

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022024\
 Data File : VD078479.D
 Acq On : 20 Feb 2024 13:19
 Operator : RP/MD
 Sample : P1523-06
 Misc : 5.03G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 20240766-AMENDED-COMP-39N-N-3-01

Quant Time: Feb 21 05:22:59 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)

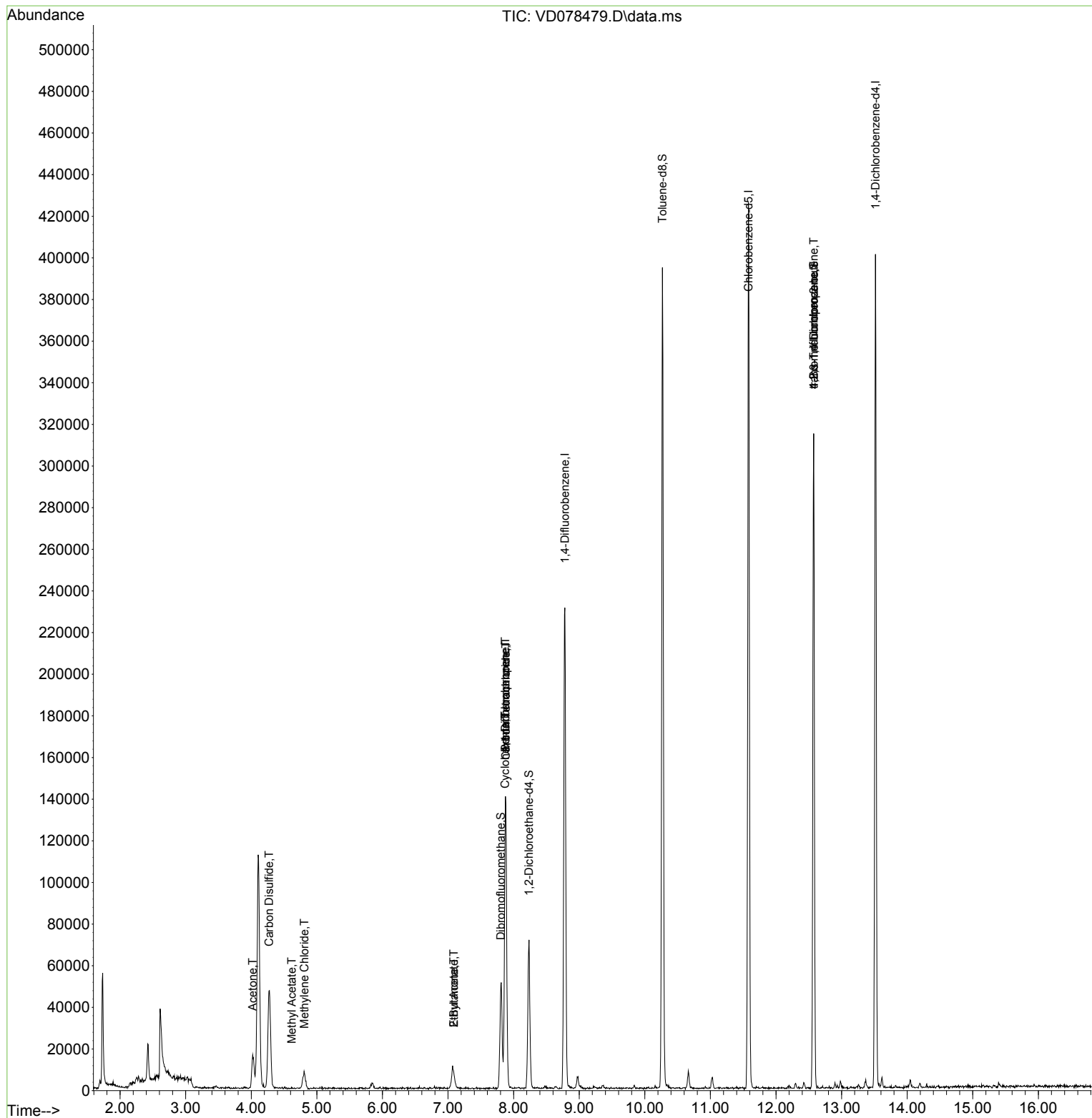
Internal Standards						
1) Pentafluorobenzene	7.875	168	111195	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	218027	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	248902	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	107474	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	51839	43.117	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	86.240%
35) Dibromofluoromethane	7.805	113	36286	26.200	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	52.400%#
50) Toluene-d8	10.269	98	274093	49.474	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.940%
62) 4-Bromofluorobenzene	12.575	95	97559	60.512	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	121.020%
Target Compounds						
16) Acetone	4.022	43	26978	100.475	ug/l	93
17) Carbon Disulfide	4.269	76	103641	25.409	ug/l	98
18) Methyl Acetate	4.617	43	68	4.013	ug/l #	42
20) Methylene Chloride	4.811	84	6344	1.672	ug/l	93
23) Vinyl Acetate	6.152	43	86	Below Cal	#	63
25) 2-Butanone	7.087	43	6413	5.712	ug/l #	68
31) Cyclohexane	7.869	56	2295	1.128	ug/l #	19
36) 1,1-Dichloropropene	7.875	75	9204	4.278	ug/l #	46
37) Ethyl Acetate	7.087	43	6413	8.503	ug/l #	64
38) Carbon Tetrachloride	7.881	117	10537	4.945	ug/l #	14
76) 1,2,3-Trichloropropane	12.575	75	50546	55.398	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	50546	115.007	ug/l #	17

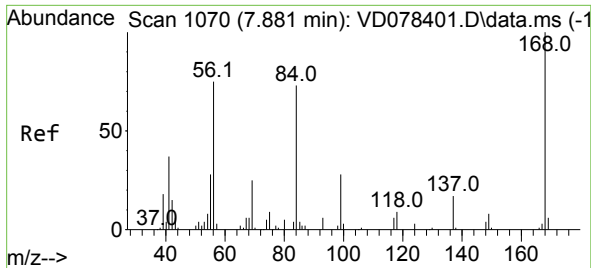
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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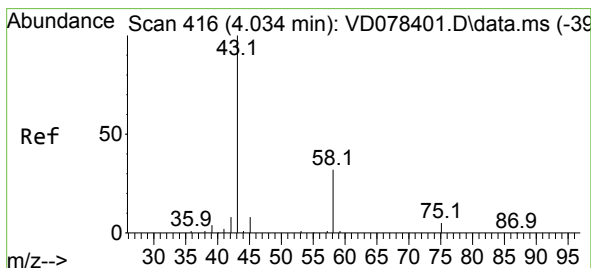
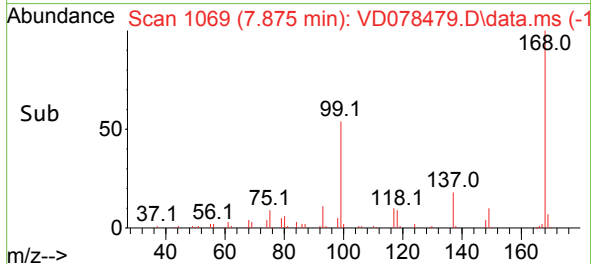
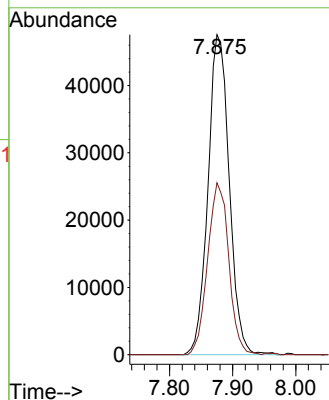
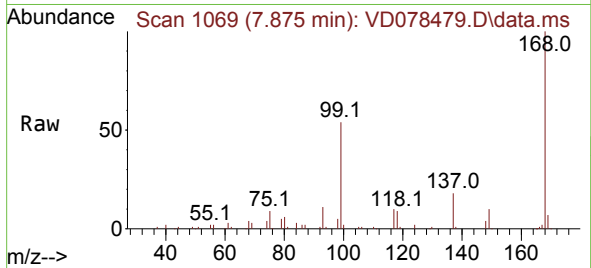




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD078479.D
Acq: 20 Feb 2024 13:19

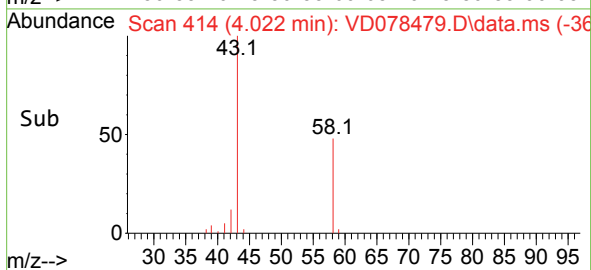
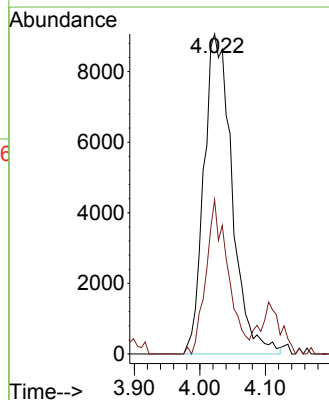
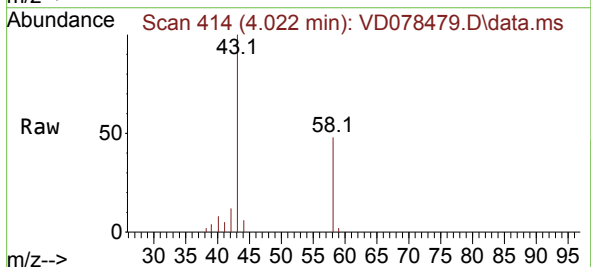
Instrument :
MSVOA_D
ClientSampleId :
20240766-AMENDED-COMP-39N-N-3-01

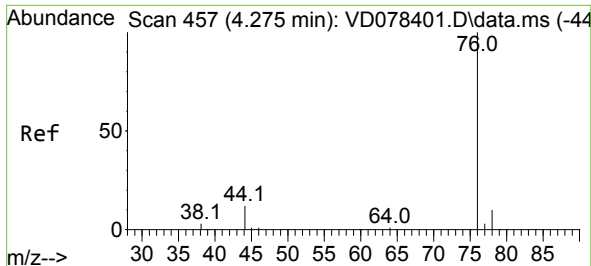
Tgt Ion:168 Resp: 111195
Ion Ratio Lower Upper
168 100
99 53.7 36.7 55.1



#16
Acetone
Concen: 100.475 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.012 min
Lab File: VD078479.D
Acq: 20 Feb 2024 13:19

Tgt Ion: 43 Resp: 26978
Ion Ratio Lower Upper
43 100
58 48.2 34.7 52.1

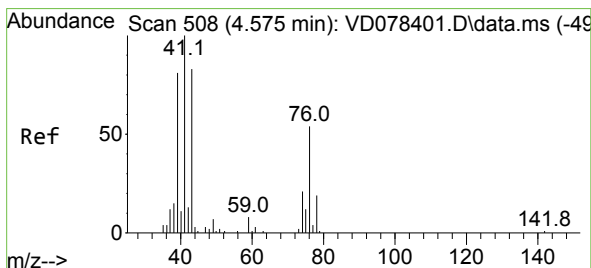
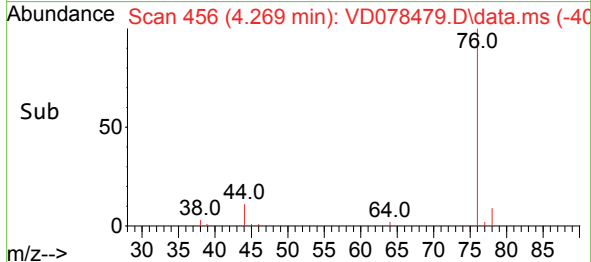
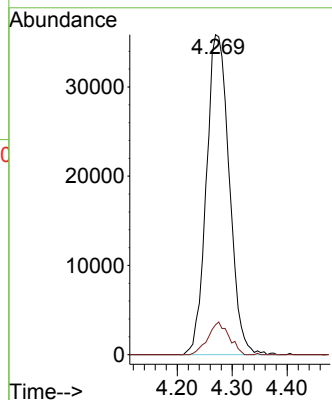
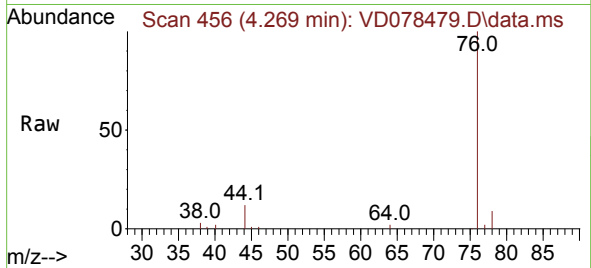




#17
Carbon Disulfide
Concen: 25.409 ug/l
RT: 4.269 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD078479.D
Acq: 20 Feb 2024 13:19

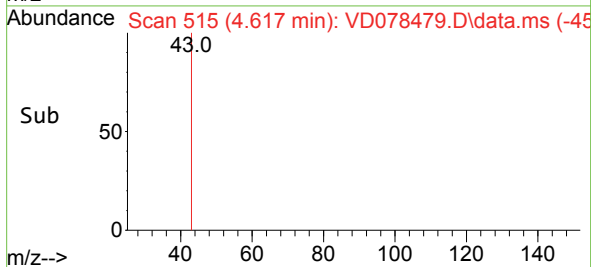
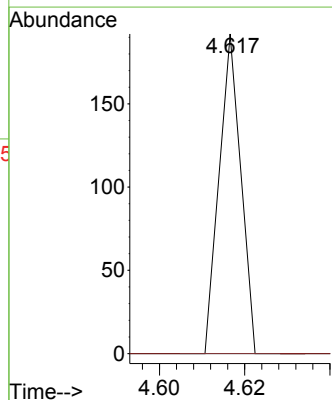
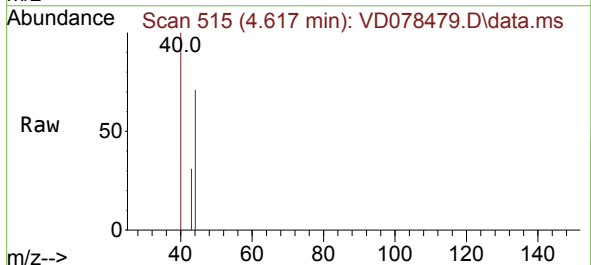
Instrument :
MSVOA_D
ClientSampleId :
20240766-AMENDED-COMP-39N-N-3-01

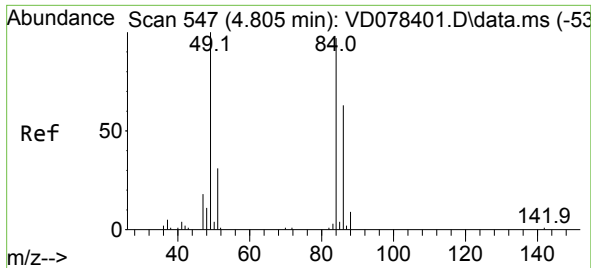
Tgt Ion: 76 Resp: 103641
Ion Ratio Lower Upper
76 100
78 9.3 6.8 10.2



#18
Methyl Acetate
Concen: 4.013 ug/l
RT: 4.617 min Scan# 515
Delta R.T. 0.042 min
Lab File: VD078479.D
Acq: 20 Feb 2024 13:19

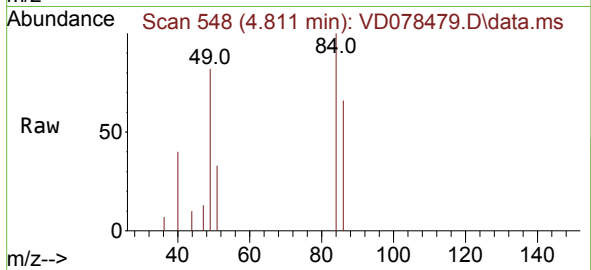
Tgt Ion: 43 Resp: 68
Ion Ratio Lower Upper
43 100
74 0.0 26.4 39.6#



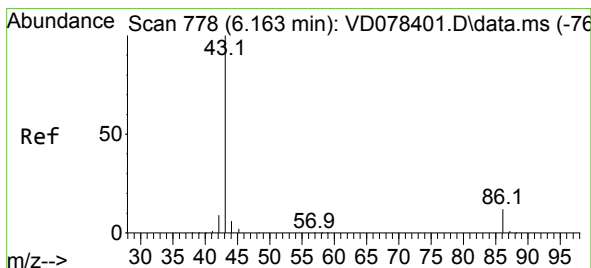
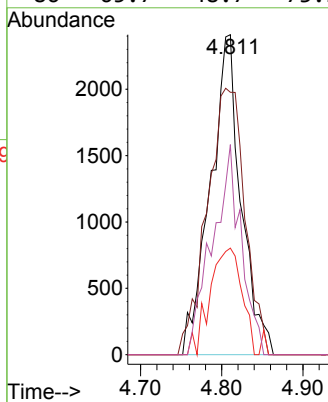
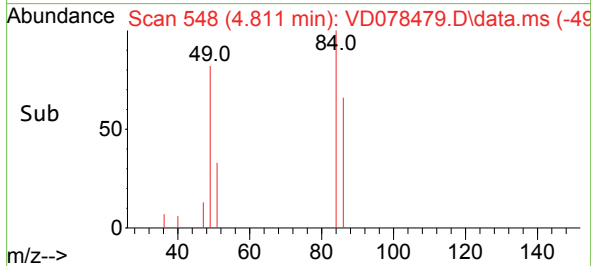


#20
Methylene Chloride
Concen: 1.672 ug/l
RT: 4.811 min Scan# 547
Delta R.T. 0.006 min
Lab File: VD078479.D
Acq: 20 Feb 2024 13:19

Instrument : MSVOA_D
ClientSampleId : 20240766-AMENDED-COMP-39N-N-3-01

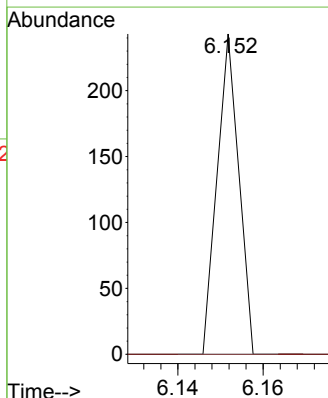
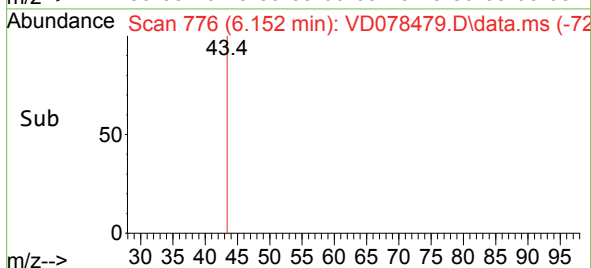
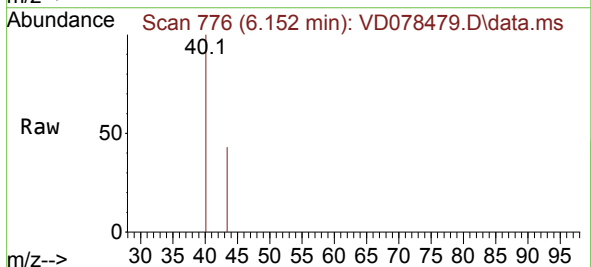


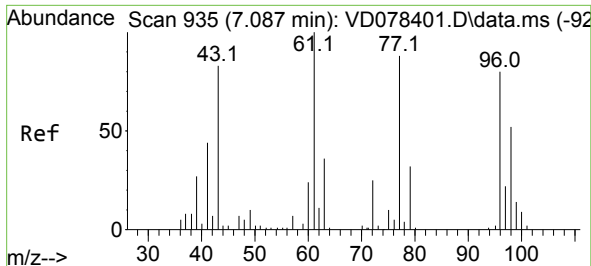
Tgt Ion:	84	Resp:	6344
Ion	Ratio	Lower	Upper
84	100		
49	82.0	71.4	107.2
51	33.3	24.5	36.7
86	65.7	48.7	73.1



#23
Vinyl Acetate
Concen: Below Cal
RT: 6.152 min Scan# 776
Delta R.T. -0.011 min
Lab File: VD078479.D
Acq: 20 Feb 2024 13:19

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

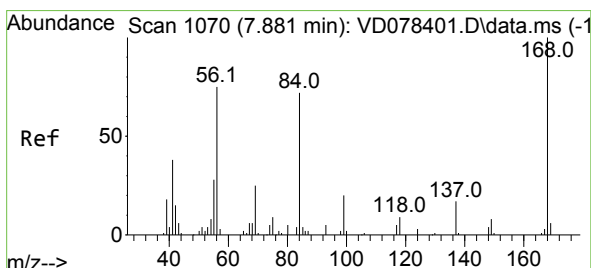
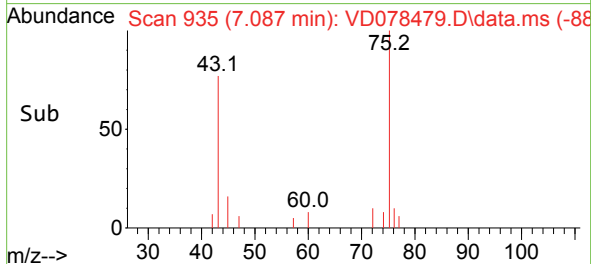
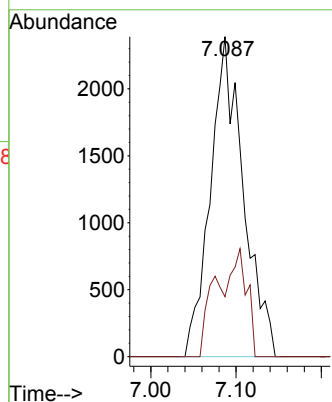
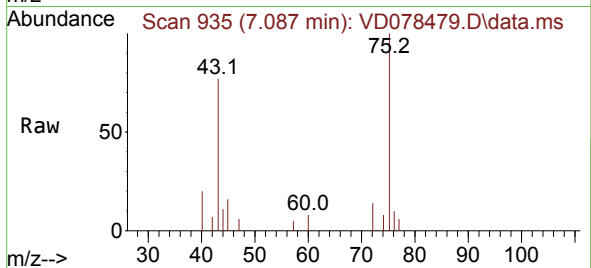




#25
2-Butanone
Concen: 5.712 ug/l
RT: 7.087 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD078479.D
Acq: 20 Feb 2024 13:19

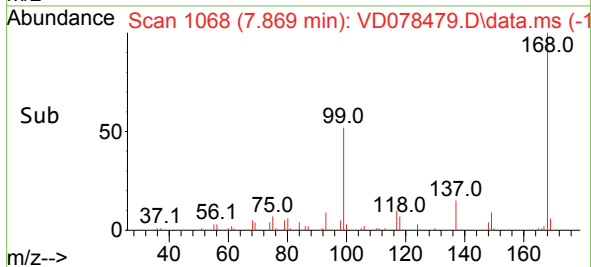
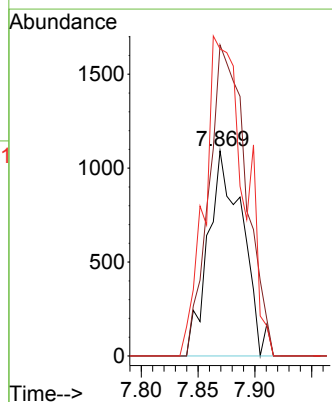
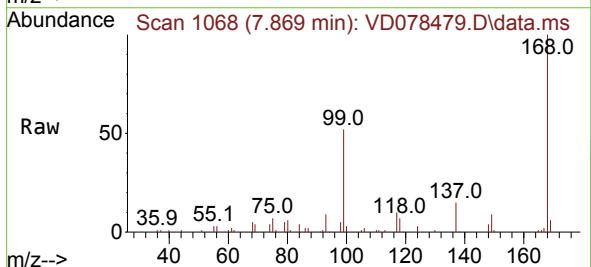
Instrument :
MSVOA_D
ClientSampleId :
20240766-AMENDED-COMP-39N-N-3-01

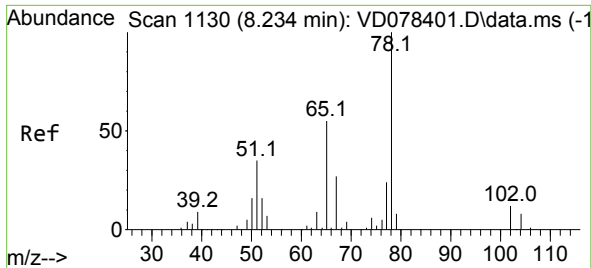
Tgt Ion: 43 Resp: 6413
Ion Ratio Lower Upper
43 100
72 18.7 30.7 46.1#



#31
Cyclohexane
Concen: 1.128 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.012 min
Lab File: VD078479.D
Acq: 20 Feb 2024 13:19

Tgt Ion: 56 Resp: 2295
Ion Ratio Lower Upper
56 100
69 151.6 28.6 43.0#
84 149.7 84.8 127.2#

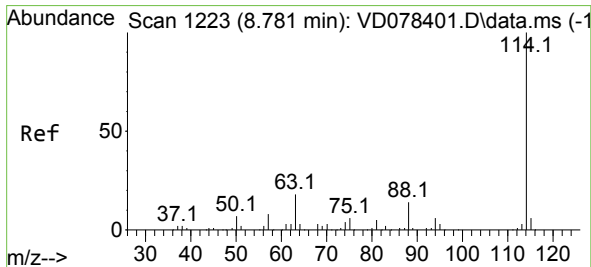
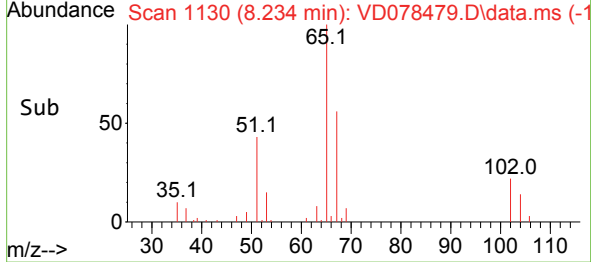
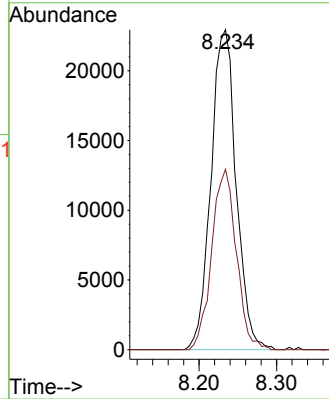
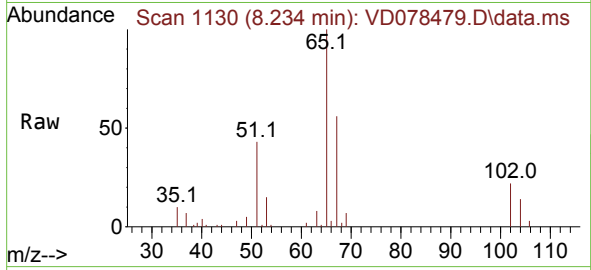




#33
1,2-Dichloroethane-d4
Concen: 43.117 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD078479.D
Acq: 20 Feb 2024 13:19

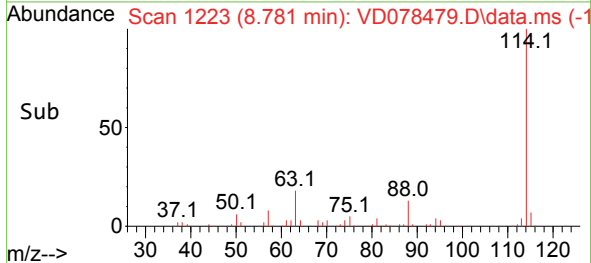
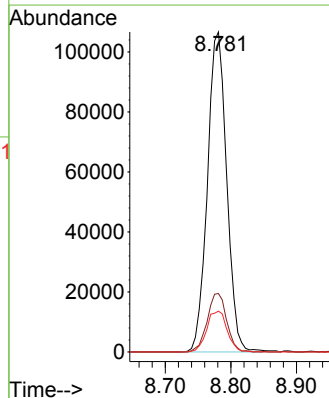
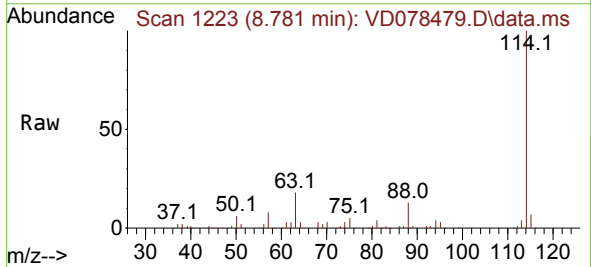
Instrument :
MSVOA_D
ClientSampleId :
20240766-AMENDED-COMP-39N-N-3-01

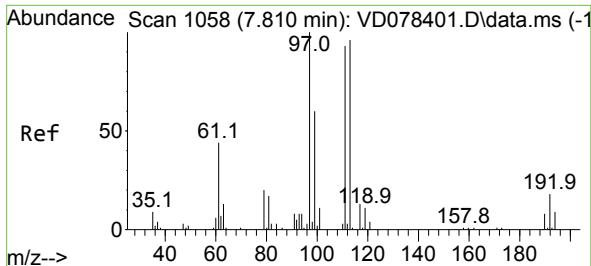
Tgt Ion: 65 Resp: 51839
Ion Ratio Lower Upper
65 100
67 55.1 0.0 115.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 1223
Delta R.T. 0.000 min
Lab File: VD078479.D
Acq: 20 Feb 2024 13:19

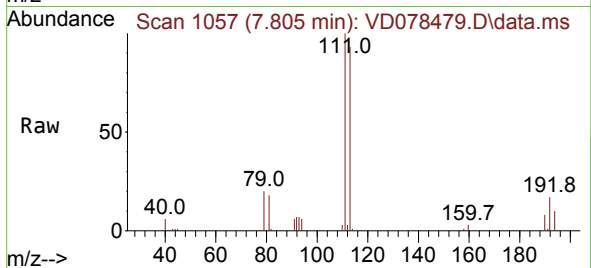
Tgt Ion:114 Resp: 218027
Ion Ratio Lower Upper
114 100
63 18.3 0.0 33.4
88 12.7 0.0 26.2



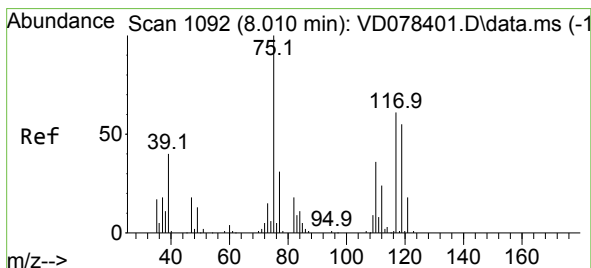
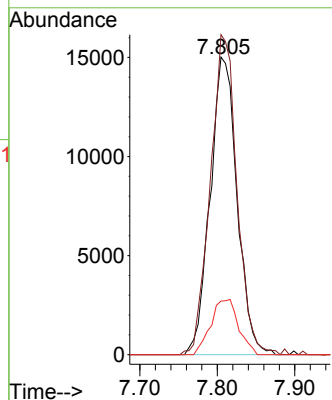
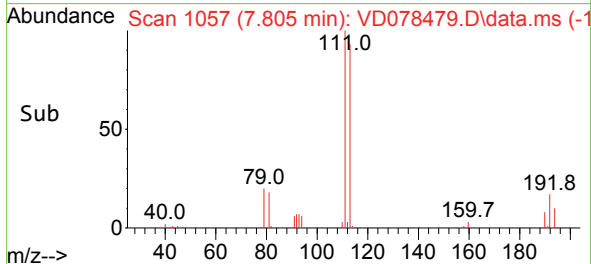


#35
Dibromofluoromethane
Concen: 26.200 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VD078479.D
Acq: 20 Feb 2024 13:19

Instrument : MSVOA_D
ClientSampleId : 20240766-AMENDED-COMP-39N-N-3-01

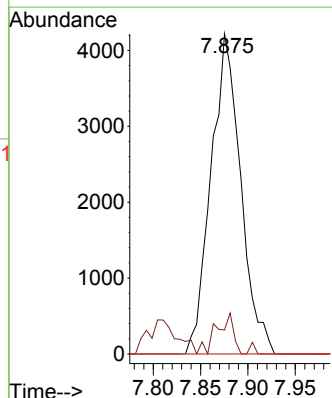
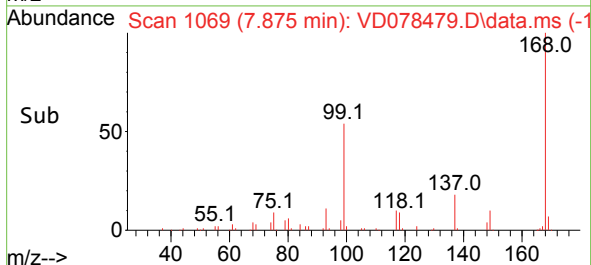
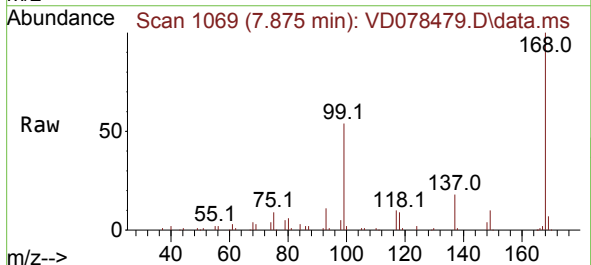


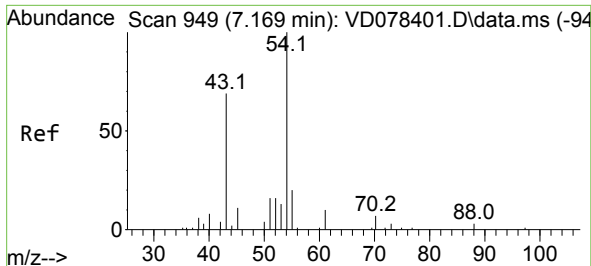
Tgt Ion:113 Resp: 36286
Ion Ratio Lower Upper
113 100
111 106.2 84.7 127.1
192 19.0 16.8 25.2



#36
1,1-Dichloropropene
Concen: 4.278 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.135 min
Lab File: VD078479.D
Acq: 20 Feb 2024 13:19

Tgt Ion: 75 Resp: 9204
Ion Ratio Lower Upper
75 100
110 7.3 19.9 59.6#
77 0.0 24.7 37.1#

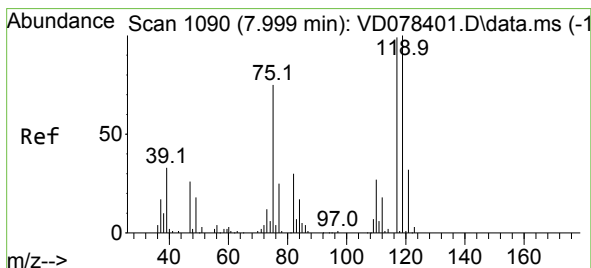
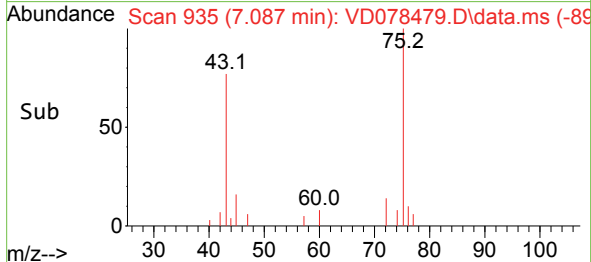
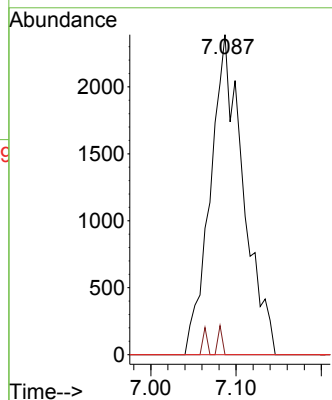
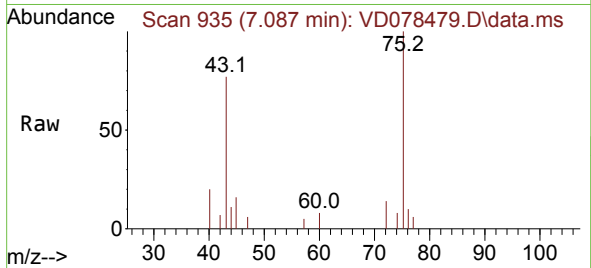




#37
Ethyl Acetate
Concen: 8.503 ug/l
RT: 7.087 min Scan# 91
Delta R.T. -0.082 min
Lab File: VD078479.D
Acq: 20 Feb 2024 13:19

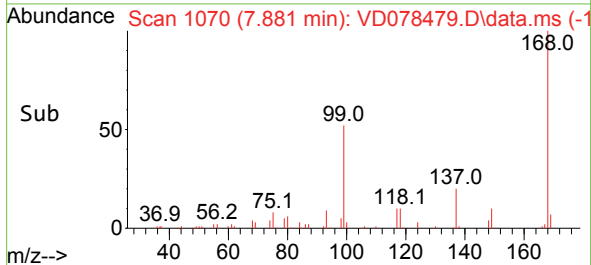
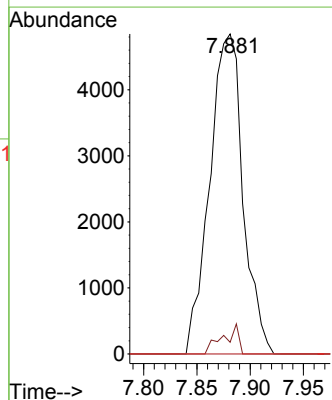
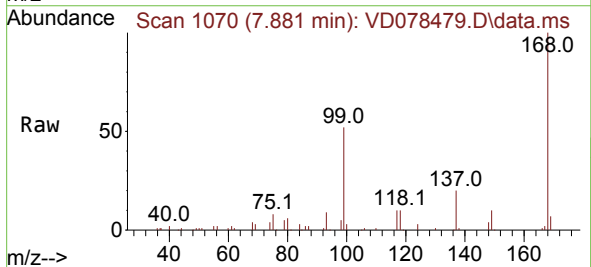
Instrument :
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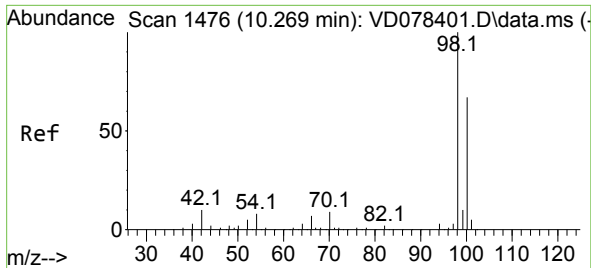
Tgt Ion: 43 Resp: 6413
Ion Ratio Lower Upper
43 100
61 1.2 14.9 22.3#
70 0.0 10.0 15.0#



#38
Carbon Tetrachloride
Concen: 4.945 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.118 min
Lab File: VD078479.D
Acq: 20 Feb 2024 13:19

Tgt Ion: 117 Resp: 10537
Ion Ratio Lower Upper
117 100
119 3.7 78.0 117.0#
121 0.0 24.2 36.2#

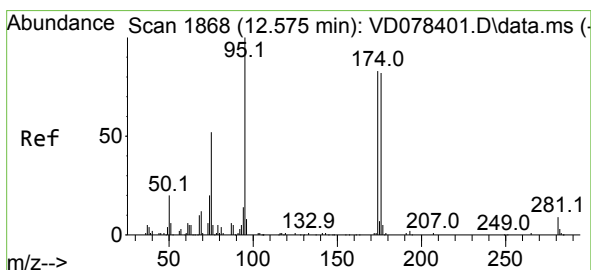
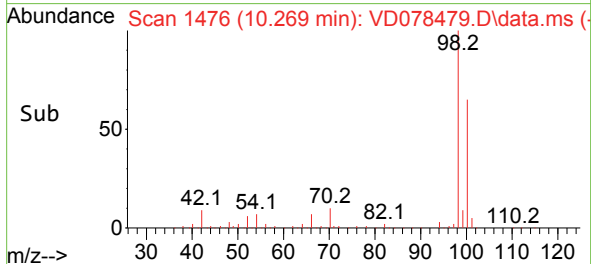
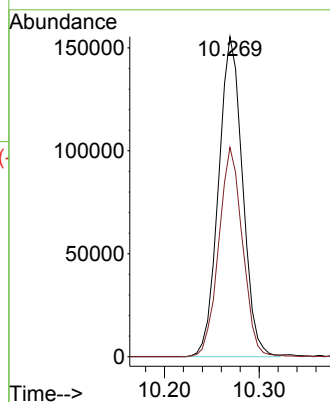
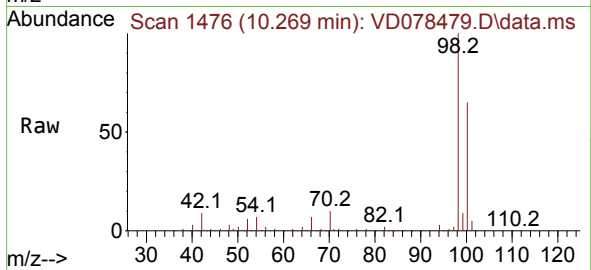




#50
Toluene-d8
Concen: 49.474 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078479.D
Acq: 20 Feb 2024 13:19

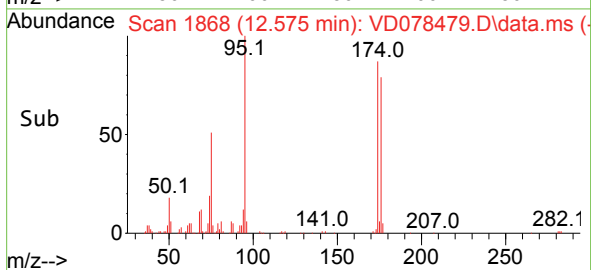
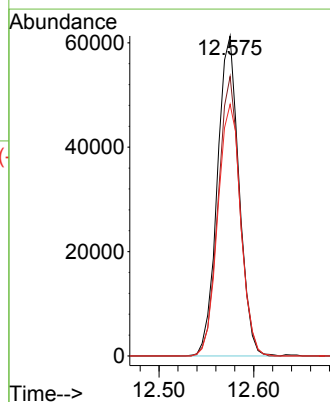
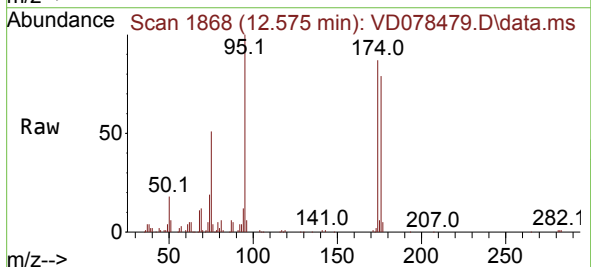
Instrument : MSVOA_D
ClientSampleId : 20240766-AMENDED-COMP-39N-N-3-01

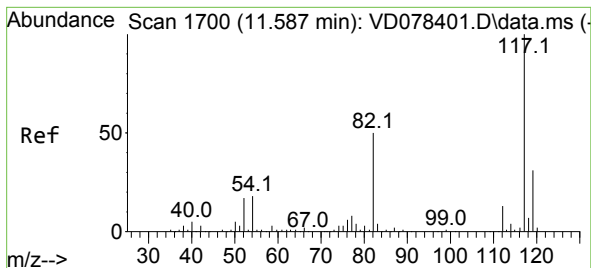
Tgt Ion: 98 Resp: 274093
Ion Ratio Lower Upper
98 100
100 64.8 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 60.512 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078479.D
Acq: 20 Feb 2024 13:19

Tgt Ion: 95 Resp: 97559
Ion Ratio Lower Upper
95 100
174 87.8 0.0 201.8
176 83.2 0.0 191.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD078479.D

Acq: 20 Feb 2024 13:19

Instrument :

MSVOA_D

ClientSampleId :

20240766-AMENDED-COMP-39N-N-3-01

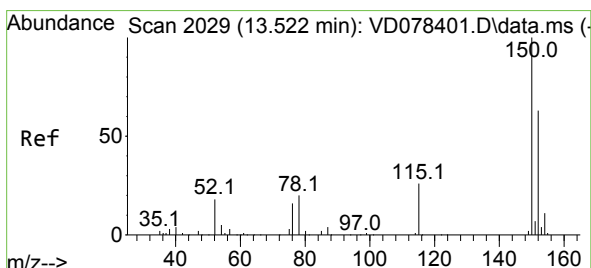
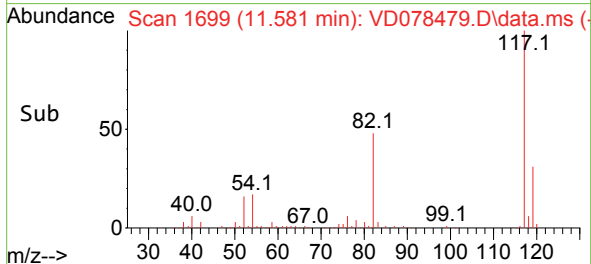
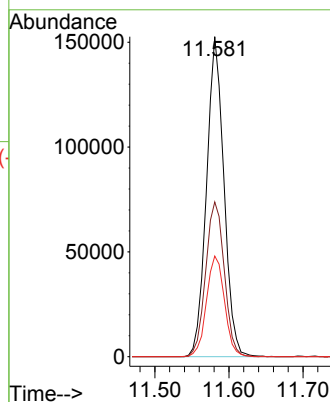
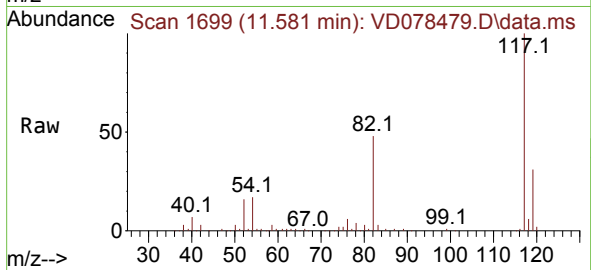
Tgt Ion:117 Resp: 248902

Ion Ratio Lower Upper

117 100

82 48.4 38.3 57.5

119 31.5 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: VD078479.D

Acq: 20 Feb 2024 13:19

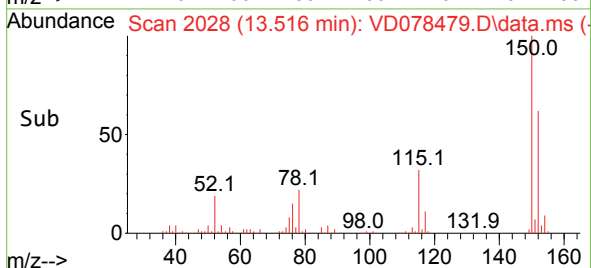
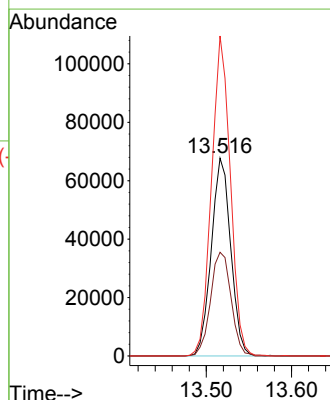
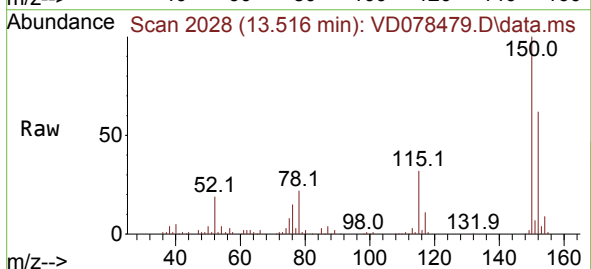
Tgt Ion:152 Resp: 107474

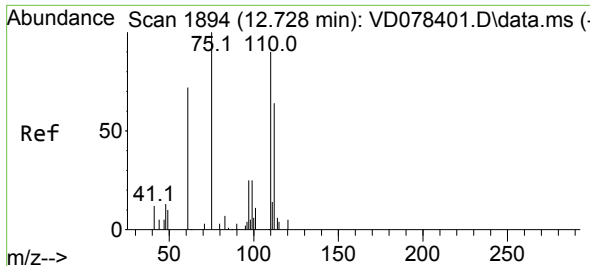
Ion Ratio Lower Upper

152 100

115 55.2 27.1 81.3

150 156.2 0.0 353.6

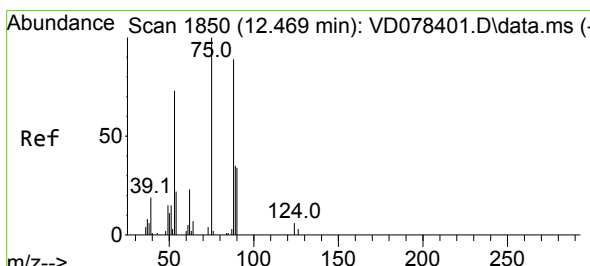
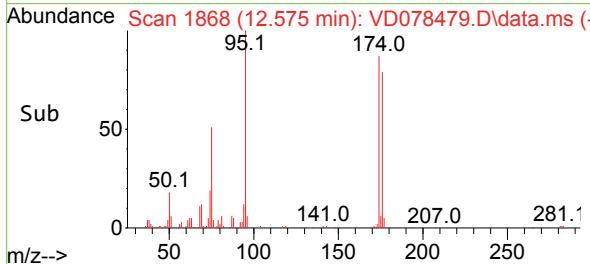
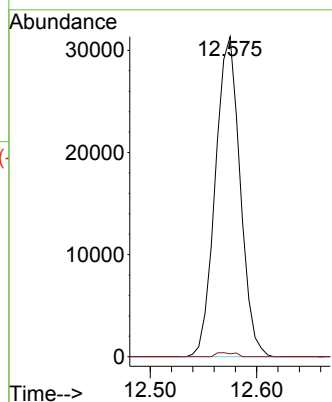
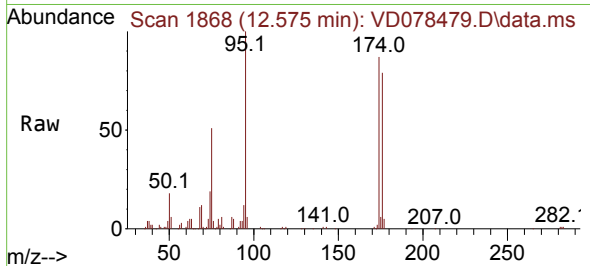




#76
1,2,3-Trichloropropane
Concen: 55.398 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD078479.D
Acq: 20 Feb 2024 13:19

Instrument : MSVOA_D
ClientSampleId : 20240766-AMENDED-COMP-39N-N-3-01

Tgt Ion: 75 Resp: 50546
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 115.007 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD078479.D
Acq: 20 Feb 2024 13:19

Tgt Ion: 75 Resp: 50546
Ion Ratio Lower Upper
75 100
53 0.1 63.0 94.4#
89 0.0 37.9 56.9#

