

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031824\
 Data File : VD078702.D
 Acq On : 18 Mar 2024 17:39
 Operator : RP/MD
 Sample : P1786-02RE
 Misc : 6.14G/5ml/MSVOA_D/SOIL/B
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-22RE

Quant Time: Mar 19 01:29:05 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)

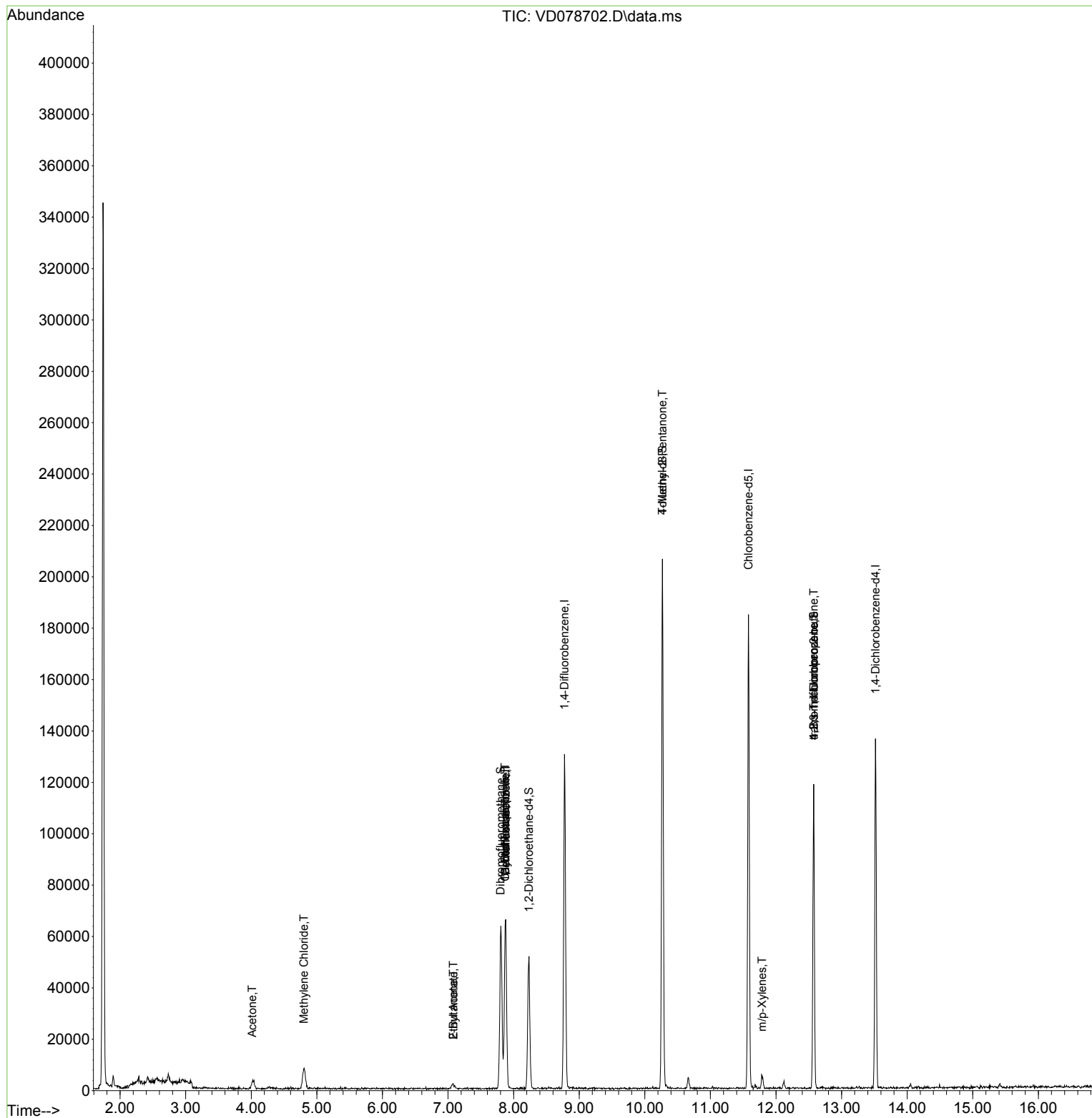
Internal Standards						
1) Pentafluorobenzene	7.881	168	54276	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	116523	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	110080	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	38349	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	39484	77.624	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 155.240%			
35) Dibromofluoromethane	7.799	113	44305	59.055	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 118.120%			
50) Toluene-d8	10.269	98	143603	52.047	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 104.100%			
62) 4-Bromofluorobenzene	12.575	95	32976	40.853	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 81.700%			
Target Compounds						
					Qvalue	
16) Acetone	4.017	43	5564	56.568	ug/l #	83
20) Methylene Chloride	4.805	84	7253	6.586	ug/l	97
25) 2-Butanone	7.081	43	728	5.567	ug/l	92
31) Cyclohexane	7.875	56	1170	1.368	ug/l #	58
36) 1,1-Dichloropropene	7.869	75	4191	3.850	ug/l #	46
37) Ethyl Acetate	7.081	43	728	2.047	ug/l #	63
38) Carbon Tetrachloride	7.869	117	5557	4.842	ug/l #	15
51) 4-Methyl-2-Pentanone	10.269	43	543	1.606	ug/l #	1
68) m/p-Xylenes	11.787	106	2196	1.380	ug/l	77
76) 1,2,3-Trichloropropane	12.575	75	17238	58.344	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	17238	122.298	ug/l #	19

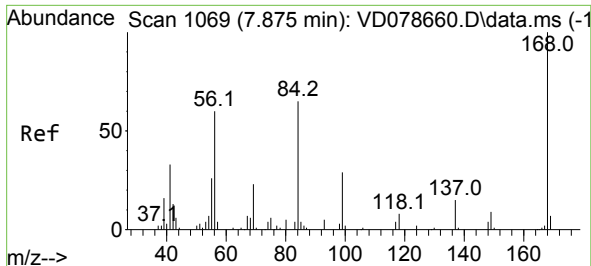
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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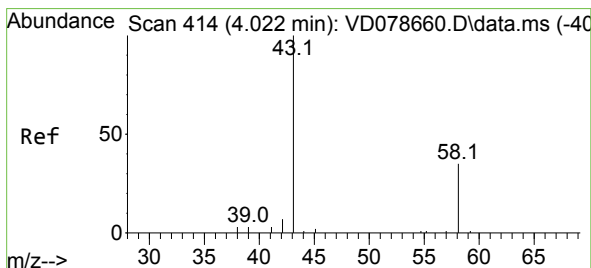
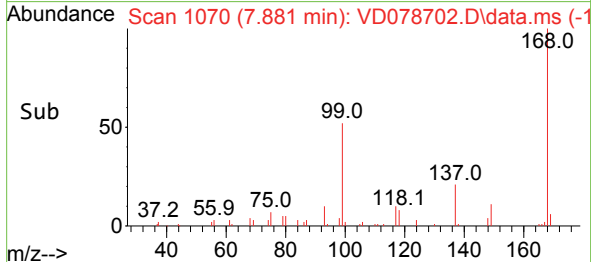
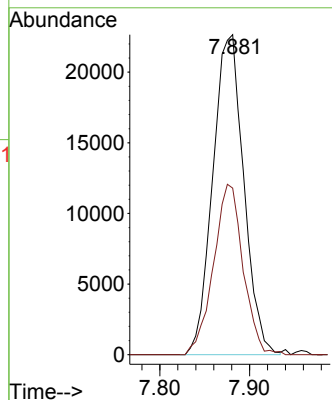
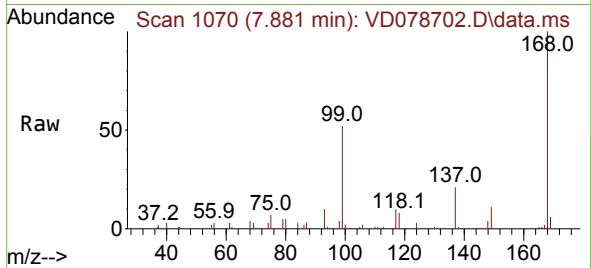




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD078702.D
Acq: 18 Mar 2024 17:39

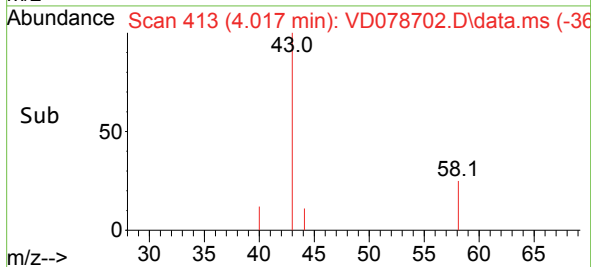
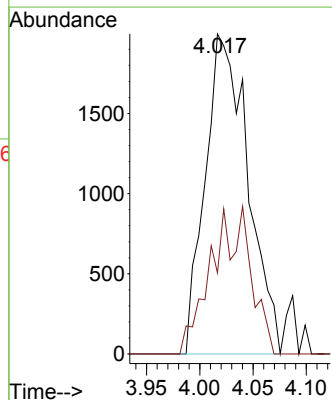
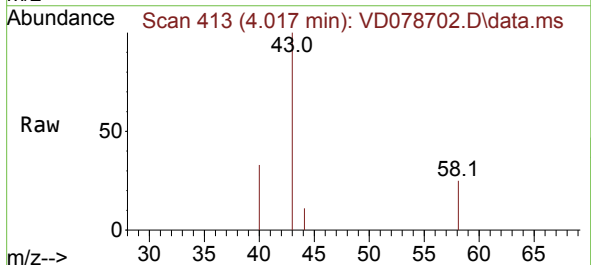
Instrument :
MSVOA_D
ClientSampleId :
TP-22RE

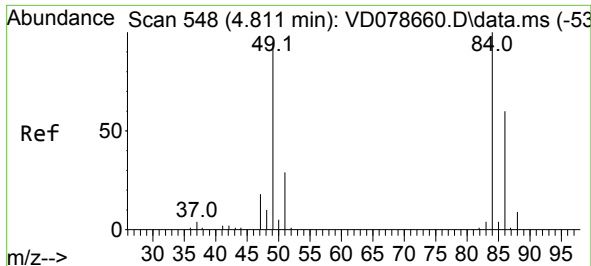
Tgt Ion:168 Resp: 54276
Ion Ratio Lower Upper
168 100
99 52.1 38.8 58.2



#16
Acetone
Concen: 56.568 ug/l
RT: 4.017 min Scan# 413
Delta R.T. -0.006 min
Lab File: VD078702.D
Acq: 18 Mar 2024 17:39

Tgt Ion: 43 Resp: 5564
Ion Ratio Lower Upper
43 100
58 25.3 28.2 42.4#



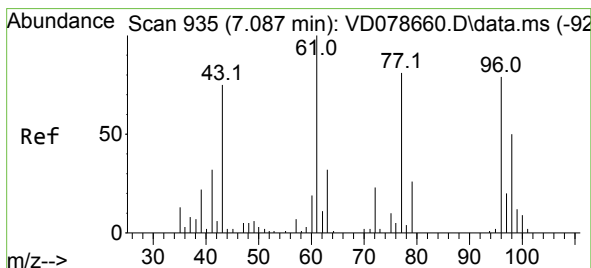
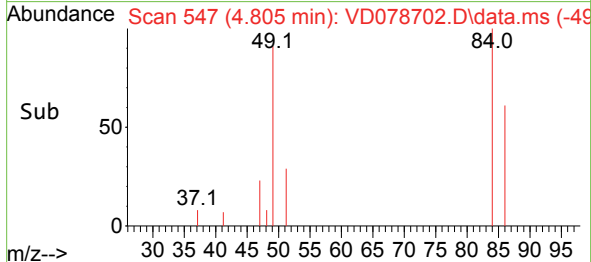
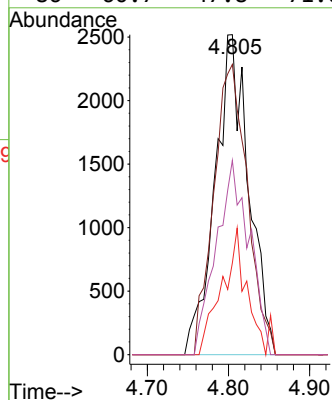
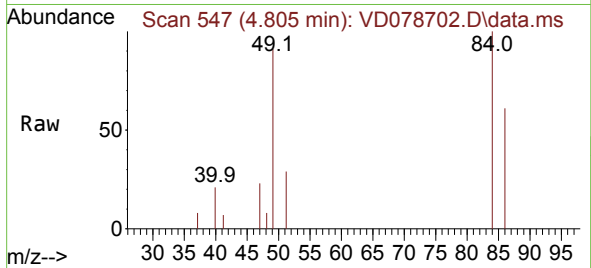


#20
Methylene Chloride
Concen: 6.586 ug/l
RT: 4.805 min Scan# 54
Delta R.T. -0.006 min
Lab File: VD078702.D
Acq: 18 Mar 2024 17:39

Instrument :
MSVOA_D
ClientSampleId :
TP-22RE

Tgt Ion: 84 Resp: 7253

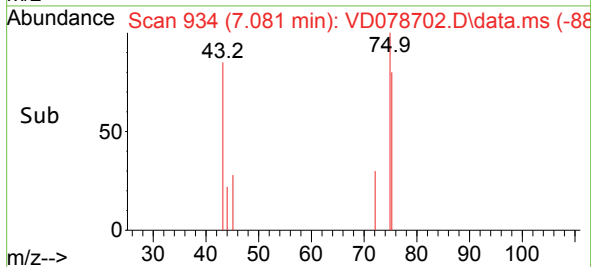
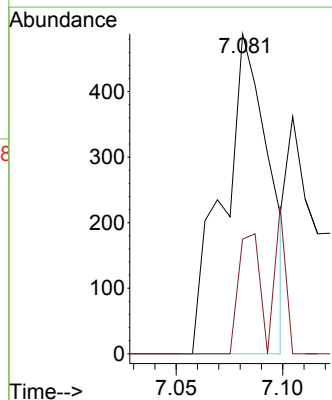
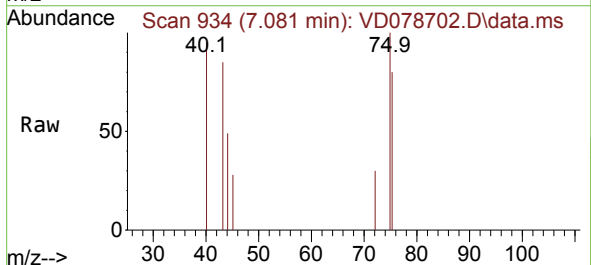
Ion	Ratio	Lower	Upper
84	100		
49	90.7	75.6	113.4
51	28.7	23.4	35.0
86	60.7	47.8	71.6

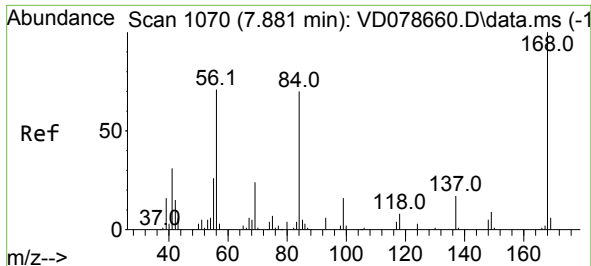


#25
2-Butanone
Concen: 5.567 ug/l
RT: 7.081 min Scan# 934
Delta R.T. -0.006 min
Lab File: VD078702.D
Acq: 18 Mar 2024 17:39

Tgt Ion: 43 Resp: 728

Ion	Ratio	Lower	Upper
43	100		
72	35.9	25.0	37.6

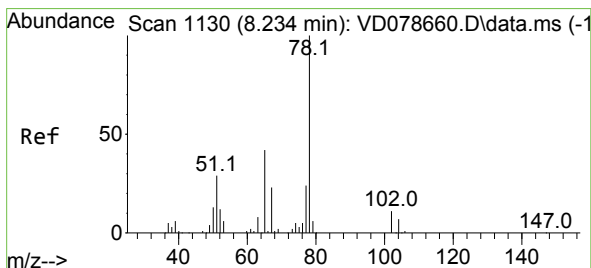
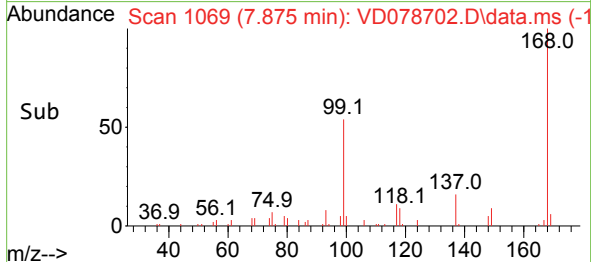
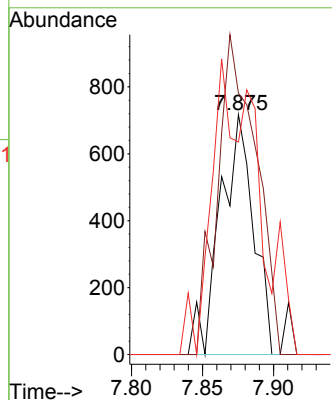
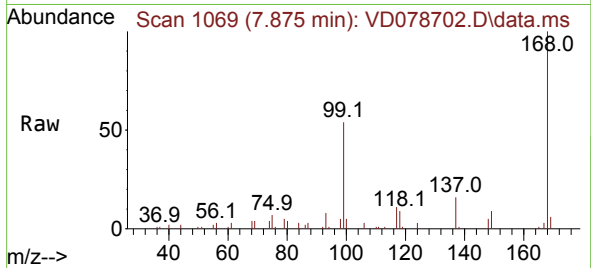




#31
Cyclohexane
Concen: 1.368 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD078702.D
Acq: 18 Mar 2024 17:39

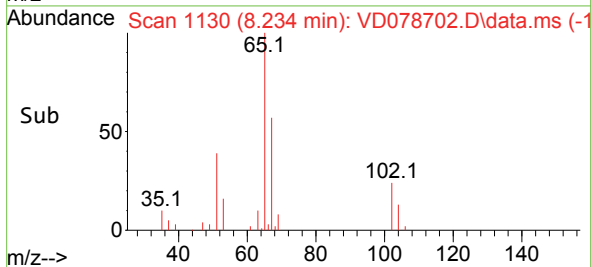
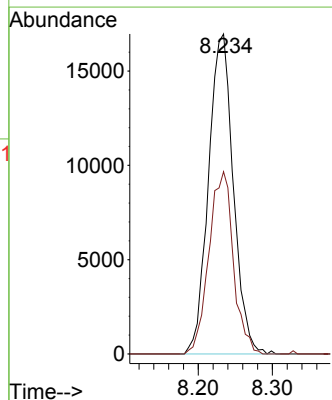
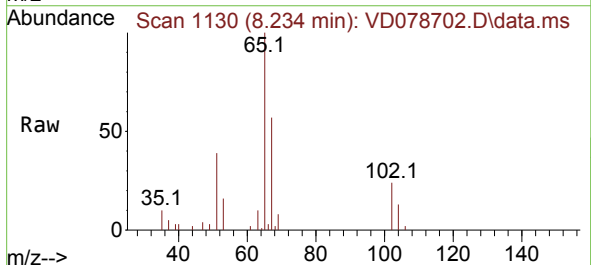
Instrument :
MSVOA_D
ClientSampleId :
TP-22RE

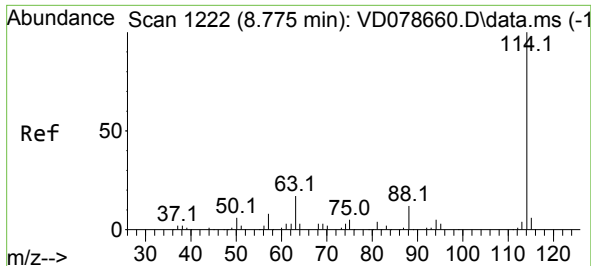
Tgt Ion: 56 Resp: 1170
Ion Ratio Lower Upper
56 100
69 108.9 26.6 40.0#
84 88.6 79.4 119.2



#33
1,2-Dichloroethane-d4
Concen: 77.624 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD078702.D
Acq: 18 Mar 2024 17:39

Tgt Ion: 65 Resp: 39484
Ion Ratio Lower Upper
65 100
67 56.0 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: VD078702.D

Acq: 18 Mar 2024 17:39

Instrument :

MSVOA_D

ClientSampleId :

TP-22RE

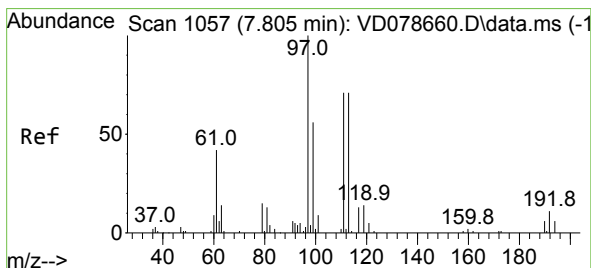
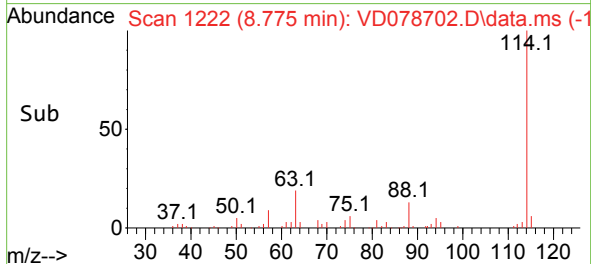
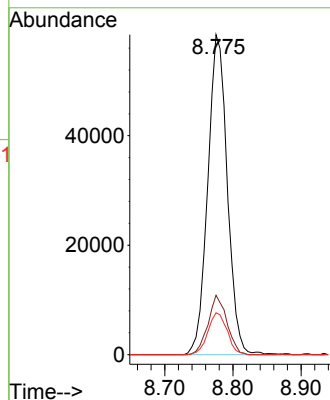
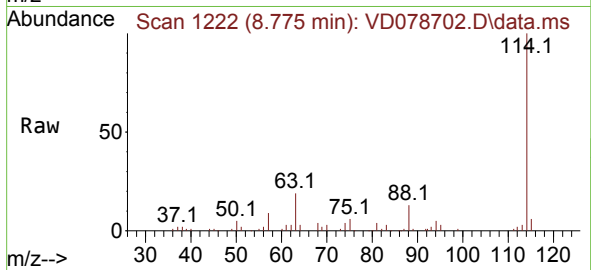
Tgt Ion:114 Resp: 116523

Ion Ratio Lower Upper

114 100

63 18.6 0.0 33.4

88 13.1 0.0 24.6



#35

Dibromofluoromethane

Concen: 59.055 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VD078702.D

Acq: 18 Mar 2024 17:39

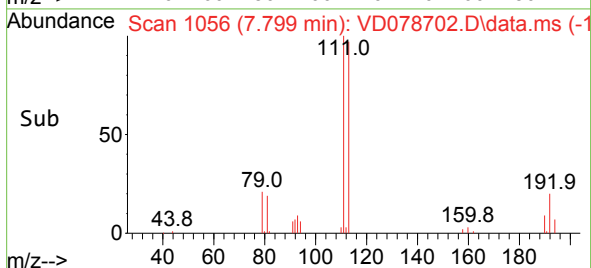
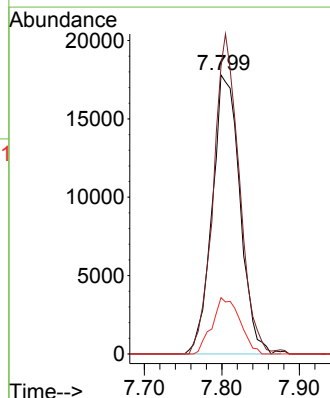
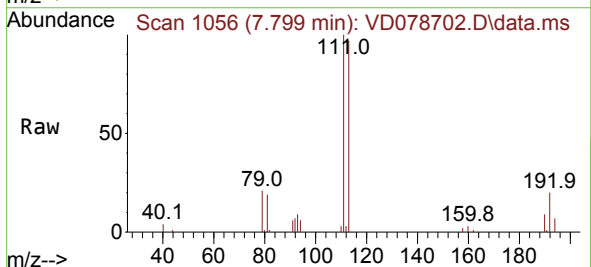
Tgt Ion:113 Resp: 44305

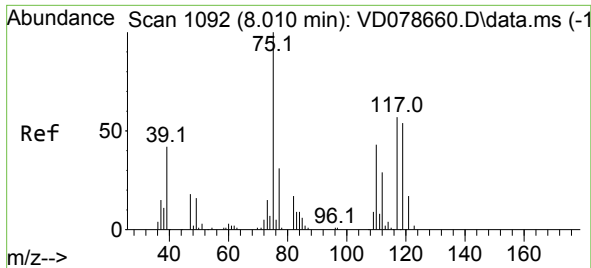
Ion Ratio Lower Upper

113 100

111 106.6 81.9 122.9

192 20.2 15.4 23.0

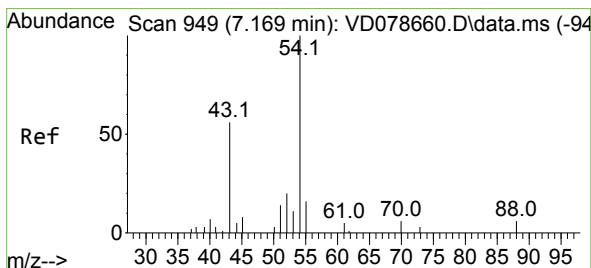
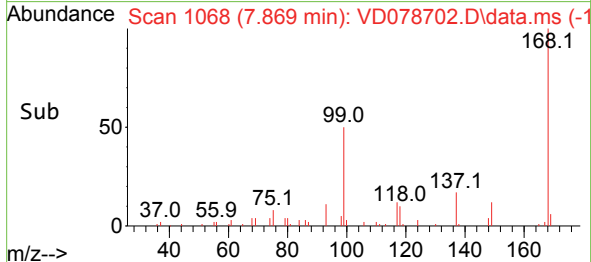
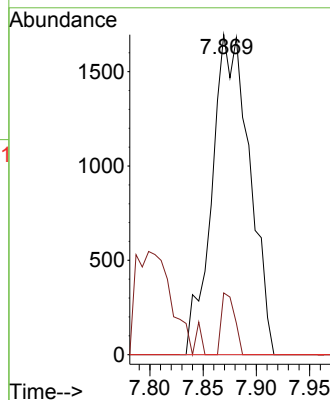
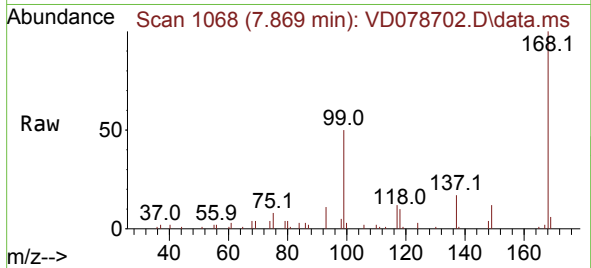




#36
1,1-Dichloropropene
Concen: 3.850 ug/l
RT: 7.869 min Scan# 1092
Delta R.T. -0.141 min
Lab File: VD078702.D
Acq: 18 Mar 2024 17:39

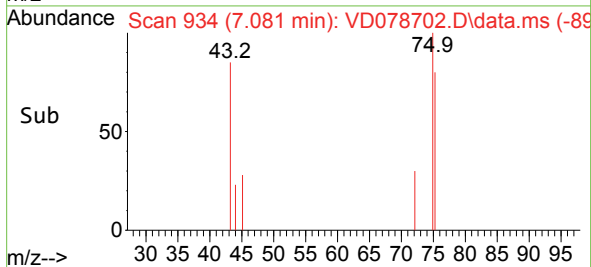
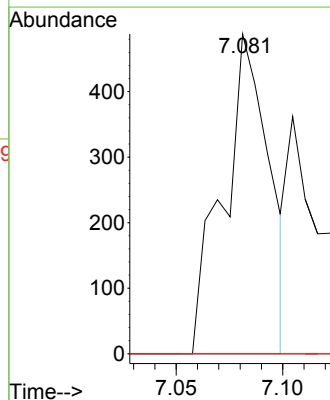
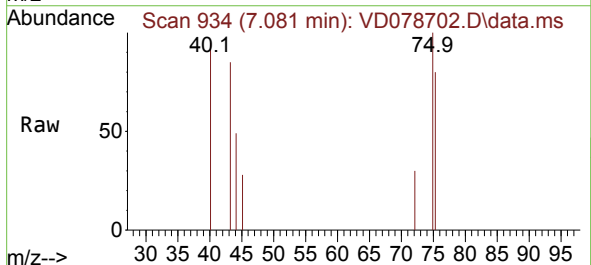
Instrument :
MSVOA_D
ClientSampleId :
TP-22RE

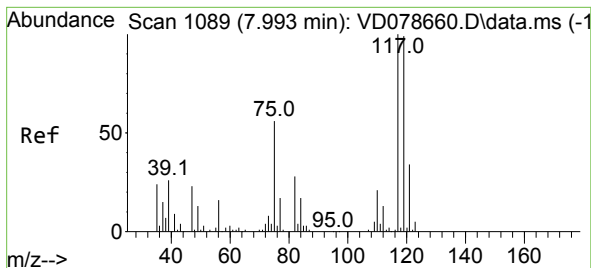
Tgt Ion: 75 Resp: 4191
Ion Ratio Lower Upper
75 100
110 6.7 19.1 57.1#
77 0.0 25.4 38.2#



#37
Ethyl Acetate
Concen: 2.047 ug/l
RT: 7.081 min Scan# 934
Delta R.T. -0.088 min
Lab File: VD078702.D
Acq: 18 Mar 2024 17:39

Tgt Ion: 43 Resp: 728
Ion Ratio Lower Upper
43 100
61 0.0 14.6 21.8#
70 0.0 9.4 14.0#





#38

Carbon Tetrachloride

Concen: 4.842 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.123 min

Lab File: VD078702.D

Acq: 18 Mar 2024 17:39

Instrument :

MSVOA_D

ClientSampleId :

TP-22RE

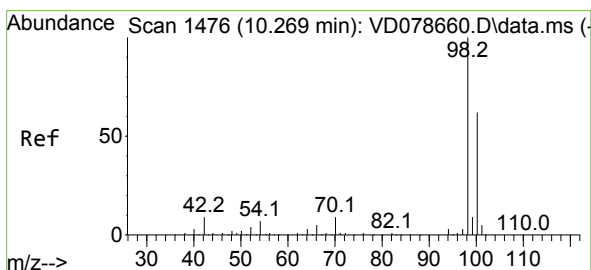
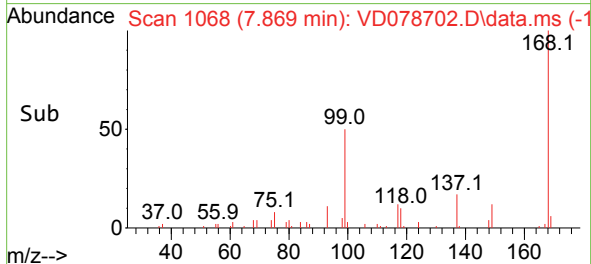
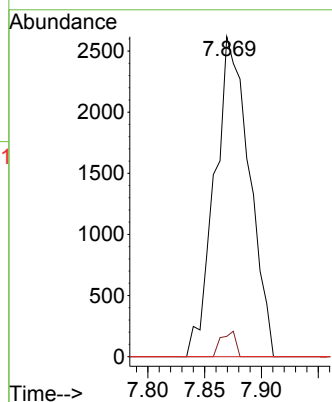
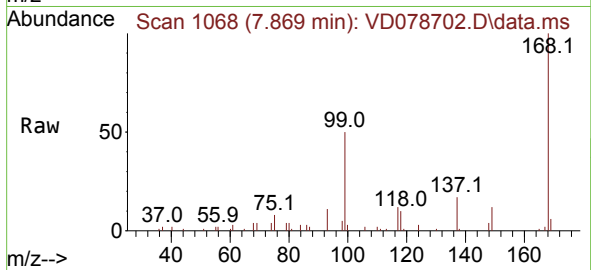
Tgt Ion:117 Resp: 5557

Ion Ratio Lower Upper

117 100

119 6.3 79.2 118.8#

121 0.0 26.8 40.2#



#50

Toluene-d8

Concen: 52.047 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078702.D

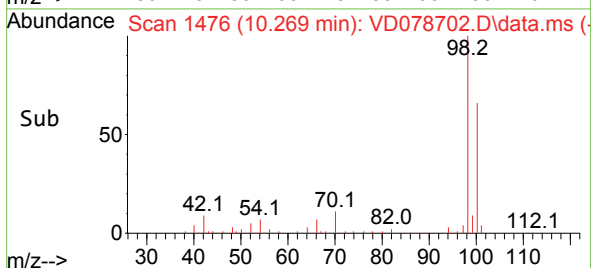
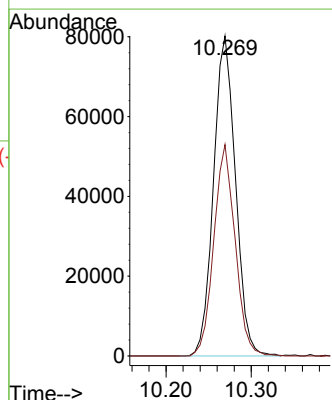
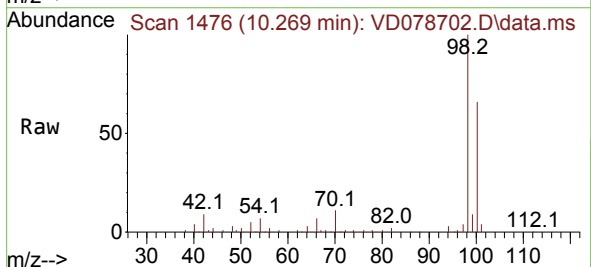
Acq: 18 Mar 2024 17:39

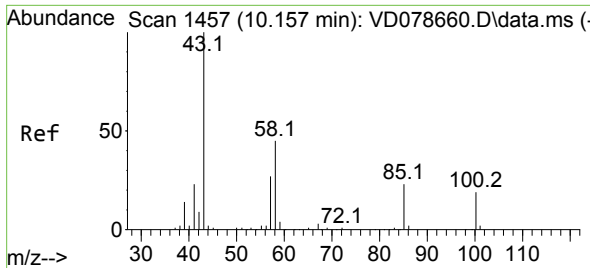
Tgt Ion: 98 Resp: 143603

Ion Ratio Lower Upper

98 100

100 64.2 50.5 75.7

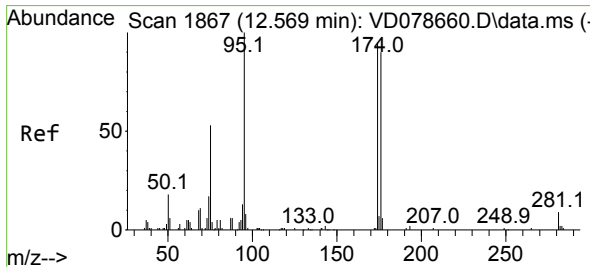
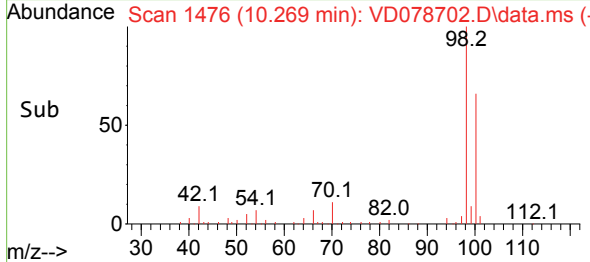
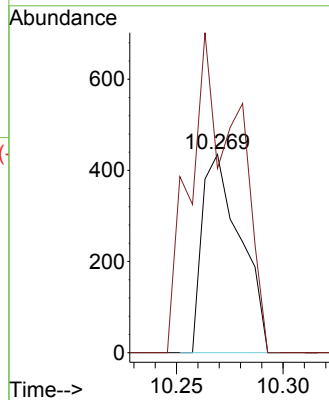
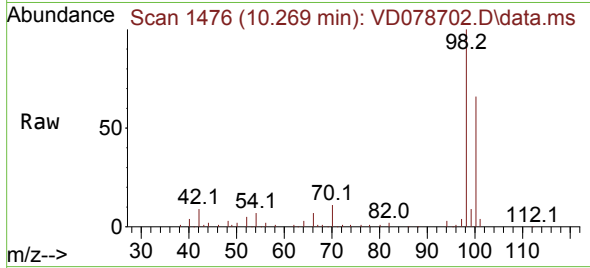




#51
4-Methyl-2-Pentanone
Concen: 1.606 ug/l
RT: 10.269 min Scan# 1457
Delta R.T. 0.112 min
Lab File: VD078702.D
Acq: 18 Mar 2024 17:39

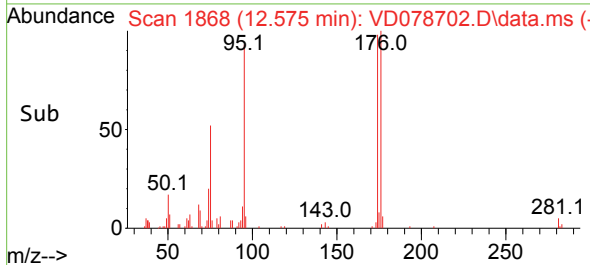
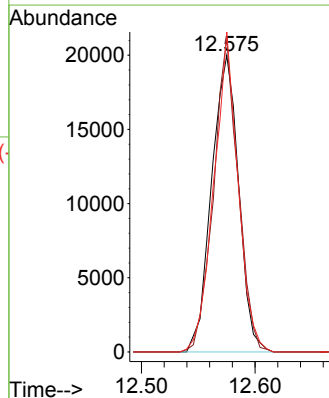
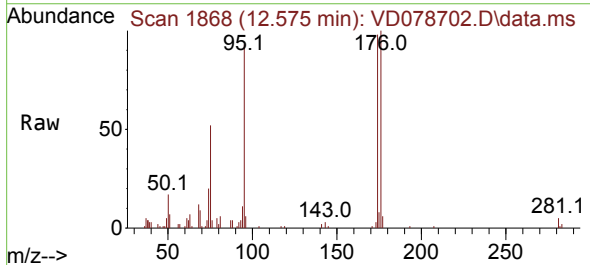
Instrument :
MSVOA_D
ClientSampleId :
TP-22RE

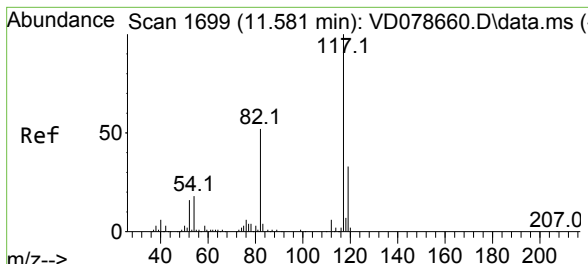
Tgt Ion: 43 Resp: 543
Ion Ratio Lower Upper
43 100
58 201.1 36.4 54.6#



#62
4-Bromofluorobenzene
Concen: 40.853 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD078702.D
Acq: 18 Mar 2024 17:39

Tgt Ion: 95 Resp: 32976
Ion Ratio Lower Upper
95 100
174 96.4 0.0 195.2
176 96.3 0.0 188.2

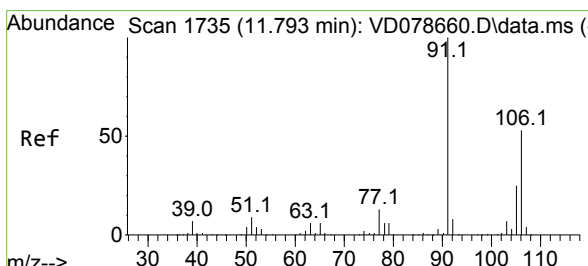
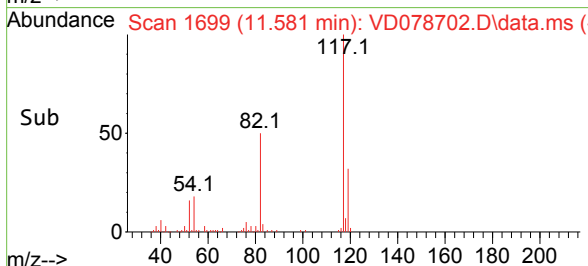
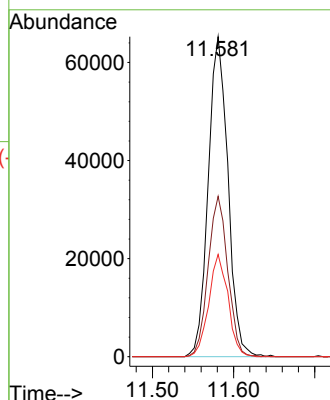
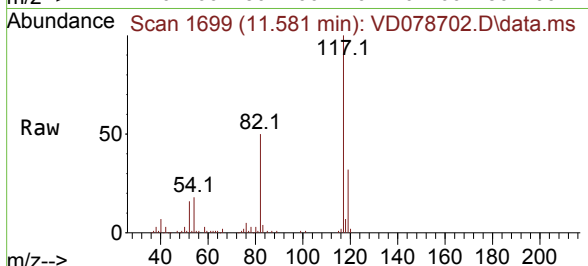




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD078702.D
Acq: 18 Mar 2024 17:39

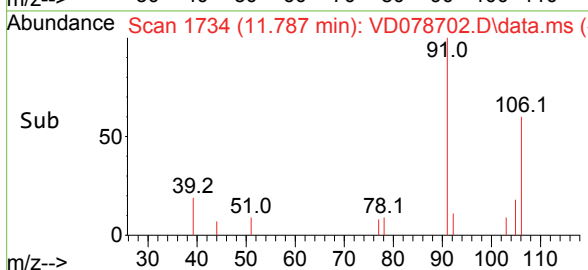
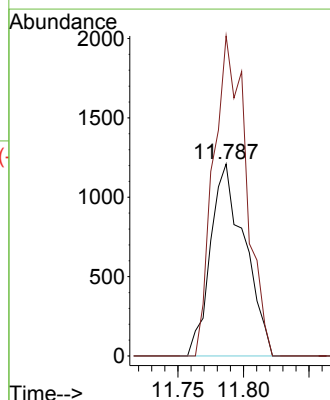
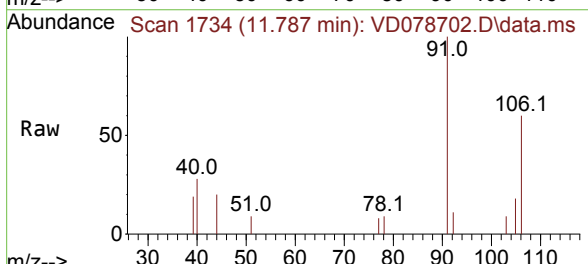
Instrument :
MSVOA_D
ClientSampleId :
TP-22RE

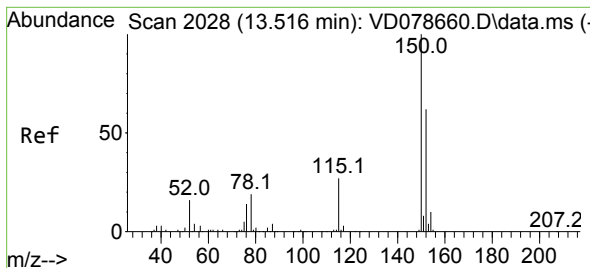
Tgt Ion:117	Resp:	110080
Ion Ratio	Lower	Upper
117	100	
82	50.1	41.4 62.2
119	31.9	26.5 39.7



#68
m/p-Xylenes
Concen: 1.380 ug/l
RT: 11.787 min Scan# 1734
Delta R.T. -0.006 min
Lab File: VD078702.D
Acq: 18 Mar 2024 17:39

Tgt Ion:106	Resp:	2196
Ion Ratio	Lower	Upper
106	100	
91	158.3	154.4 231.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 20

Delta R.T. 0.000 min

Lab File: VD078702.D

Acq: 18 Mar 2024 17:39

Instrument :

MSVOA_D

ClientSampleId :

TP-22RE

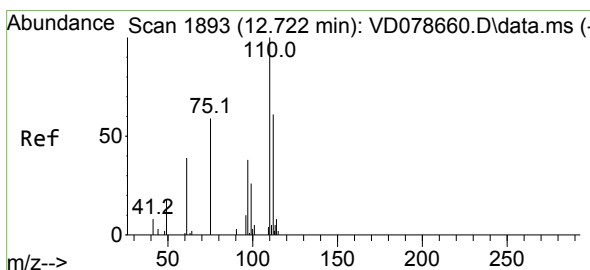
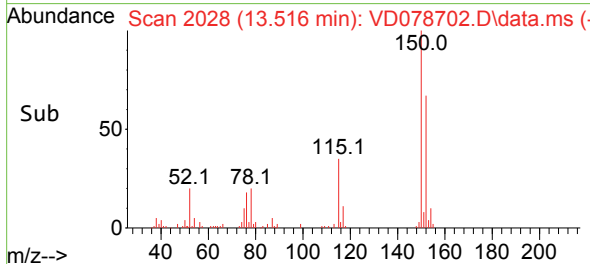
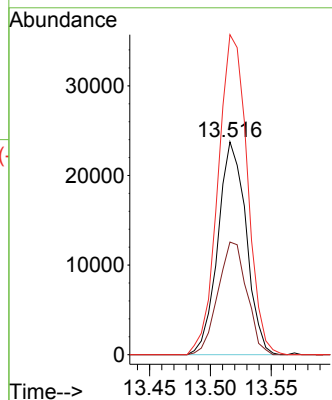
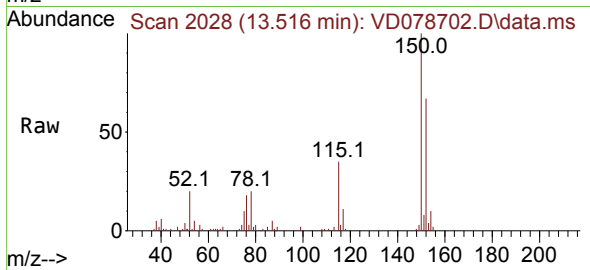
Tgt Ion:152 Resp: 38349

Ion Ratio Lower Upper

152 100

115 54.0 27.1 81.2

150 156.0 0.0 350.2



#76

1,2,3-Trichloropropane

Concen: 58.344 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. -0.147 min

Lab File: VD078702.D

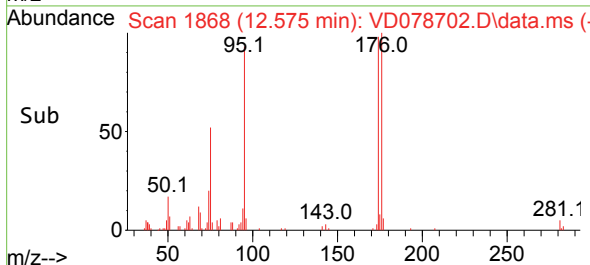
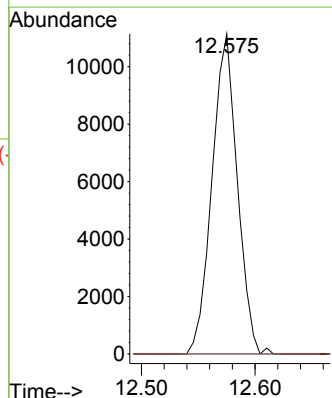
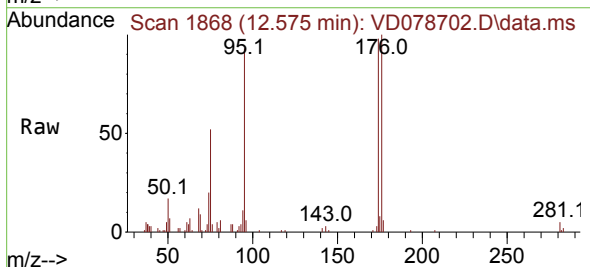
Acq: 18 Mar 2024 17:39

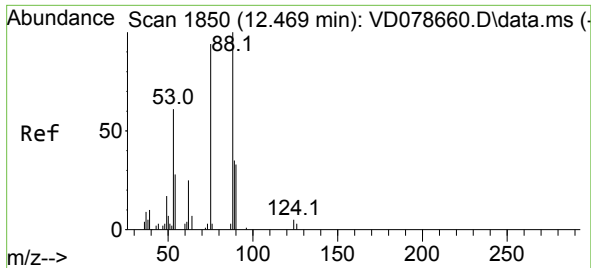
Tgt Ion: 75 Resp: 17238

Ion Ratio Lower Upper

75 100

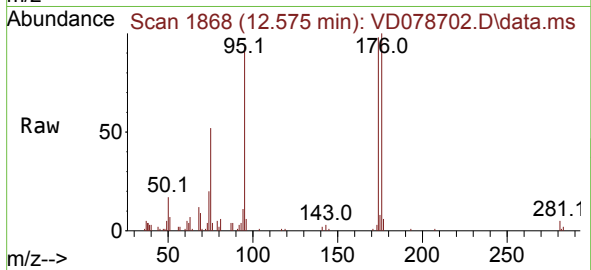
77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 122.298 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. 0.106 min
 Lab File: VD078702.D
 Acq: 18 Mar 2024 17:39

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-22RE



Tgt Ion:	75	Resp:	17238
Ion	Ratio	Lower	Upper
75	100		
53	0.0	61.0	91.6#
89	0.0	35.4	53.0#

