

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031824\
 Data File : VD078703.D
 Acq On : 18 Mar 2024 18:06
 Operator : RP/MD
 Sample : P1746-01RE
 Misc : 4.77G/5ml/MSVOA_D/SOIL/B
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-15

Quant Time: Mar 19 01:29:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 05:38:03 2024
 Response via : Initial Calibration

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

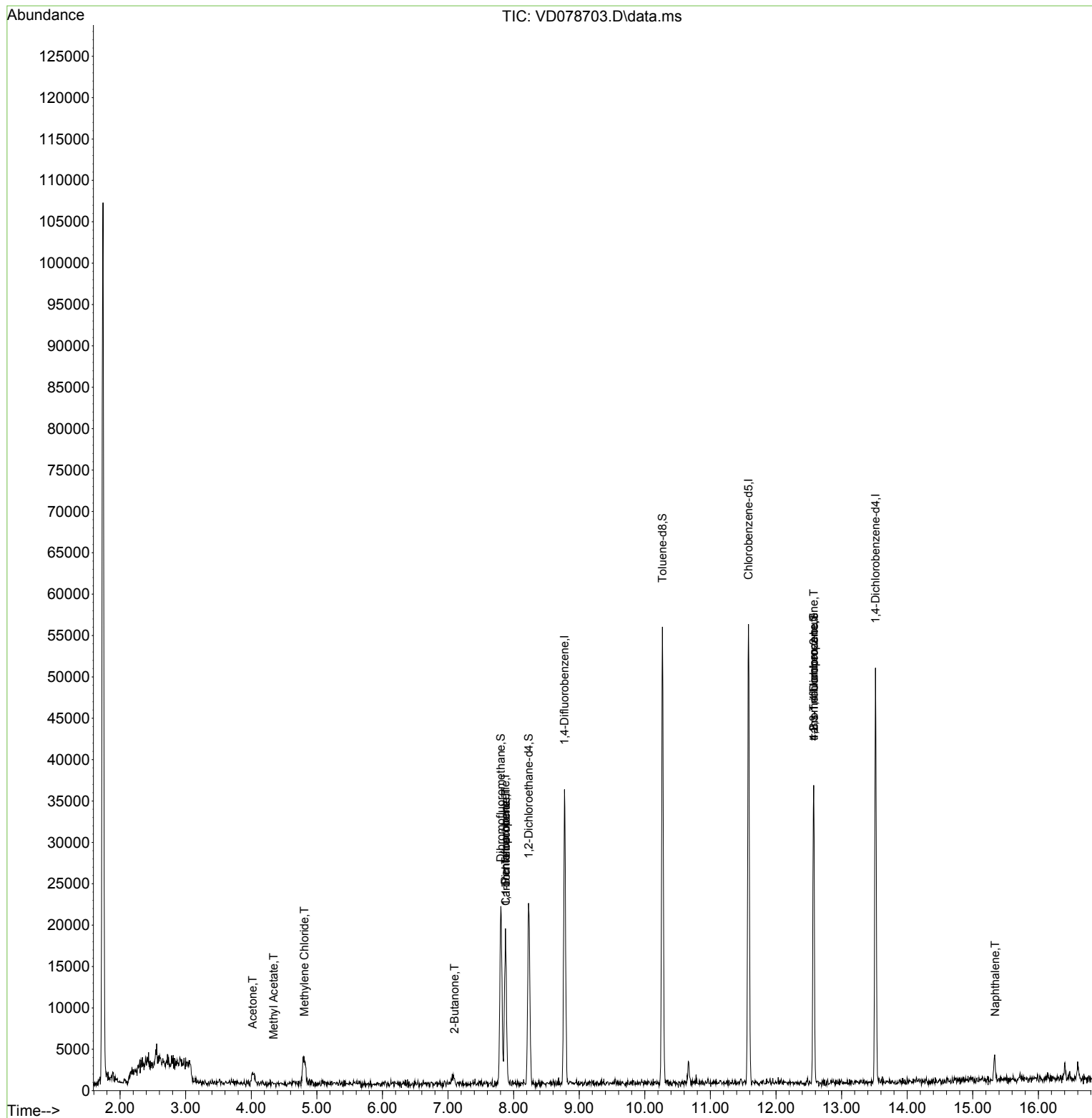
Internal Standards						
1) Pentafluorobenzene	7.875	168	14699	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	32816	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	34428	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	13501	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	17663	128.222	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 256.440%#	
35) Dibromofluoromethane	7.805	113	15297	72.400	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 144.800%	
50) Toluene-d8	10.269	98	38852	50.000	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.000%	
62) 4-Bromofluorobenzene	12.575	95	10861	47.777	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 95.560%	
Target Compounds						
					Qvalue	
16) Acetone	4.022	43	2866	107.591	ug/l #	39
18) Methyl Acetate	4.340	43	60	1.050	ug/l #	43
20) Methylene Chloride	4.811	84	2902	12.307	ug/l #	83
25) 2-Butanone	7.099	43	641	18.100	ug/l #	43
36) 1,1-Dichloropropene	7.881	75	756	2.466	ug/l #	40
38) Carbon Tetrachloride	7.881	117	1556	4.815	ug/l #	11
76) 1,2,3-Trichloropropane	12.575	75	5600	53.837	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	5600	112.852	ug/l #	19
95) Naphthalene	15.339	128	3464	8.521	ug/l #	94

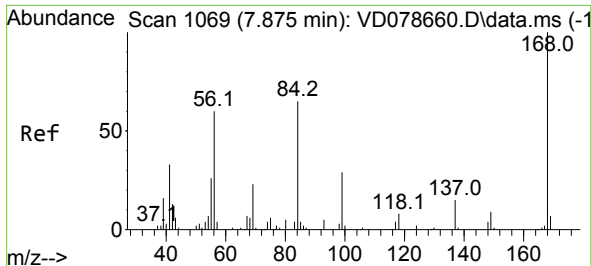
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

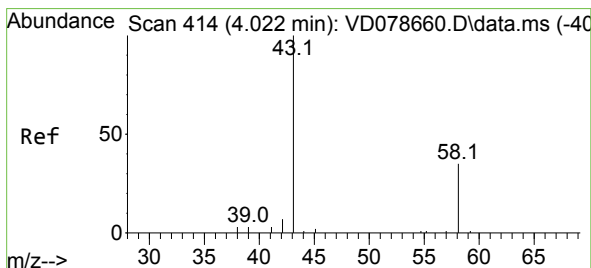
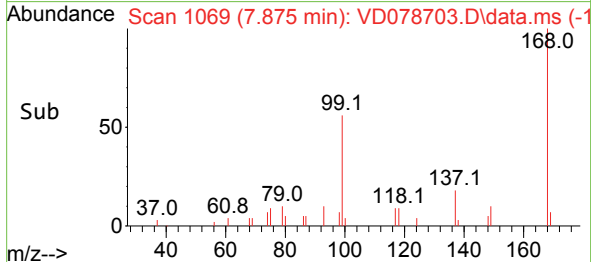
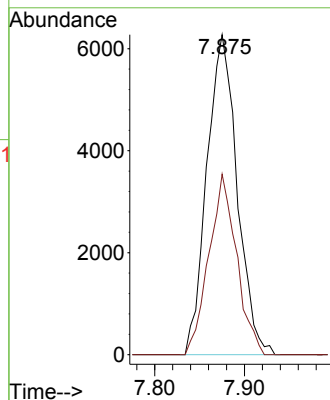
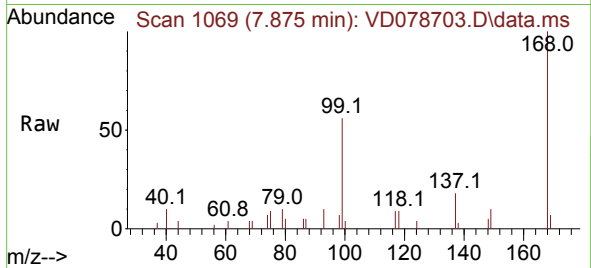




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD078703.D
Acq: 18 Mar 2024 18:06

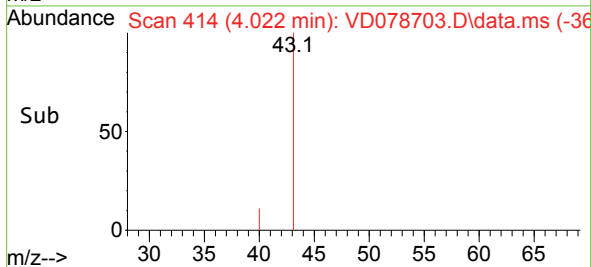
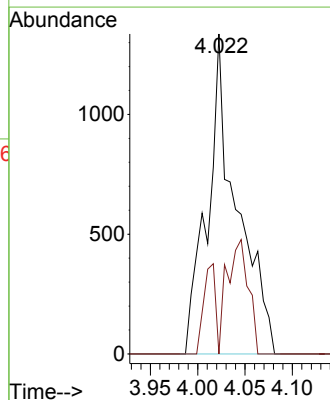
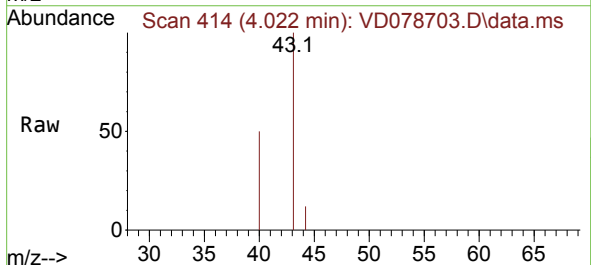
Instrument :
MSVOA_D
ClientSampleId :
TP-15

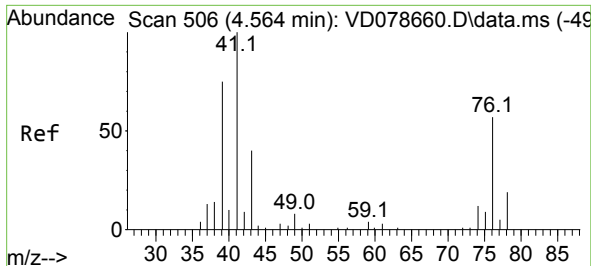
Tgt Ion:168 Resp: 14699
Ion Ratio Lower Upper
168 100
99 56.4 38.8 58.2



#16
Acetone
Concen: 107.591 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.000 min
Lab File: VD078703.D
Acq: 18 Mar 2024 18:06

Tgt Ion: 43 Resp: 2866
Ion Ratio Lower Upper
43 100
58 0.0 28.2 42.4#

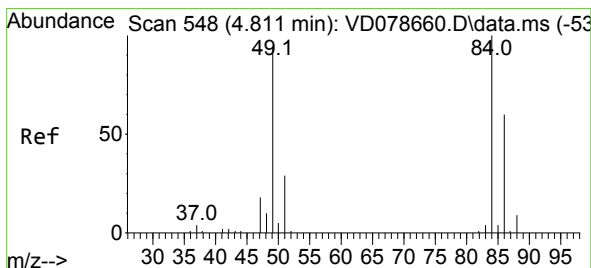
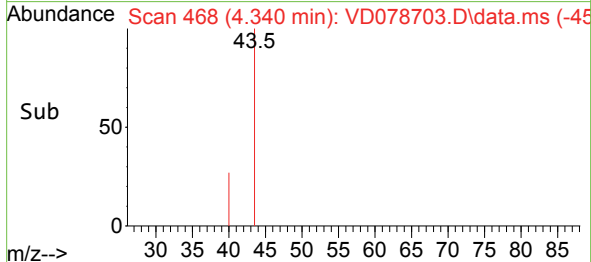
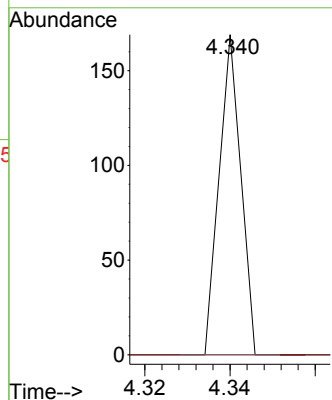
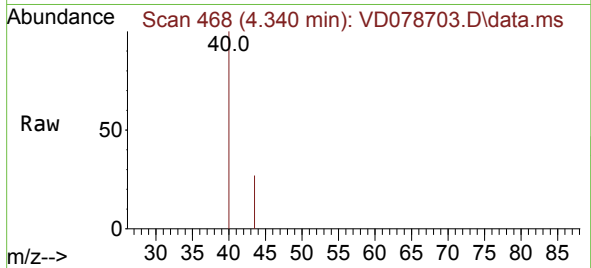




#18
Methyl Acetate
Concen: 1.050 ug/l
RT: 4.340 min Scan# 41
Delta R.T. -0.224 min
Lab File: VD078703.D
Acq: 18 Mar 2024 18:06

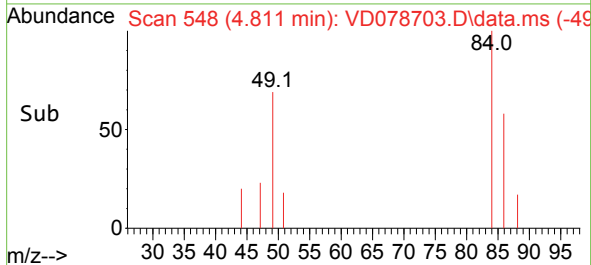
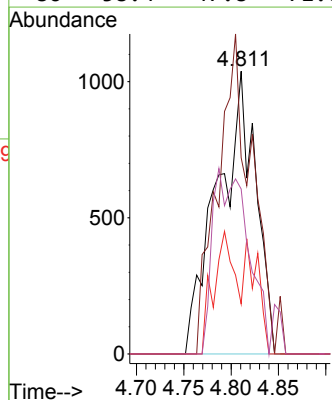
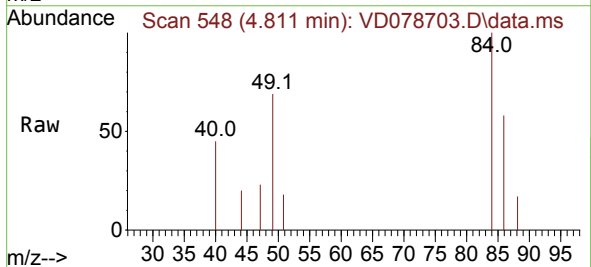
Instrument :
MSVOA_D
ClientSampleId :
TP-15

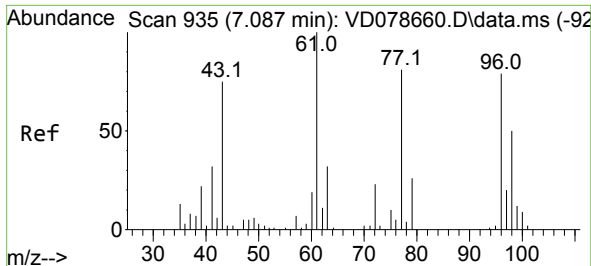
Tgt Ion: 43 Resp: 60
Ion Ratio Lower Upper
43 100
74 0.0 25.3 37.9#



#20
Methylene Chloride
Concen: 12.307 ug/l
RT: 4.811 min Scan# 548
Delta R.T. -0.000 min
Lab File: VD078703.D
Acq: 18 Mar 2024 18:06

Tgt Ion: 84 Resp: 2902
Ion Ratio Lower Upper
84 100
49 69.5 75.6 113.4#
51 17.7 23.4 35.0#
86 58.4 47.8 71.6

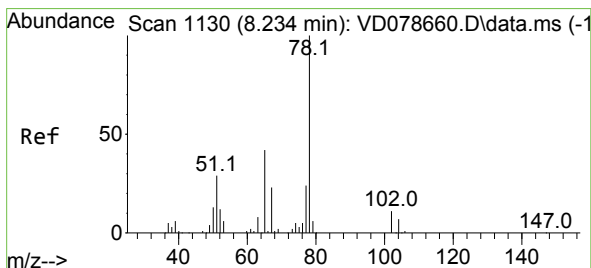
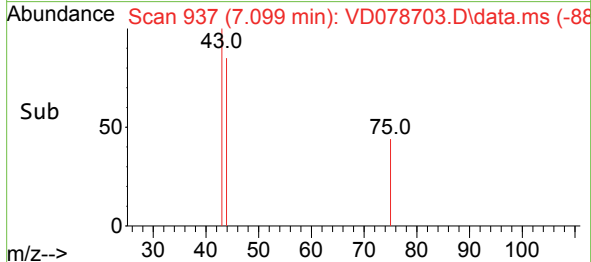
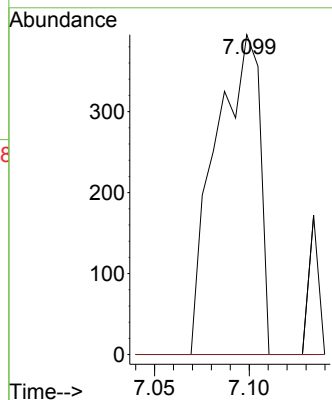
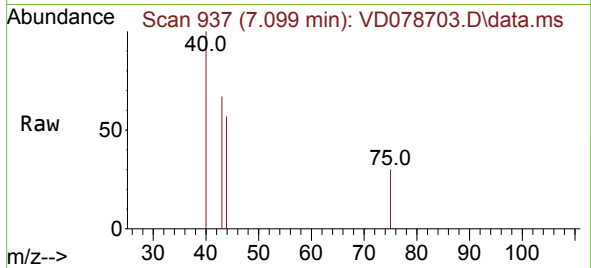




#25
2-Butanone
Concen: 18.100 ug/l
RT: 7.099 min Scan# 91
Delta R.T. 0.012 min
Lab File: VD078703.D
Acq: 18 Mar 2024 18:06

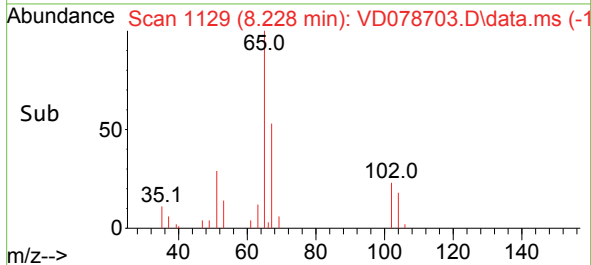
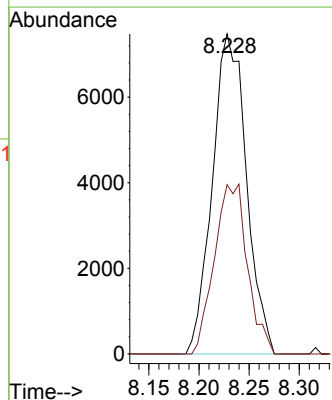
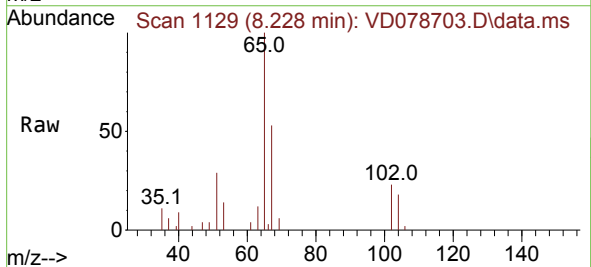
Instrument :
MSVOA_D
ClientSampleId :
TP-15

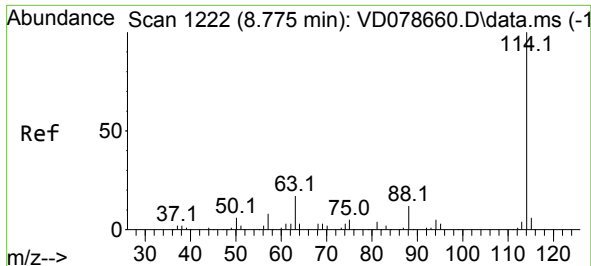
Tgt Ion: 43 Resp: 641
Ion Ratio Lower Upper
43 100
72 0.0 25.0 37.6#



#33
1,2-Dichloroethane-d4
Concen: 128.222 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD078703.D
Acq: 18 Mar 2024 18:06

Tgt Ion: 65 Resp: 17663
Ion Ratio Lower Upper
65 100
67 51.6 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD078703.D

Acq: 18 Mar 2024 18:06

Instrument :

MSVOA_D

ClientSampleId :

TP-15

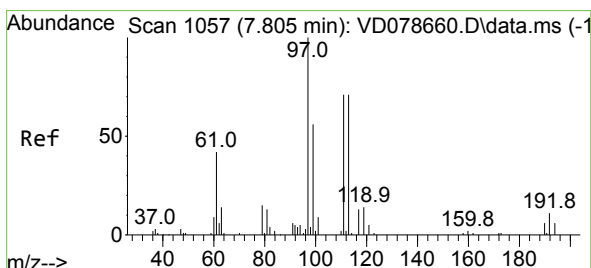
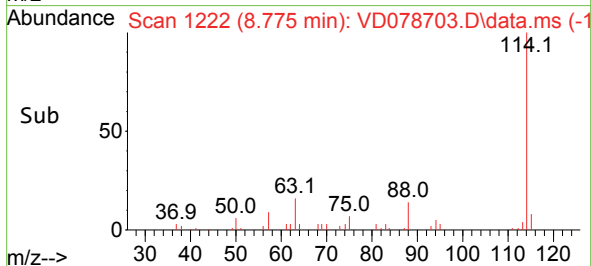
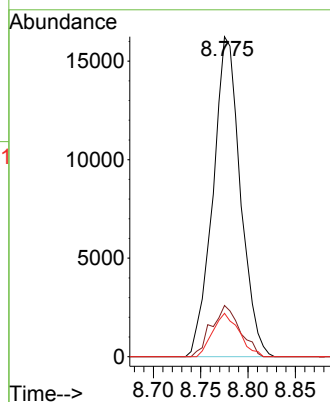
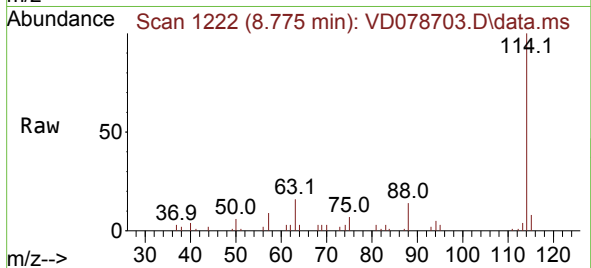
Tgt Ion:114 Resp: 32816

Ion Ratio Lower Upper

114 100

63 16.0 0.0 33.4

88 13.5 0.0 24.6



#35

Dibromofluoromethane

Concen: 72.400 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD078703.D

Acq: 18 Mar 2024 18:06

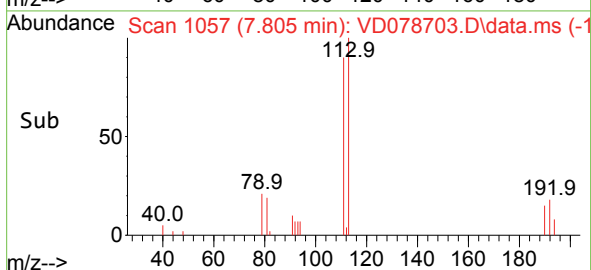
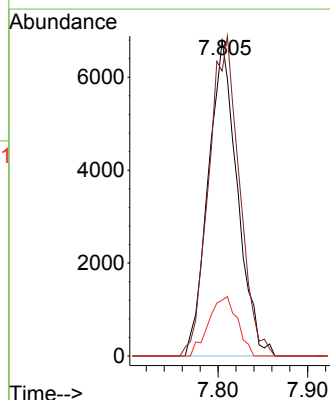
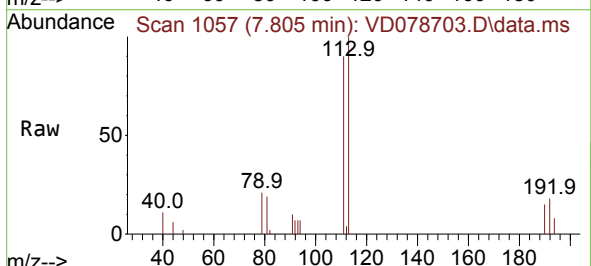
Tgt Ion:113 Resp: 15297

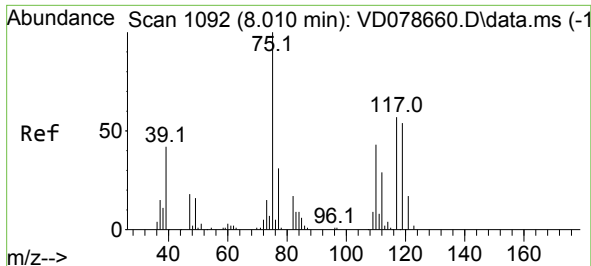
Ion Ratio Lower Upper

113 100

111 106.1 81.9 122.9

192 18.5 15.4 23.0

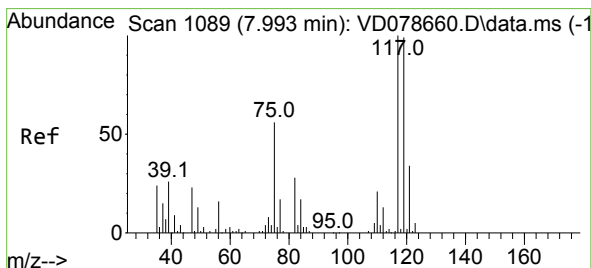
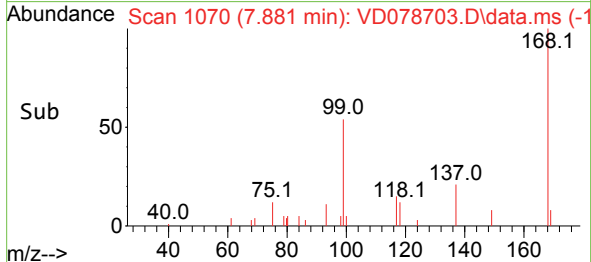
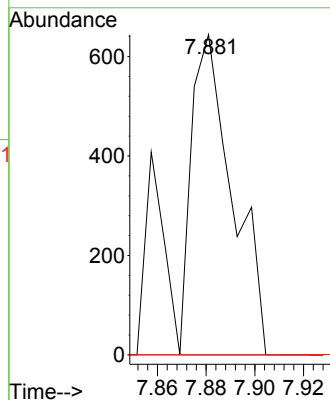
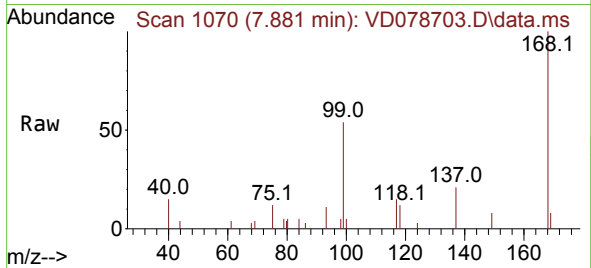




#36
1,1-Dichloropropene
Concen: 2.466 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.129 min
Lab File: VD078703.D
Acq: 18 Mar 2024 18:06

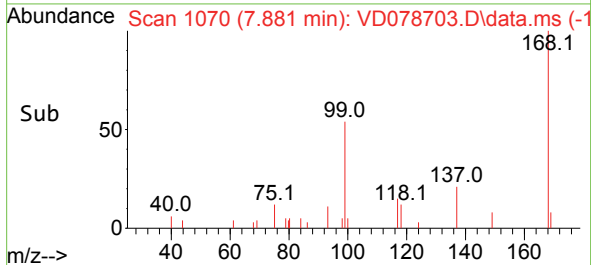
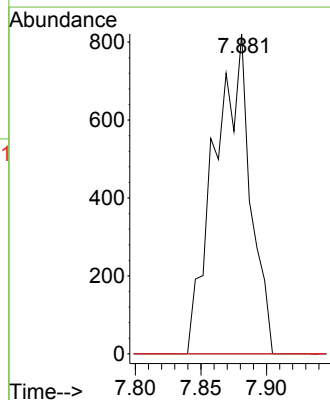
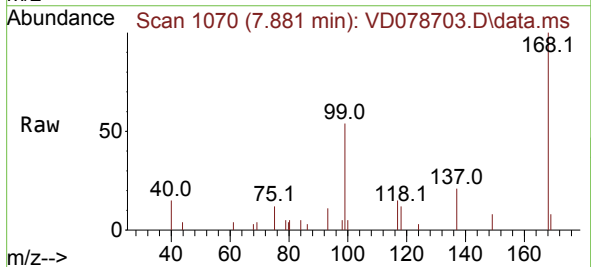
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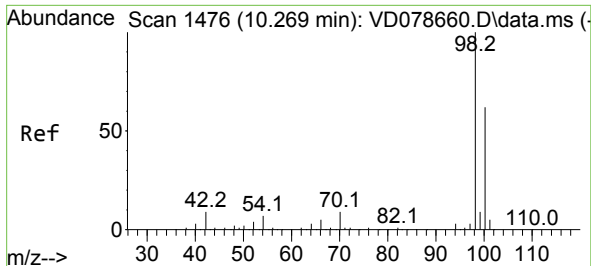
Tgt Ion: 75 Resp: 756
Ion Ratio Lower Upper
75 100
110 0.0 19.1 57.1#
77 0.0 25.4 38.2#



#38
Carbon Tetrachloride
Concen: 4.815 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.112 min
Lab File: VD078703.D
Acq: 18 Mar 2024 18:06

Tgt Ion: 117 Resp: 1556
Ion Ratio Lower Upper
117 100
119 0.0 79.2 118.8#
121 0.0 26.8 40.2#

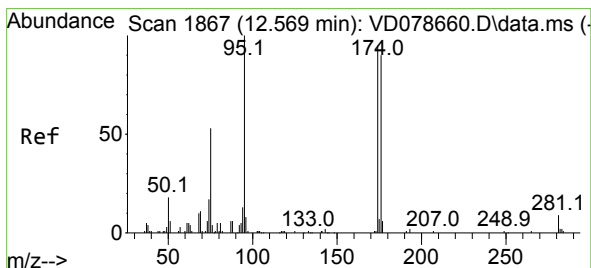
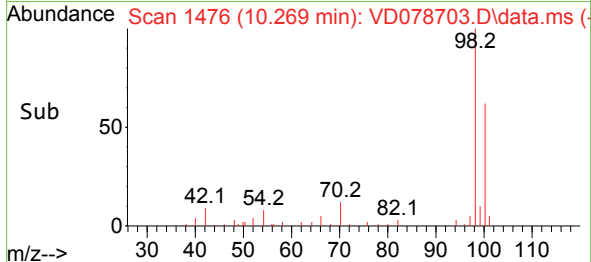
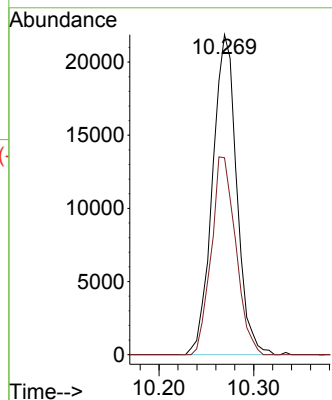
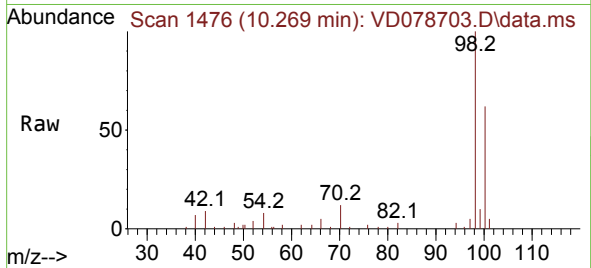




#50
Toluene-d8
Concen: 50.000 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD078703.D
Acq: 18 Mar 2024 18:06

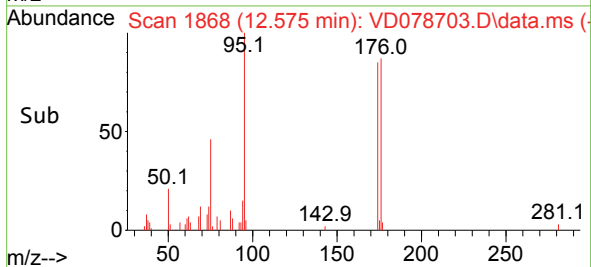
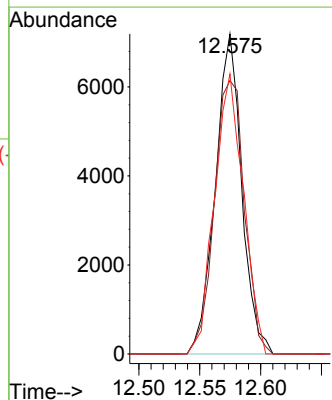
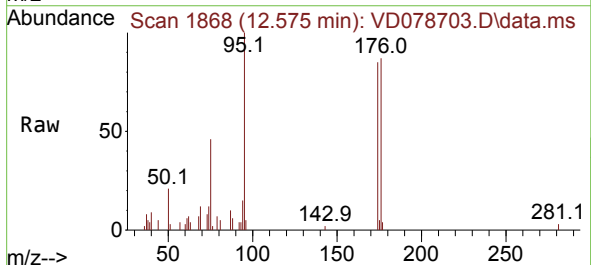
Instrument :
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TP-15

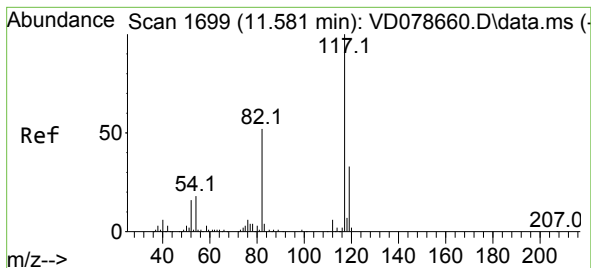
Tgt Ion: 98 Resp: 38852
Ion Ratio Lower Upper
98 100
100 62.4 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 47.777 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD078703.D
Acq: 18 Mar 2024 18:06

Tgt Ion: 95 Resp: 10861
Ion Ratio Lower Upper
95 100
174 97.7 0.0 195.2
176 95.7 0.0 188.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD078703.D

Acq: 18 Mar 2024 18:06

Instrument :

MSVOA_D

ClientSampleId :

TP-15

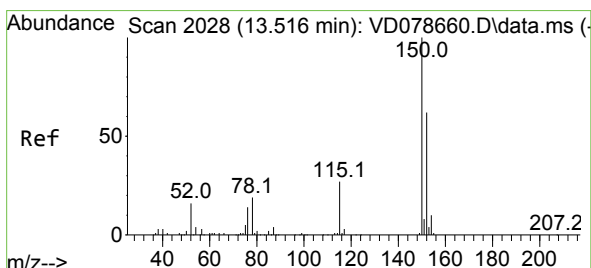
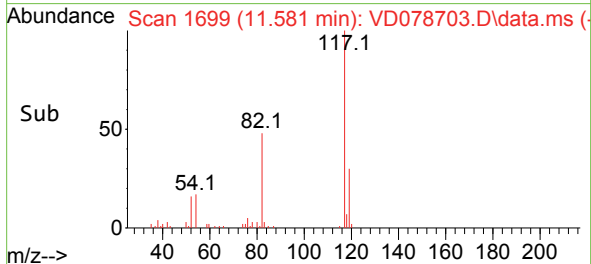
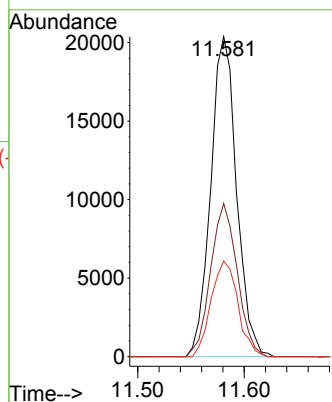
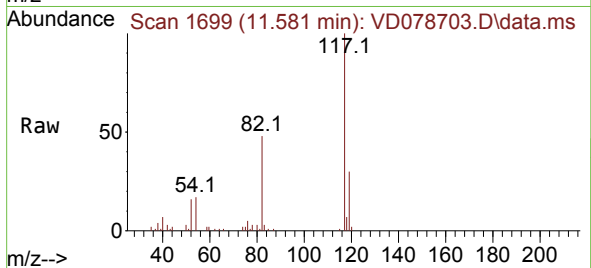
Tgt Ion:117 Resp: 34428

Ion Ratio Lower Upper

117 100

82 47.9 41.4 62.2

119 29.9 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 2028

Delta R.T. -0.000 min

Lab File: VD078703.D

Acq: 18 Mar 2024 18:06

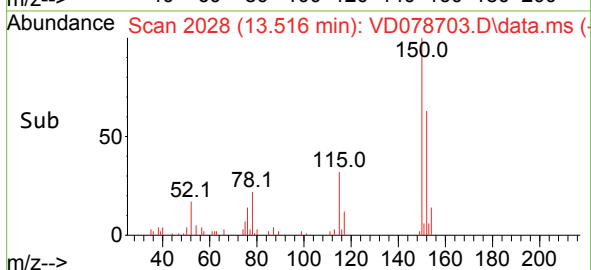
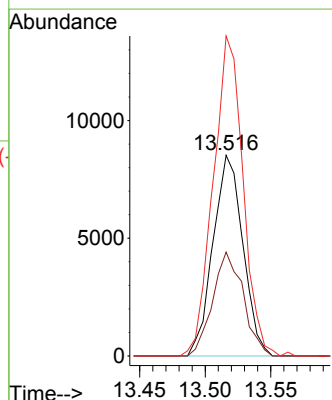
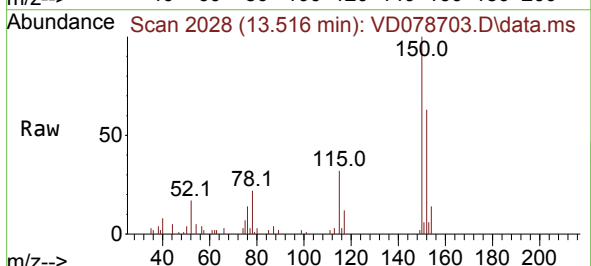
Tgt Ion:152 Resp: 13501

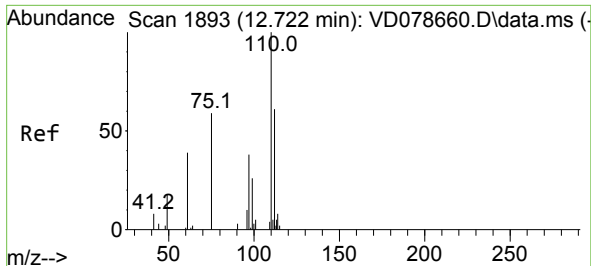
Ion Ratio Lower Upper

152 100

115 52.9 27.1 81.2

150 159.2 0.0 350.2

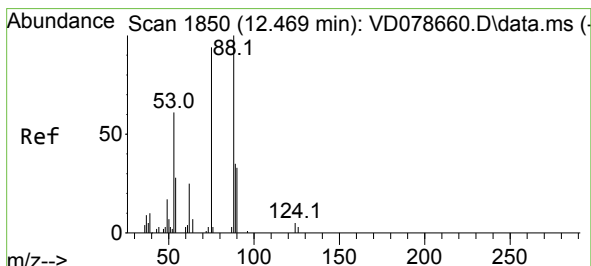
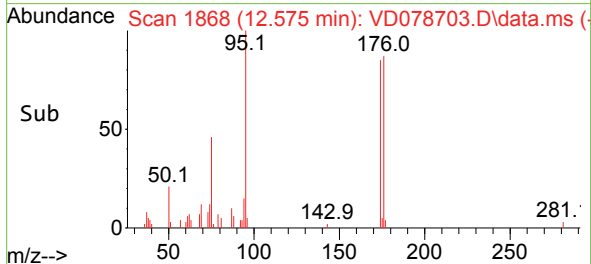
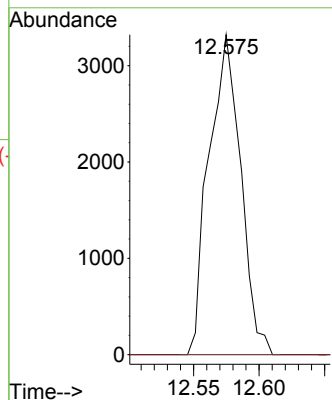
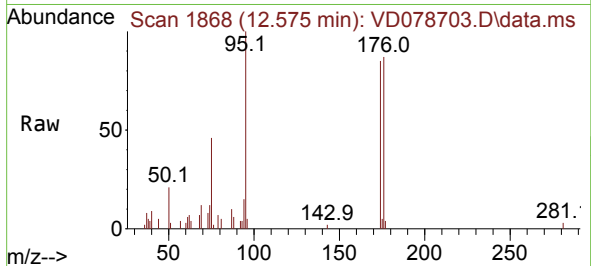




#76
1,2,3-Trichloropropane
Concen: 53.837 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD078703.D
Acq: 18 Mar 2024 18:06

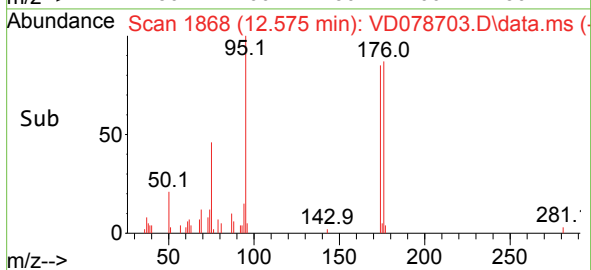
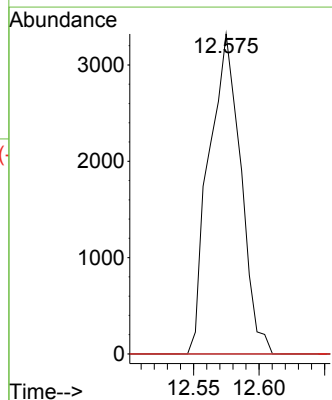
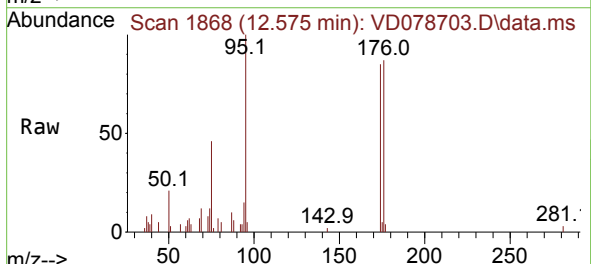
Instrument :
MSVOA_D
ClientSampleId :
TP-15

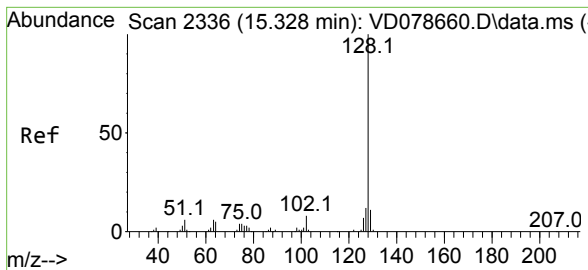
Tgt Ion: 75 Resp: 5600
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 112.852 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD078703.D
Acq: 18 Mar 2024 18:06

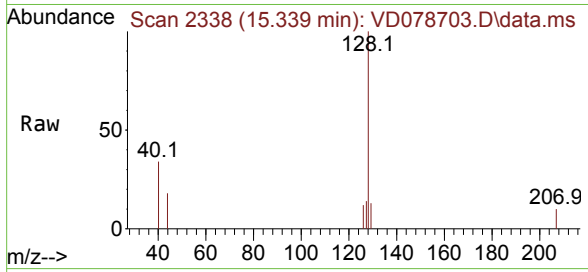
Tgt Ion: 75 Resp: 5600
Ion Ratio Lower Upper
75 100
53 0.0 61.0 91.6#
89 0.0 35.4 53.0#





#95
 Naphthalene
 Concen: 8.521 ug/l
 RT: 15.339 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: VD078703.D
 Acq: 18 Mar 2024 18:06

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-15



Tgt Ion:	128	Resp:	3464
Ion	Ratio	Lower	Upper
128	100		
127	14.3	9.3	13.9#
129	13.2	8.9	13.3

