

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022324\
 Data File : VD078536.D
 Acq On : 23 Feb 2024 15:18
 Operator : RP/MD
 Sample : P1538-11RE
 Misc : 5.08G/6ml/MSVOA_D/SOIL/B
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 20241104-AMENDED-COMPOSITE-35N-N-4-03RE

Quant Time: Feb 24 00:23:40 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	105186	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	199117	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	240371	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	113878	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	45795	40.266	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	80.540%
35) Dibromofluoromethane	7.804	113	28713	22.701	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	45.400%#
50) Toluene-d8	10.269	98	252777	49.960	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.920%
62) 4-Bromofluorobenzene	12.575	95	94327	64.064	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	128.120%

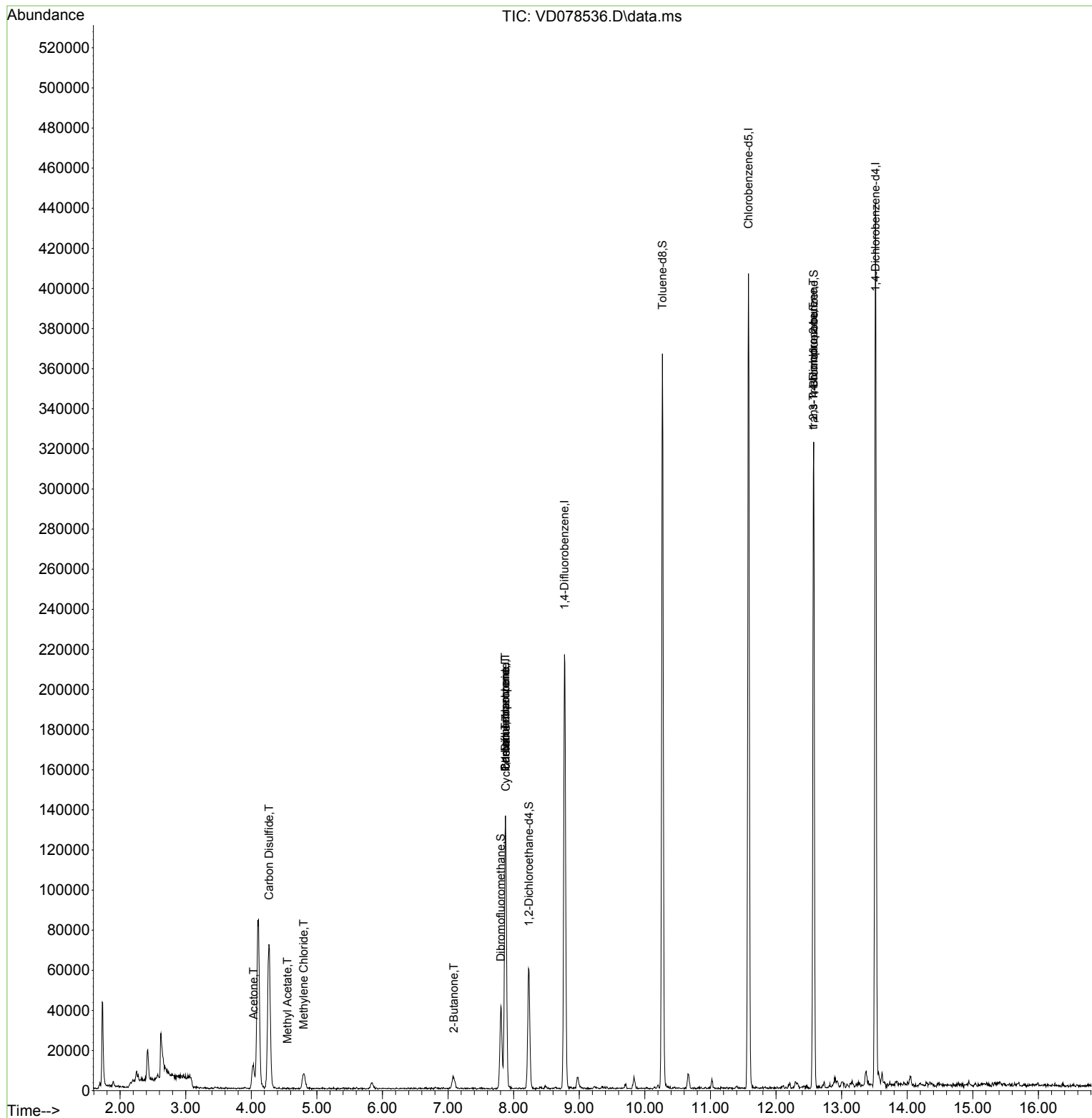
Target Compounds						Qvalue
16) Acetone	4.034	43	20314	74.556	ug/l	88
17) Carbon Disulfide	4.269	76	157085	40.712	ug/l	98
18) Methyl Acetate	4.552	43	54	4.001	ug/l #	42
20) Methylene Chloride	4.799	84	6469	2.059	ug/l #	81
25) 2-Butanone	7.087	43	5062	1.993	ug/l #	78
31) Cyclohexane	7.881	56	2542	1.321	ug/l #	33
36) 1,1-Dichloropropene	7.875	75	8785	4.471	ug/l #	46
38) Carbon Tetrachloride	7.875	117	11077	5.693	ug/l #	16
76) 1,2,3-Trichloropropane	12.569	75	52127	53.918	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	52127	111.934	ug/l #	17

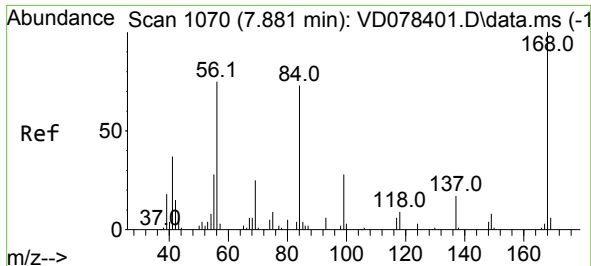
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Feb 14 01:16:20 2024
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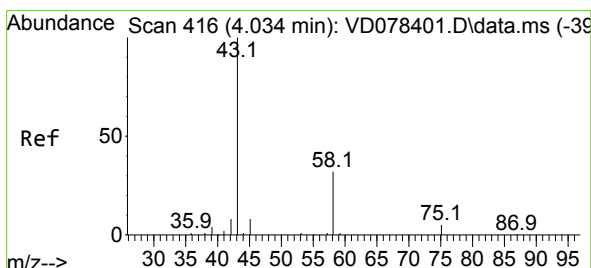
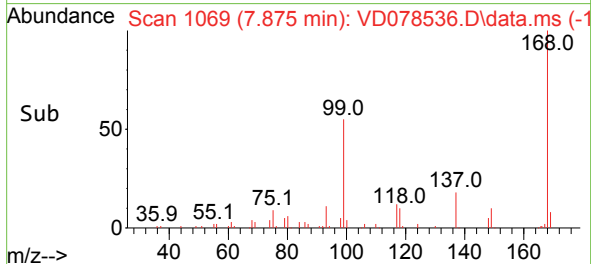
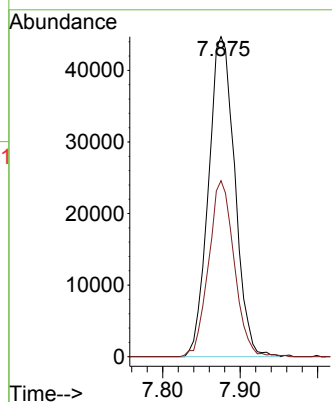
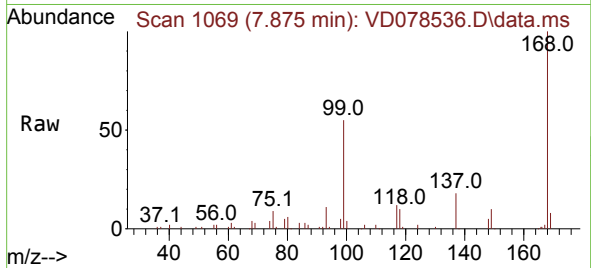




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1070
Delta R.T. -0.006 min
Lab File: VD078536.D
Acq: 23 Feb 2024 15:18

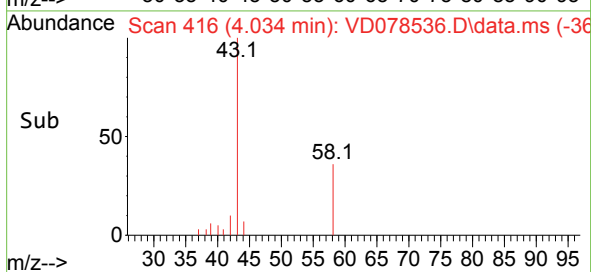
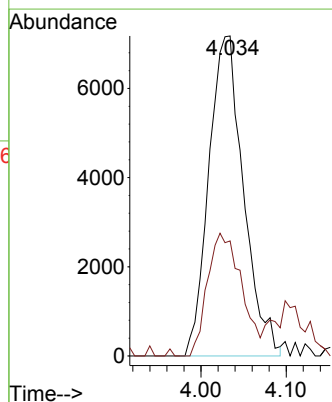
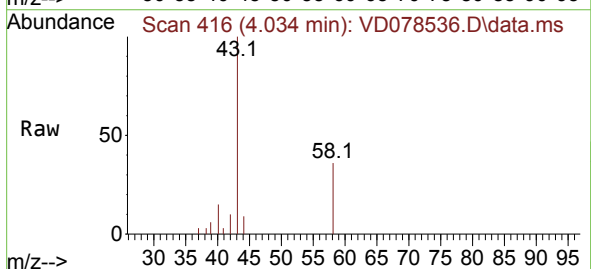
Instrument : MSVOA_D
ClientSampleId : 20241104-AMENDED-COMPOSITE-35N-N-4-03RE

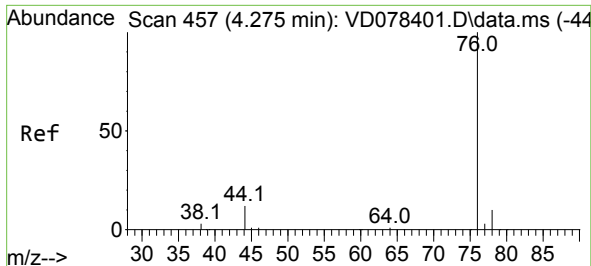
Tgt Ion:168 Resp: 105186
Ion Ratio Lower Upper
168 100
99 55.0 36.7 55.1



#16
Acetone
Concen: 74.556 ug/l
RT: 4.034 min Scan# 416
Delta R.T. 0.000 min
Lab File: VD078536.D
Acq: 23 Feb 2024 15:18

Tgt Ion: 43 Resp: 20314
Ion Ratio Lower Upper
43 100
58 36.0 34.7 52.1

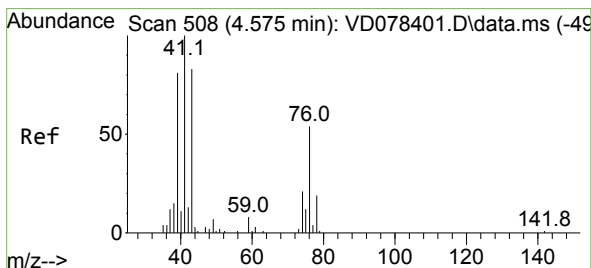
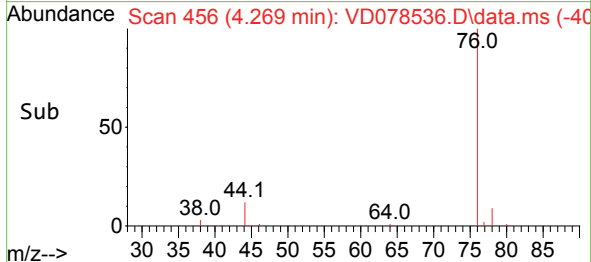
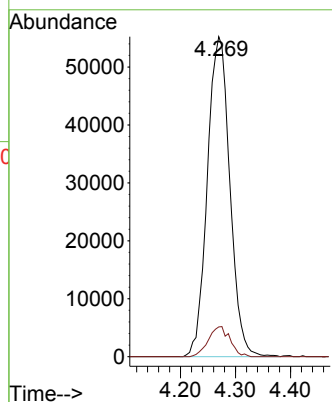
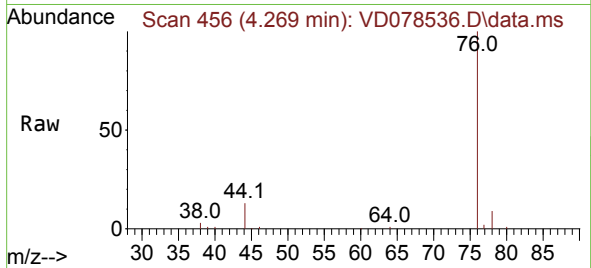




#17
Carbon Disulfide
Concen: 40.712 ug/l
RT: 4.269 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD078536.D
Acq: 23 Feb 2024 15:18

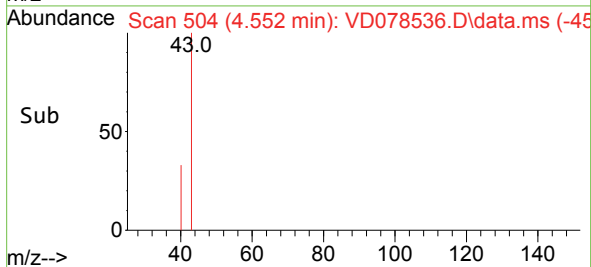
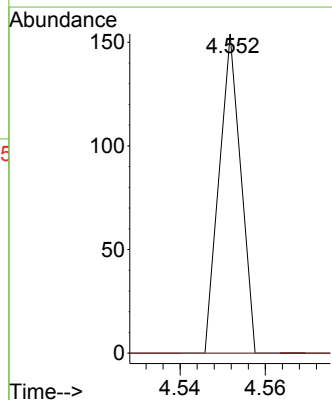
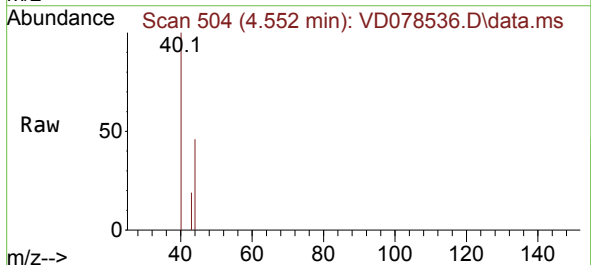
Instrument : MSVOA_D
ClientSampleId : 20241104-AMENDED-COMPOSITE-35N-N-4-03RE

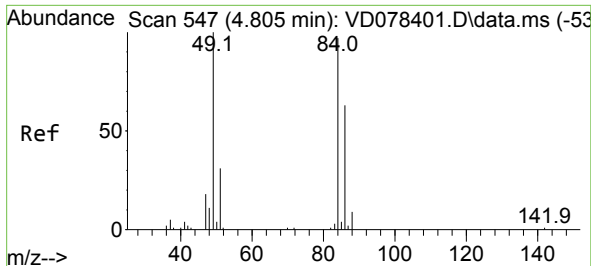
Tgt Ion: 76 Resp: 157085
Ion Ratio Lower Upper
76 100
78 9.3 6.8 10.2



#18
Methyl Acetate
Concen: 4.001 ug/l
RT: 4.552 min Scan# 504
Delta R.T. -0.023 min
Lab File: VD078536.D
Acq: 23 Feb 2024 15:18

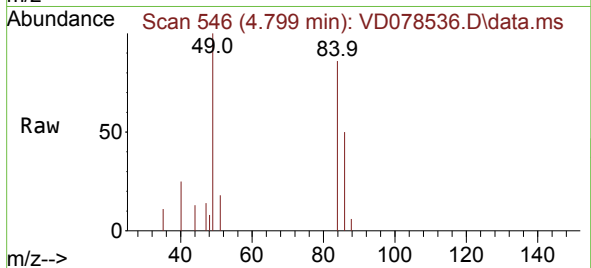
Tgt Ion: 43 Resp: 54
Ion Ratio Lower Upper
43 100
74 0.0 26.4 39.6#



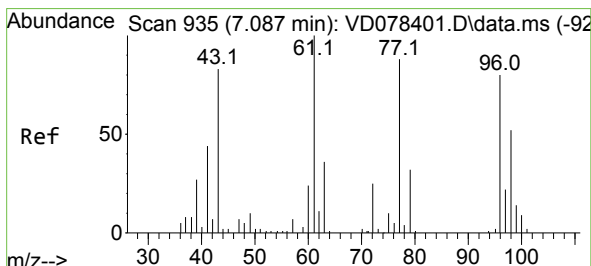
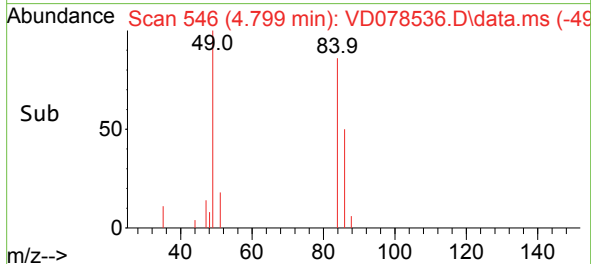
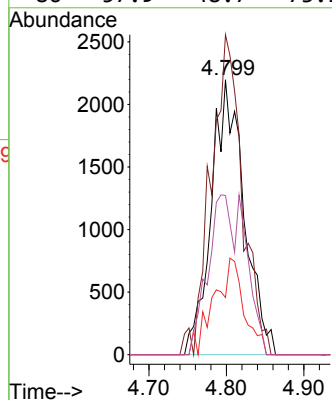


#20
Methylene Chloride
Concen: 2.059 ug/l
RT: 4.799 min Scan# 547
Delta R.T. -0.006 min
Lab File: VD078536.D
Acq: 23 Feb 2024 15:18

Instrument : MSVOA_D
ClientSampleId : 20241104-AMENDED-COMPOSITE-35N-N-4-03RE

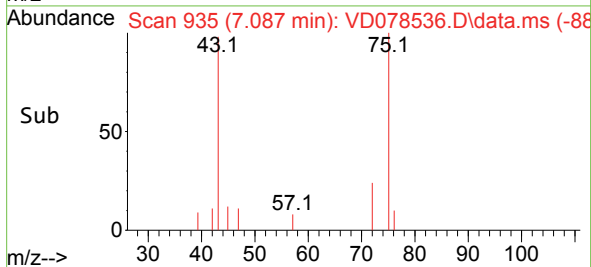
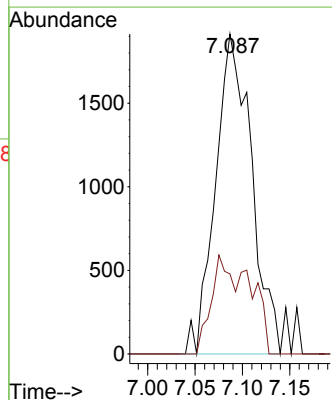
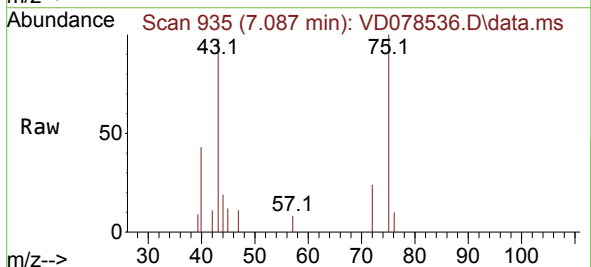


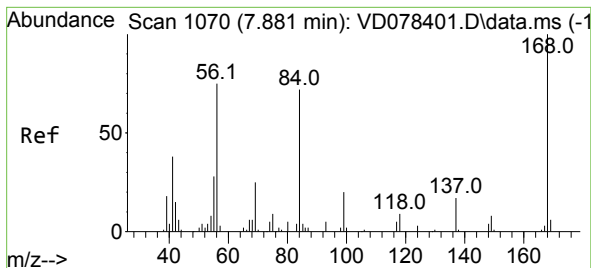
Tgt Ion:	84	Resp:	6469
Ion	Ratio	Lower	Upper
84	100		
49	116.4	71.4	107.2#
51	20.8	24.5	36.7#
86	57.9	48.7	73.1



#25
2-Butanone
Concen: 1.993 ug/l
RT: 7.087 min Scan# 935
Delta R.T. -0.000 min
Lab File: VD078536.D
Acq: 23 Feb 2024 15:18

Tgt Ion:	43	Resp:	5062
Ion	Ratio	Lower	Upper
43	100		
72	25.0	30.7	46.1#





#31

Cyclohexane

Concen: 1.321 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. -0.000 min

Lab File: VD078536.D

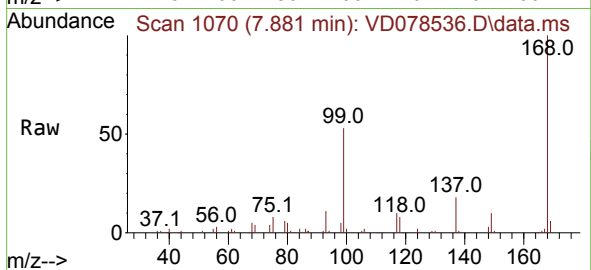
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Instrument :

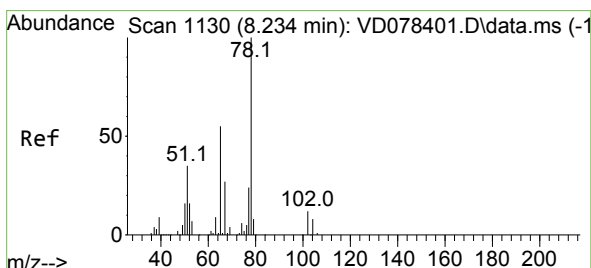
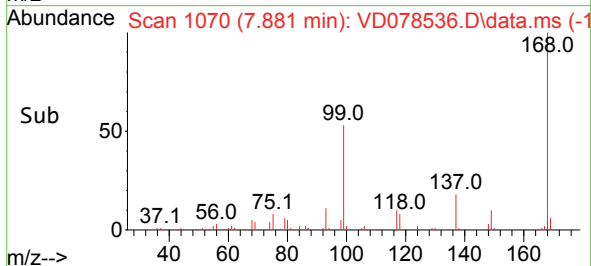
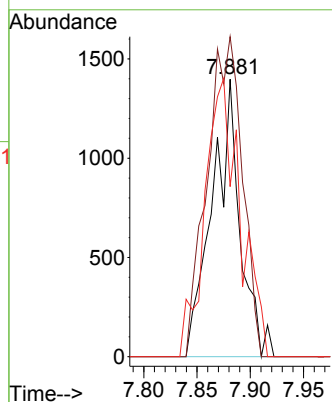
MSVOA_D

ClientSampleId :

20241104-AMENDED-COMPOSITE-35N-N-4-03RE



Tgt Ion: 56	Resp: 2542
Ion Ratio	Lower Upper
56	100
69	115.3 28.6 43.0#
84	61.3 84.8 127.2#



#33

1,2-Dichloroethane-d4

Concen: 40.266 ug/l

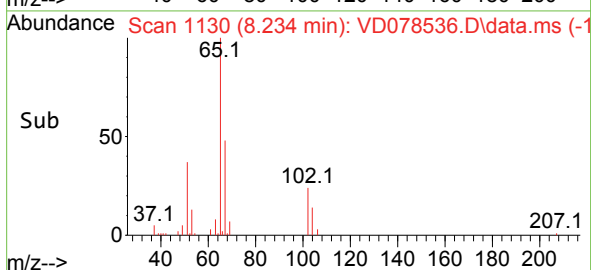
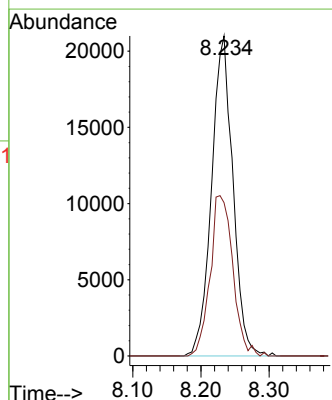
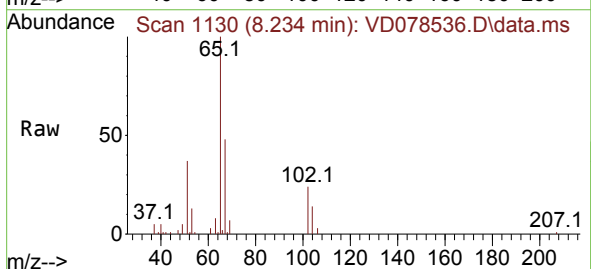
RT: 8.234 min Scan# 1130

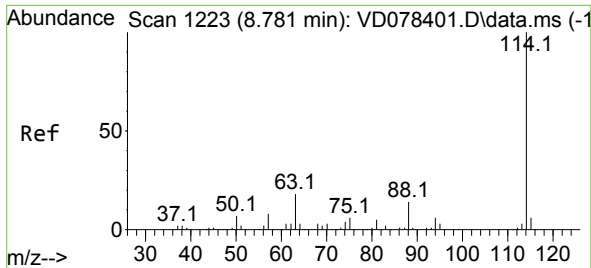
Delta R.T. -0.000 min

Lab File: VD078536.D

Acq: 23 Feb 2024 15:18

Tgt Ion: 65	Resp: 45795
Ion Ratio	Lower Upper
65	100
67	53.3 0.0 115.0

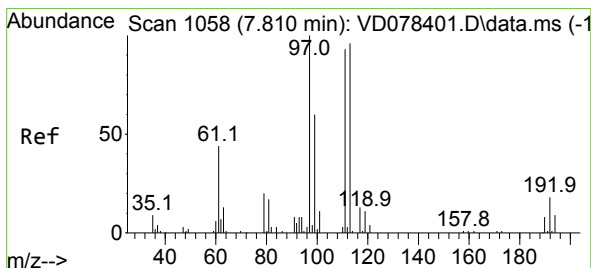
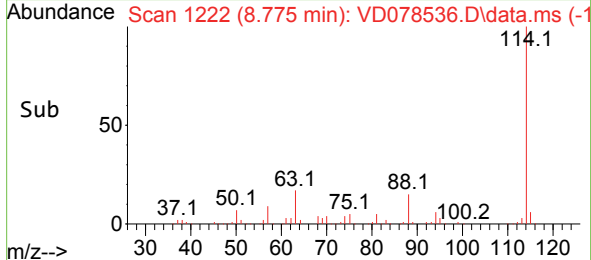
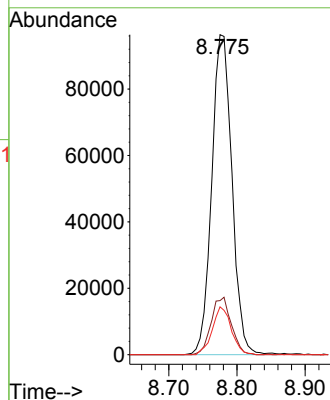
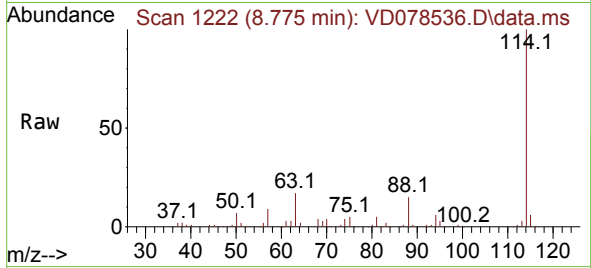




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD078536.D
Acq: 23 Feb 2024 15:18

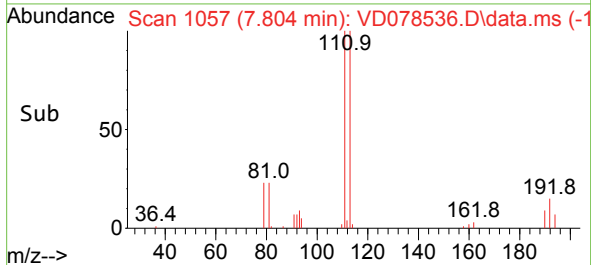
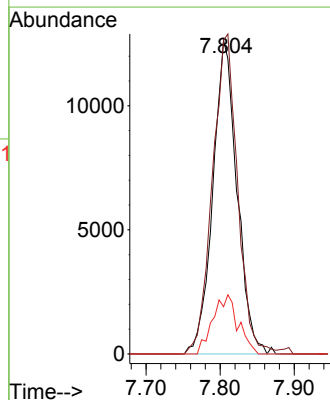
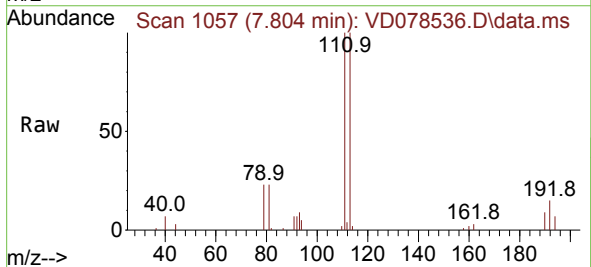
Instrument :
MSVOA_D
ClientSampleId :
20241104-AMENDED-COMPOSITE-35N-N-4-03RE

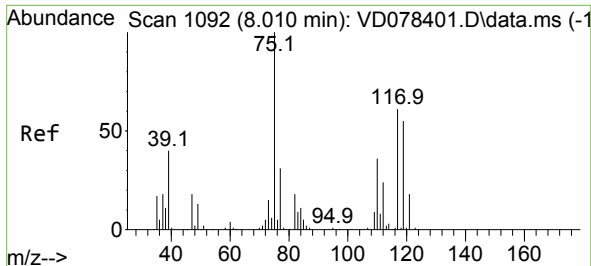
Tgt Ion:114 Resp: 199117
Ion Ratio Lower Upper
114 100
63 16.9 0.0 33.4
88 14.9 0.0 26.2



#35
Dibromofluoromethane
Concen: 22.701 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VD078536.D
Acq: 23 Feb 2024 15:18

Tgt Ion:113 Resp: 28713
Ion Ratio Lower Upper
113 100
111 105.3 84.7 127.1
192 19.6 16.8 25.2





#36

1,1-Dichloropropene

Concen: 4.471 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.135 min

Lab File: VD078536.D

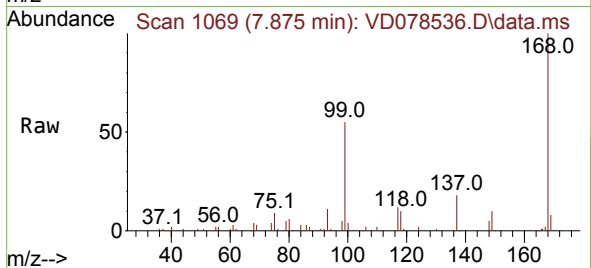
Acq: 23 Feb 2024 15:18

Instrument :

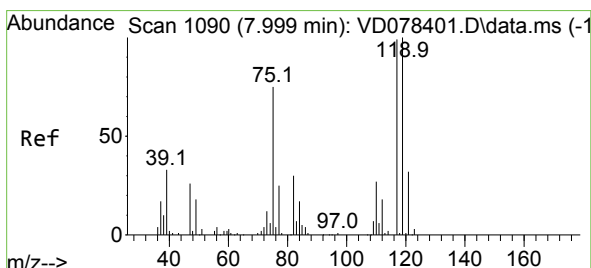
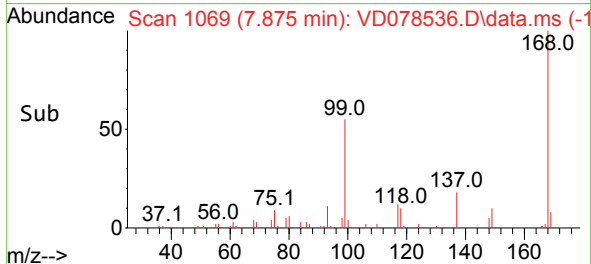
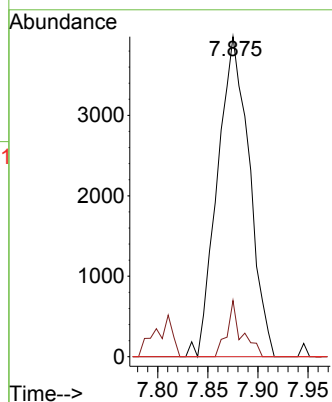
MSVOA_D

ClientSampleId :

20241104-AMENDED-COMPOSITE-35N-N-4-03RE



Tgt Ion: 75	Resp: 8785
Ion Ratio	Lower Upper
75	100
110	8.0 19.9 59.6#
77	0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 5.693 ug/l

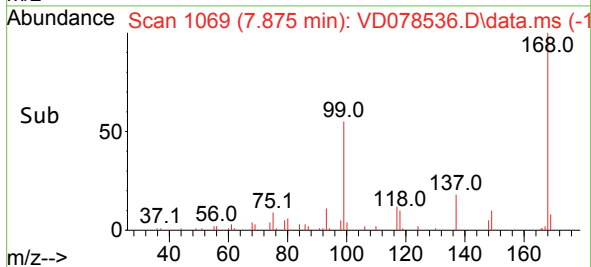
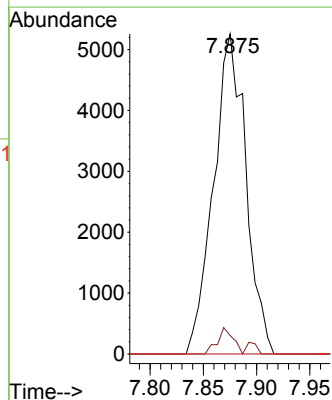
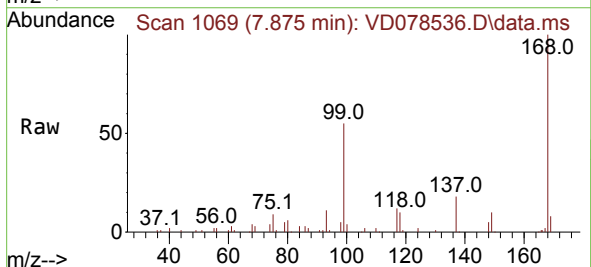
RT: 7.875 min Scan# 1069

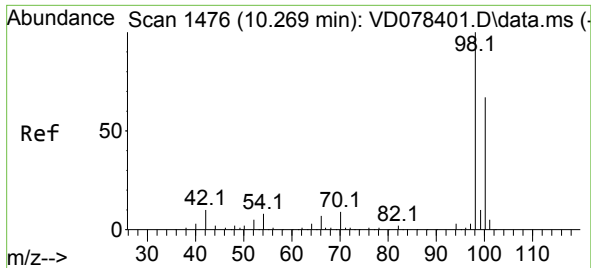
Delta R.T. -0.124 min

Lab File: VD078536.D

Acq: 23 Feb 2024 15:18

Tgt Ion: 117	Resp: 11077
Ion Ratio	Lower Upper
117	100
119	5.7 78.0 117.0#
121	0.0 24.2 36.2#

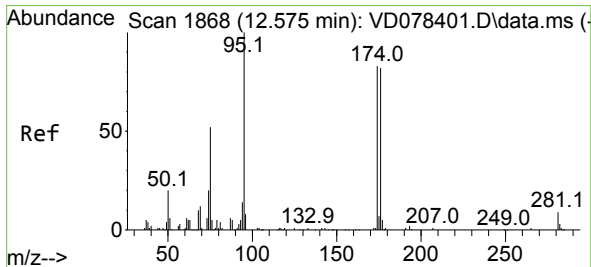
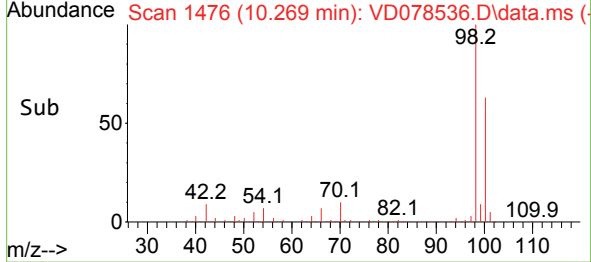
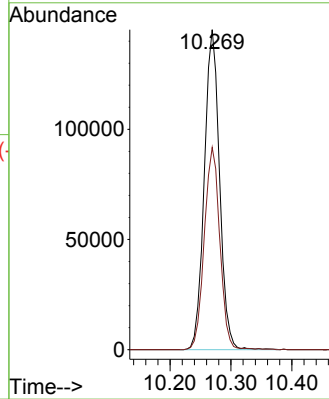
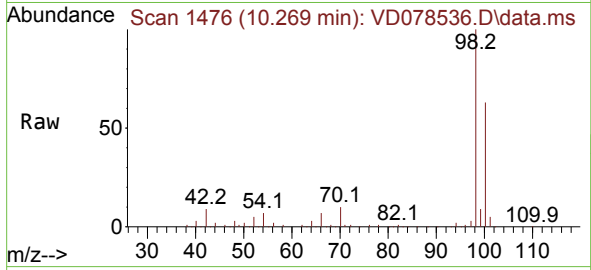




#50
Toluene-d8
Concen: 49.960 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD078536.D
Acq: 23 Feb 2024 15:18

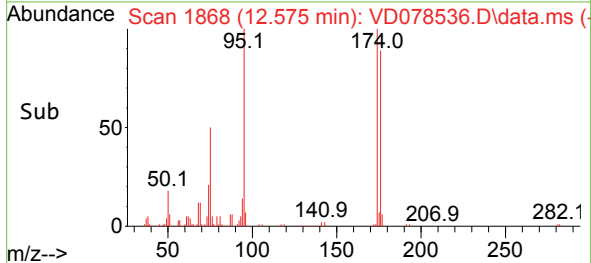
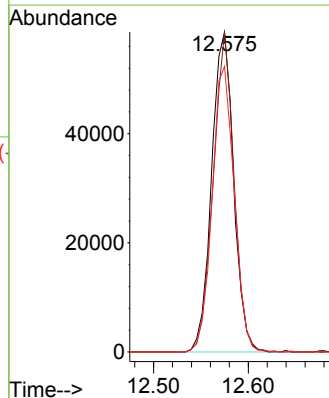
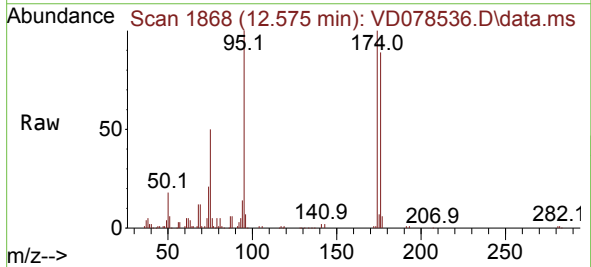
Instrument : MSVOA_D
ClientSampleId : 20241104-AMENDED-COMPOSITE-35N-N-4-03RE

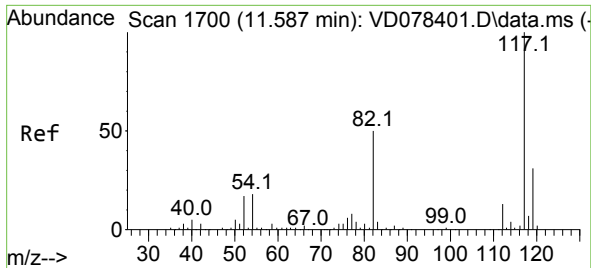
Tgt Ion: 98 Resp: 252777
Ion Ratio Lower Upper
98 100
100 64.4 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 64.064 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD078536.D
Acq: 23 Feb 2024 15:18

Tgt Ion: 95 Resp: 94327
Ion Ratio Lower Upper
95 100
174 94.6 0.0 201.8
176 90.4 0.0 191.8

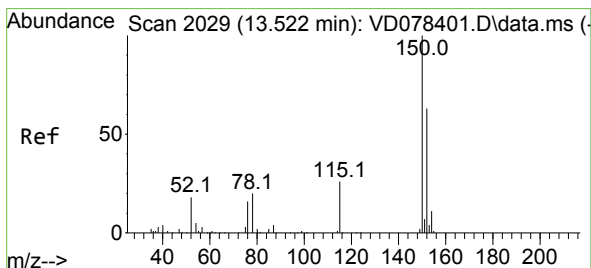
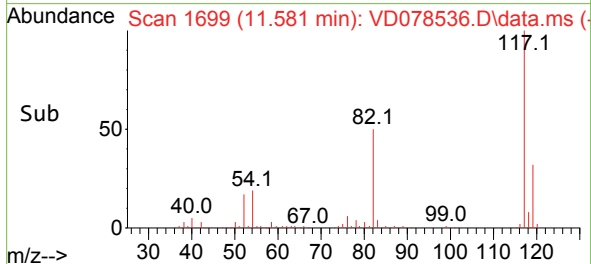
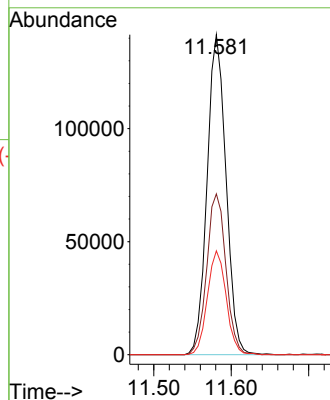
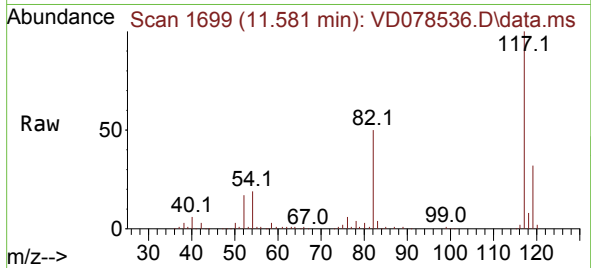




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VD078536.D
Acq: 23 Feb 2024 15:18

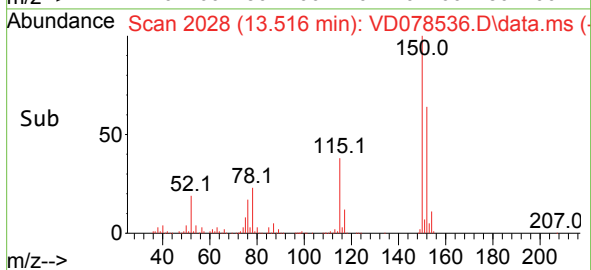
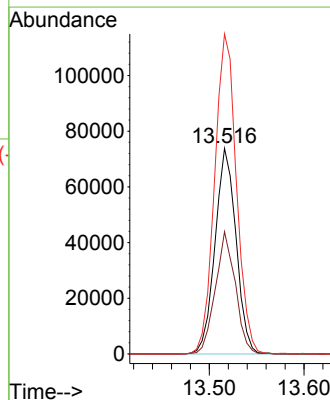
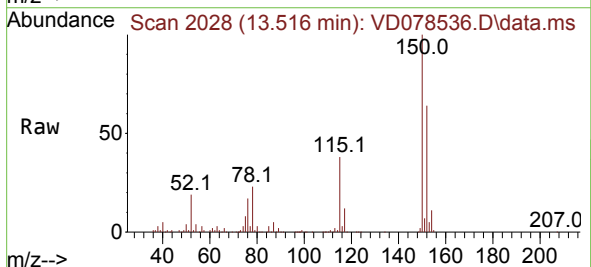
Instrument :
MSVOA_D
ClientSampleId :
20241104-AMENDED-COMPOSITE-35N-N-4-03RE

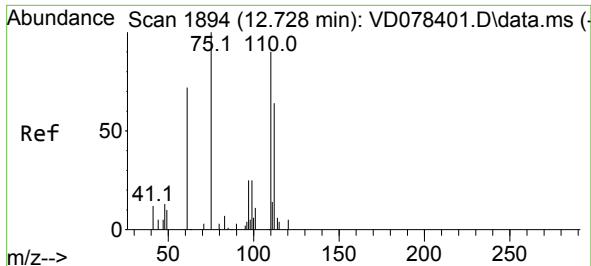
Tgt Ion:117 Resp: 240371
Ion Ratio Lower Upper
117 100
82 50.2 38.3 57.5
119 32.4 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD078536.D
Acq: 23 Feb 2024 15:18

Tgt Ion:152 Resp: 113878
Ion Ratio Lower Upper
152 100
115 56.7 27.1 81.3
150 161.2 0.0 353.6

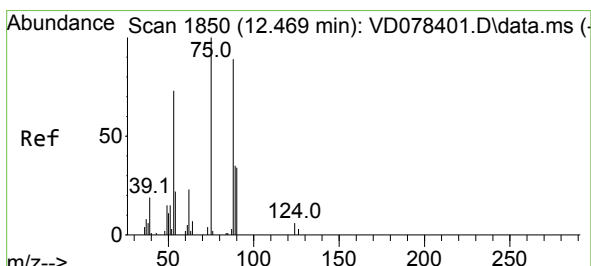
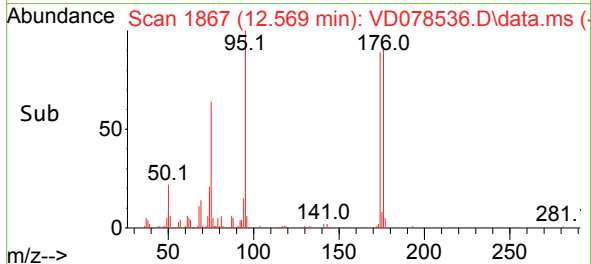
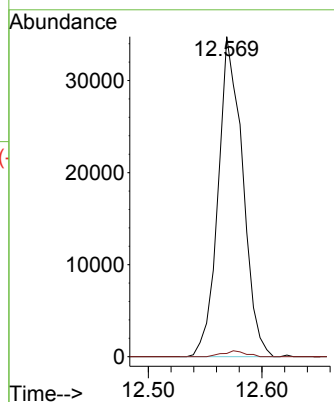
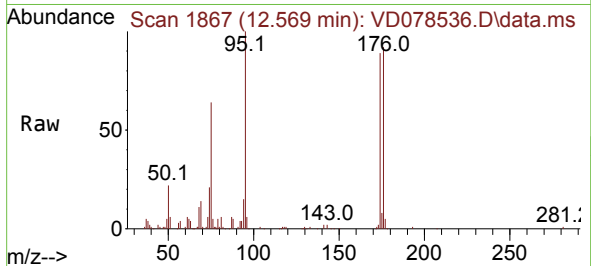




#76
1,2,3-Trichloropropane
Concen: 53.918 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.159 min
Lab File: VD078536.D
Acq: 23 Feb 2024 15:18

Instrument : MSVOA_D
ClientSampleId : 20241104-AMENDED-COMPOSITE-35N-N-4-03RE

Tgt Ion: 75 Resp: 52127
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 111.934 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.100 min
Lab File: VD078536.D
Acq: 23 Feb 2024 15:18

Tgt Ion: 75 Resp: 52127
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.0 37.9 56.9#

