 13:47

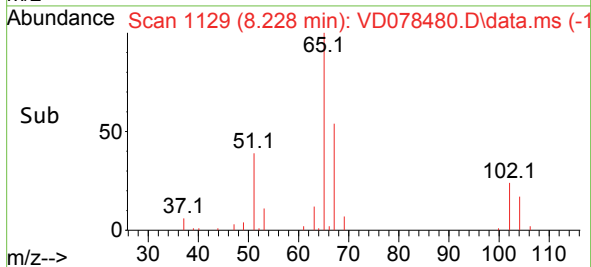
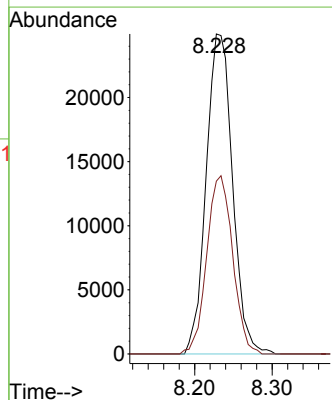
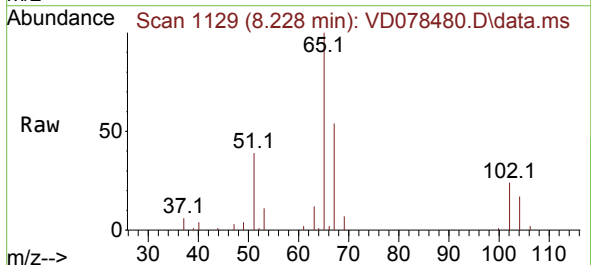
Instrument :
MSVOA_D
ClientSampleId :
20240765-COMPOSITE-39N-N-3-03

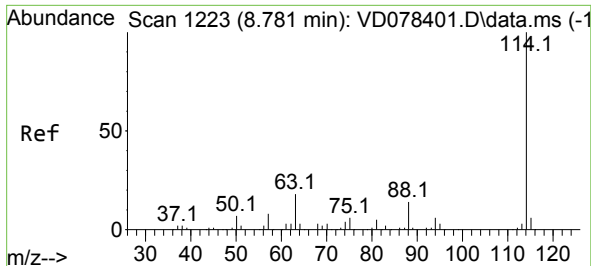
Tgt Ion: 56 Resp: 2779
Ion Ratio Lower Upper
56 100
69 144.4 28.6 43.0#
84 139.9 84.8 127.2#



#33
1,2-Dichloroethane-d4
Concen: 43.931 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD078480.D
Acq: 20 Feb 2024 13:47

Tgt Ion: 65 Resp: 58968
Ion Ratio Lower Upper
65 100
67 54.8 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD078480.D

Acq: 20 Feb 2024 13:47

Instrument :

MSVOA_D

ClientSampleId :

20240765-COMPOSITE-39N-N-3-03

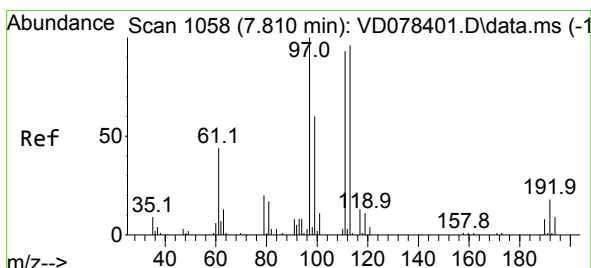
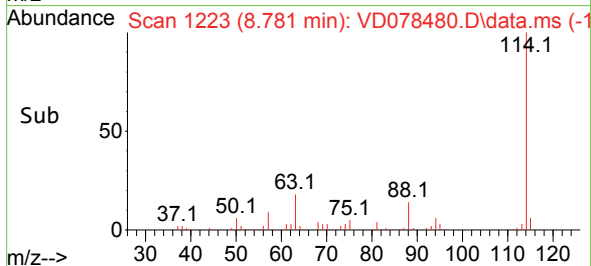
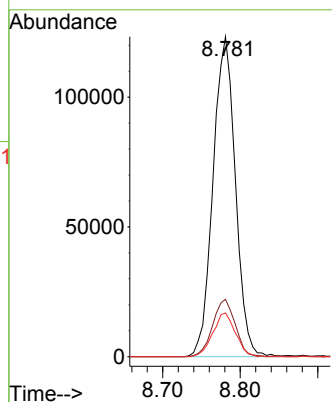
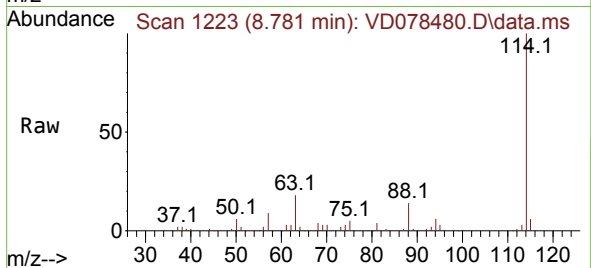
Tgt Ion:114 Resp: 247124

Ion Ratio Lower Upper

114 100

63 18.0 0.0 33.4

88 13.6 0.0 26.2



#35

Dibromofluoromethane

Concen: 49.046 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VD078480.D

Acq: 20 Feb 2024 13:47

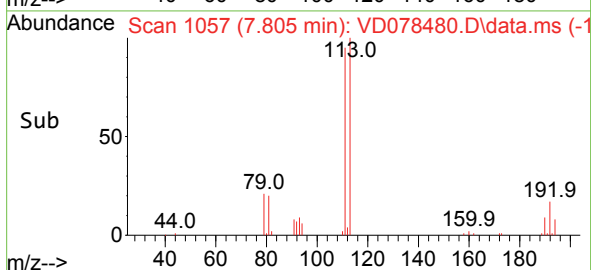
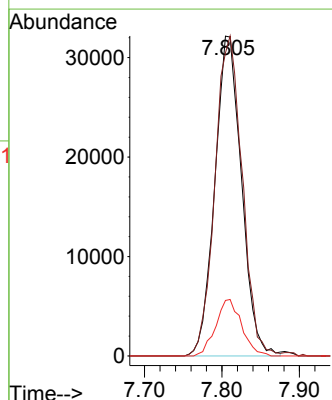
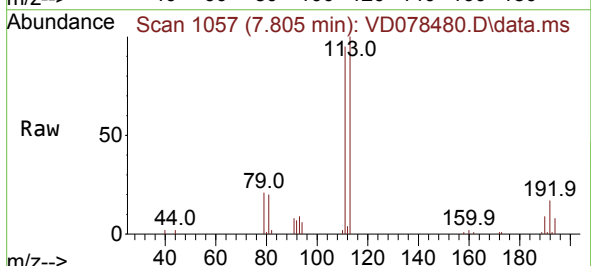
Tgt Ion:113 Resp: 76991

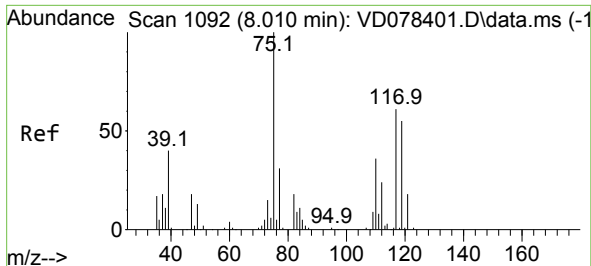
Ion Ratio Lower Upper

113 100

111 102.1 84.7 127.1

192 17.2 16.8 25.2





#36

1,1-Dichloropropene

Concen: 4.214 ug/l

RT: 7.881 min Scan# 1069

Delta R.T. -0.129 min

Lab File: VD078480.D

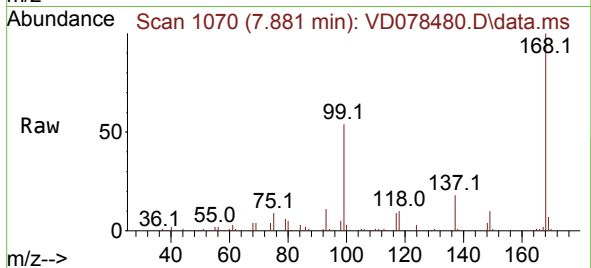
Acq: 20 Feb 2024 13:47

Instrument :

MSVOA_D

ClientSampleId :

20240765-COMPOSITE-39N-N-3-03



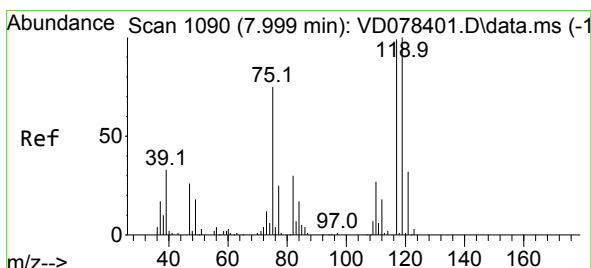
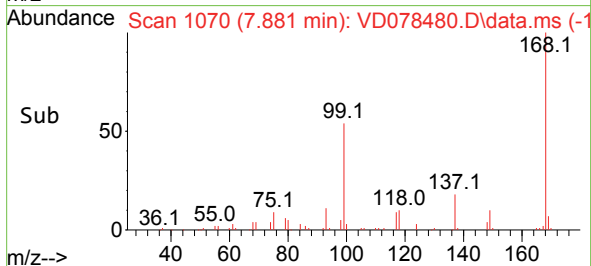
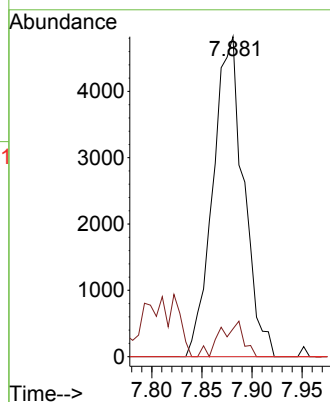
Tgt Ion: 75 Resp: 10276

Ion Ratio Lower Upper

75 100

110 8.4 19.9 59.6#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 4.838 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.124 min

Lab File: VD078480.D

Acq: 20 Feb 2024 13:47

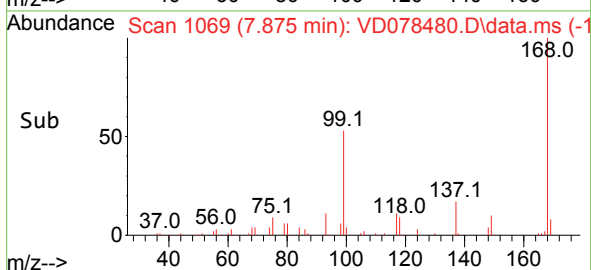
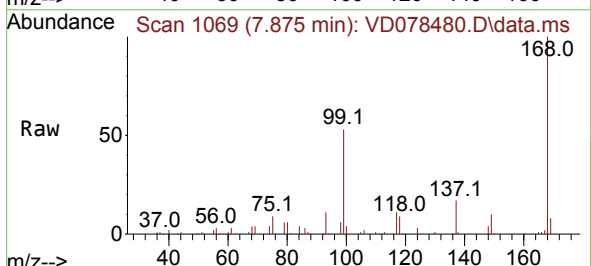
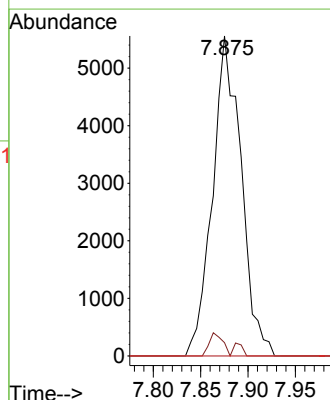
Tgt Ion: 117 Resp: 11684

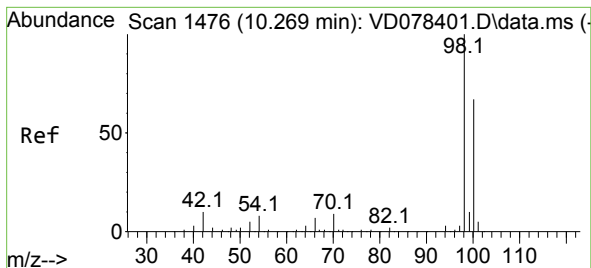
Ion Ratio Lower Upper

117 100

119 4.1 78.0 117.0#

121 0.0 24.2 36.2#





#50

Toluene-d8

Concen: 50.781 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD078480.D

Acq: 20 Feb 2024 13:47

Instrument :

MSVOA_D

ClientSampleId :

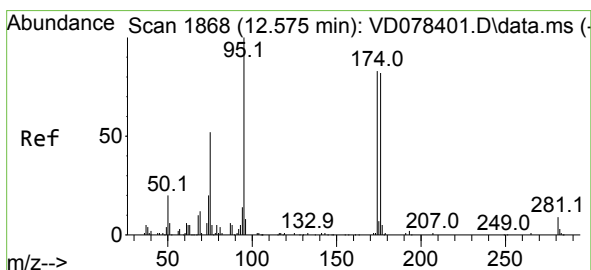
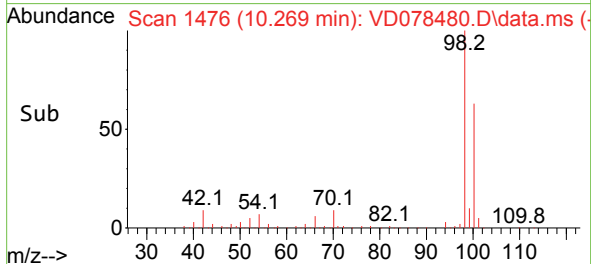
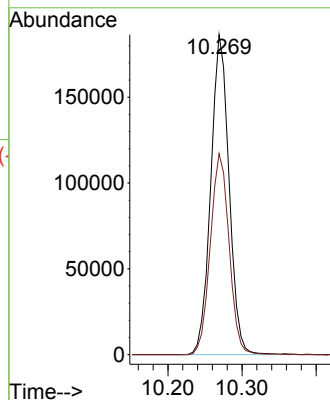
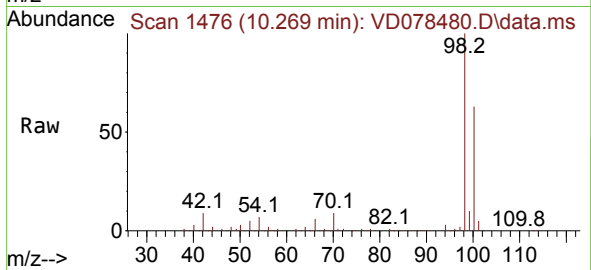
20240765-COMPOSITE-39N-N-3-03

Tgt Ion: 98 Resp: 318879

Ion Ratio Lower Upper

98 100

100 64.7 50.3 75.5



#62

4-Bromofluorobenzene

Concen: 65.160 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. -0.000 min

Lab File: VD078480.D

Acq: 20 Feb 2024 13:47

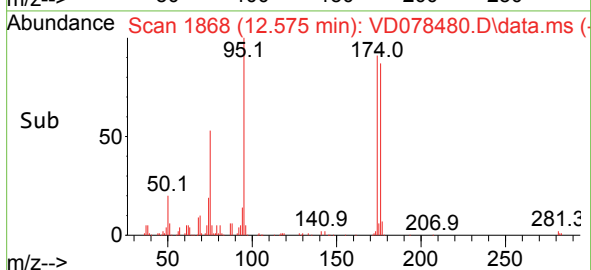
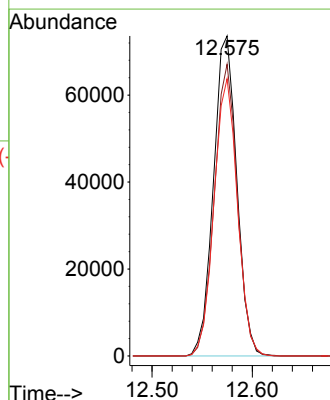
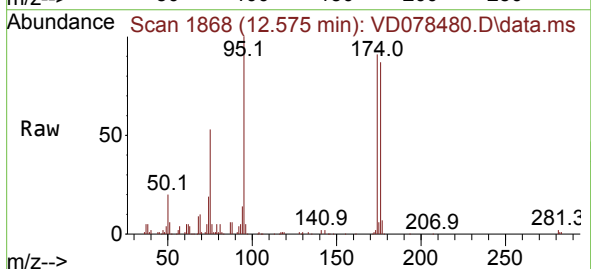
Tgt Ion: 95 Resp: 119072

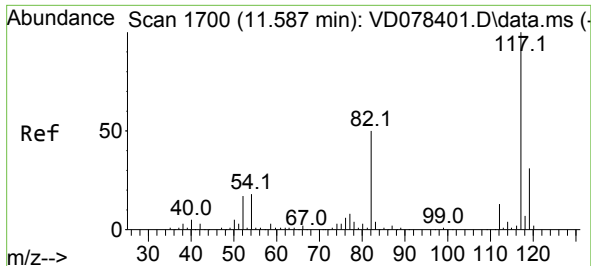
Ion Ratio Lower Upper

95 100

174 89.5 0.0 201.8

176 86.8 0.0 191.8

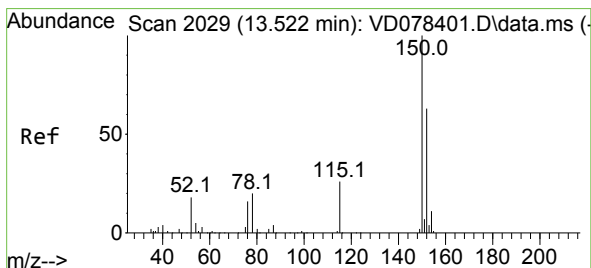
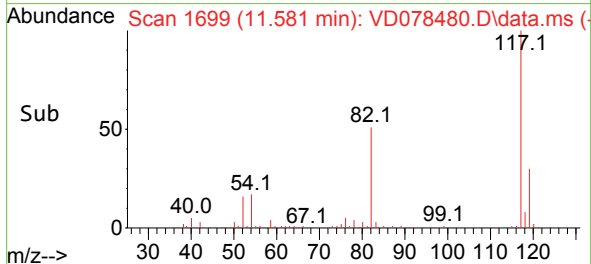
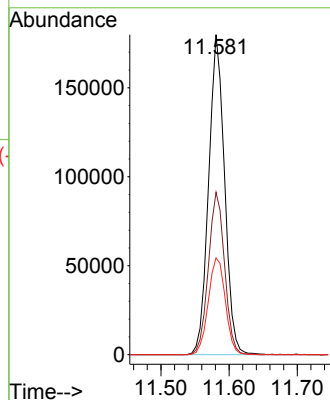
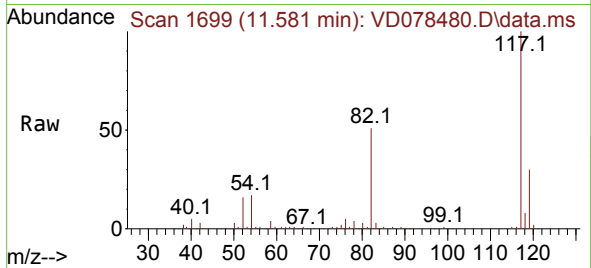




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VD078480.D
Acq: 20 Feb 2024 13:47

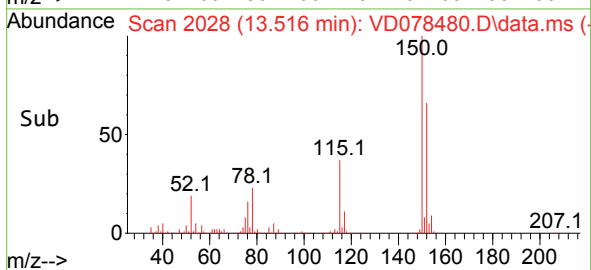
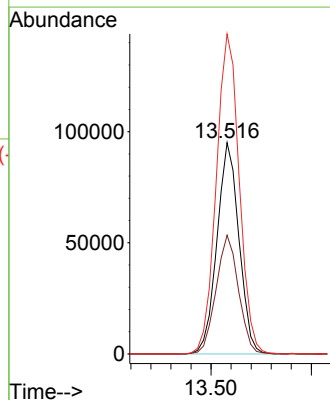
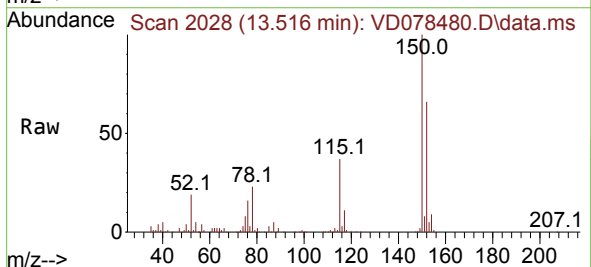
Instrument :
MSVOA_D
ClientSampleId :
20240765-COMPOSITE-39N-N-3-03

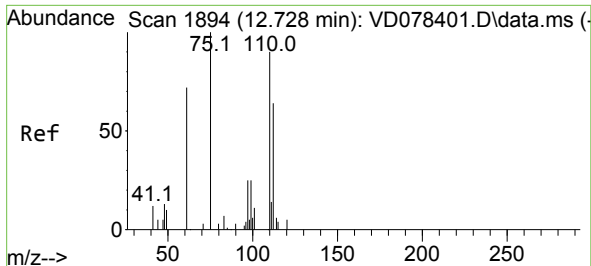
Tgt Ion:117 Resp: 292876
Ion Ratio Lower Upper
117 100
82 50.8 38.3 57.5
119 30.2 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD078480.D
Acq: 20 Feb 2024 13:47

Tgt Ion:152 Resp: 144235
Ion Ratio Lower Upper
152 100
115 57.3 27.1 81.3
150 158.1 0.0 353.6

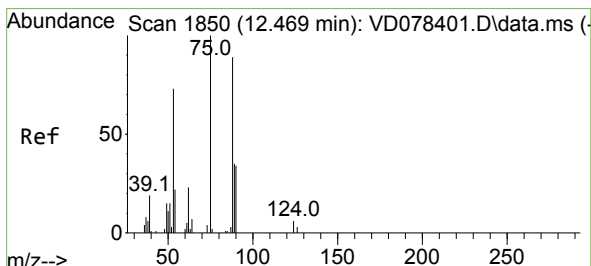
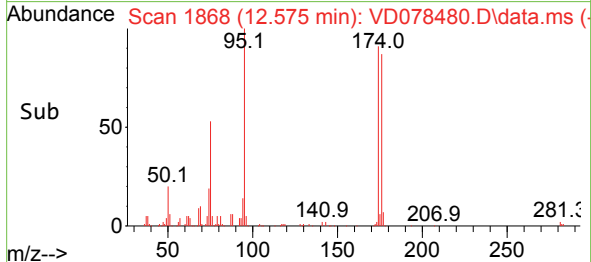
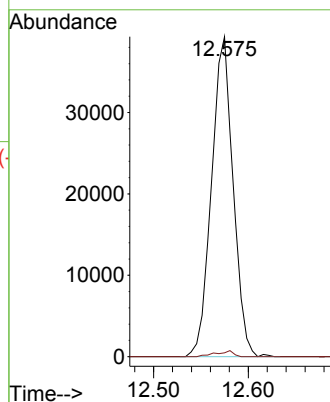
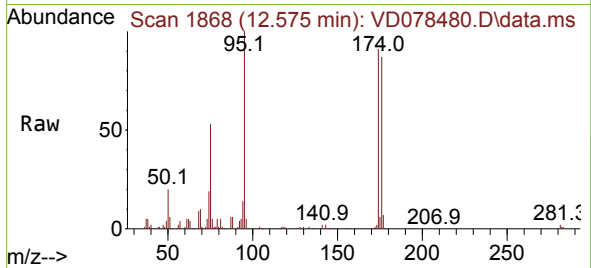




#76
1,2,3-Trichloropropane
Concen: 50.843 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD078480.D
Acq: 20 Feb 2024 13:47

Instrument :
MSVOA_D
ClientSampleId :
20240765-COMPOSITE-39N-N-3-03

Tgt Ion: 75 Resp: 62258
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 105.551 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD078480.D
Acq: 20 Feb 2024 13:47

Tgt Ion: 75 Resp: 62258
Ion Ratio Lower Upper
75 100
53 0.1 63.0 94.4#
89 0.0 37.9 56.9#

