

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041723\
 Data File : VD075699.D
 Acq On : 17 Apr 2023 14:12
 Operator : KP/SY
 Sample : 02348-01RE
 Misc : 4.99G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-05-041323RE

Quant Time: Apr 18 01:17:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041323S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 13 14:16:29 2023
 Response via : Initial Calibration

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

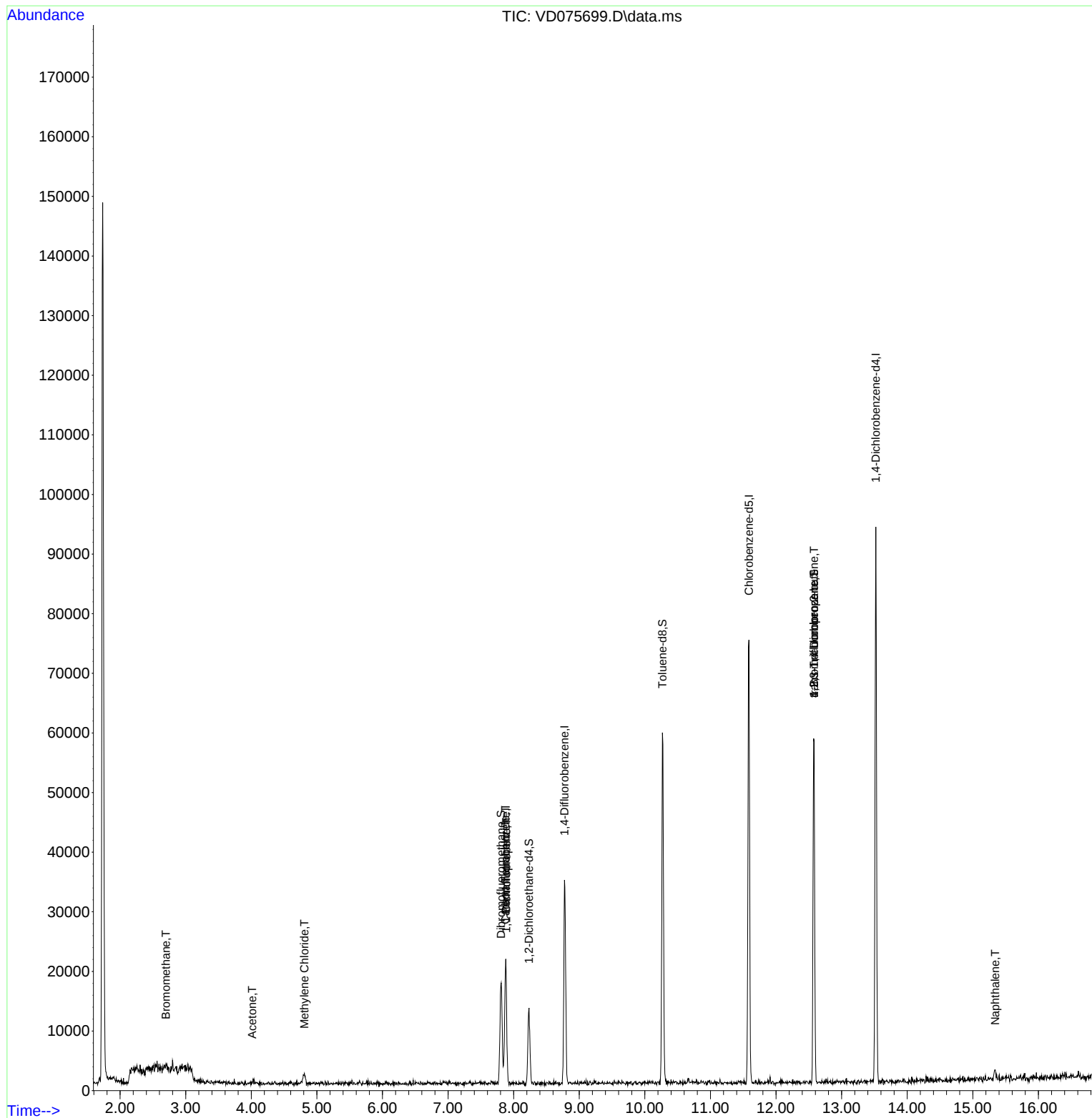
Internal Standards						
1) Pentafluorobenzene	7.881	168	16766	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	33513	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	48285	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	26886	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	10073	63.296	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 126.600%	
35) Dibromofluoromethane	7.810	113	13558	60.149	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 120.300%	
50) Toluene-d8	10.269	98	43692	48.403	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 96.800%	
62) 4-Bromofluorobenzene	12.581	95	20061	83.613	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 167.220%#	
Target Compounds						
					Qvalue	
5) Bromomethane	2.699	94	506	1.736	ug/l #	63
16) Acetone	4.016	43	308	10.564	ug/l #	44
20) Methylene Chloride	4.810	84	1426	1.884	ug/l #	62
36) 1,1-Dichloropropene	7.887	75	1314	4.225	ug/l #	42
38) Carbon Tetrachloride	7.875	117	1837	6.708	ug/l #	13
76) 1,2,3-Trichloropropane	12.581	75	9429	43.005	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.581	75	9429	93.209	ug/l #	5
95) Naphthalene	15.339	128	2197	2.459	ug/l #	73

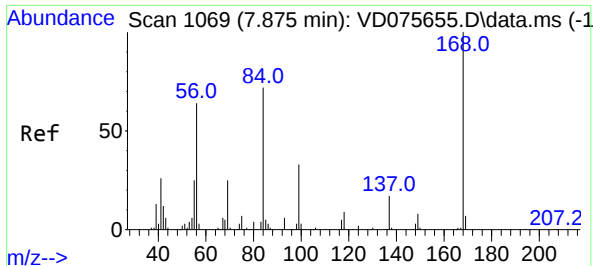
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 18 01:17:52 2023
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Quant Title : SW846 8260
QLast Update : Thu Apr 13 14:16:29 2023
Response via : Initial Calibration

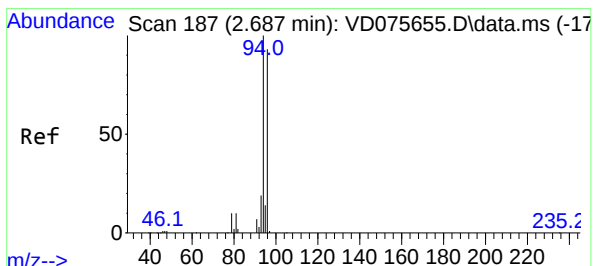
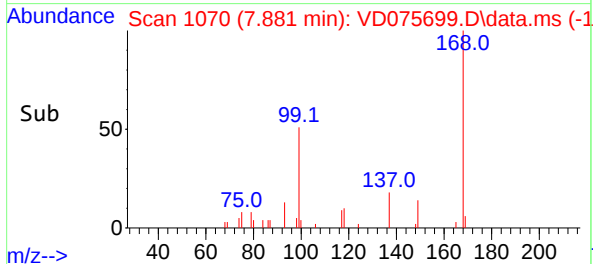
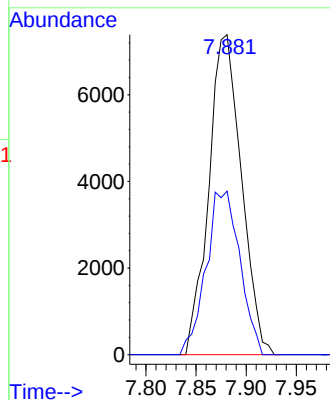
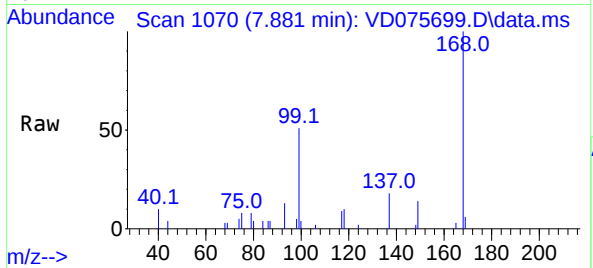




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD075699.D
Acq: 17 Apr 2023 14:12

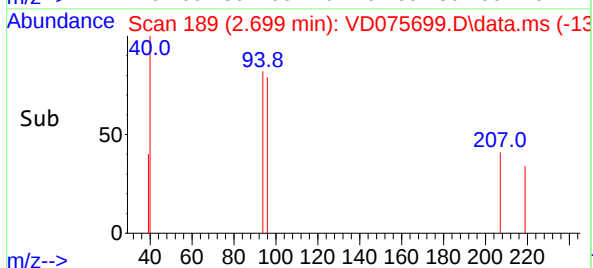
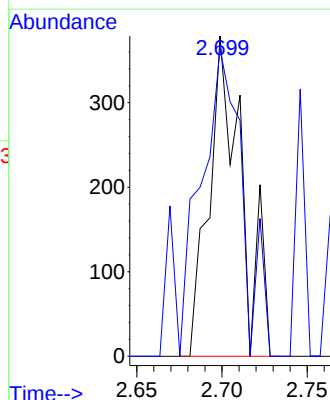
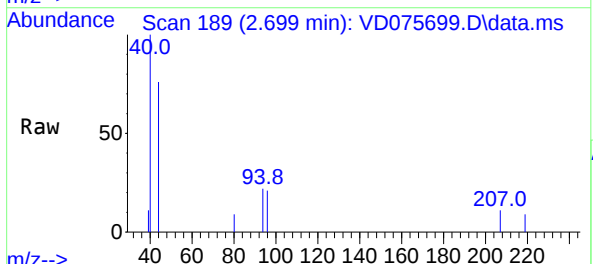
Instrument :
MSVOA_D
ClientSampleId :
TR-05-041323RE

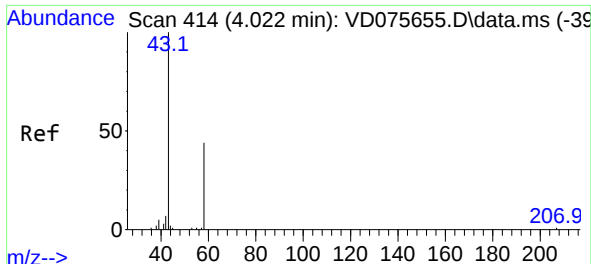
Tgt Ion:168 Resp: 16766
Ion Ratio Lower Upper
168 100
99 51.1 43.8 65.6



#5
Bromomethane
Concen: 1.736 ug/l
RT: 2.699 min Scan# 189
Delta R.T. 0.012 min
Lab File: VD075699.D
Acq: 17 Apr 2023 14:12

Tgt Ion: 94 Resp: 506
Ion Ratio Lower Upper
94 100
96 133.0 77.5 116.3#

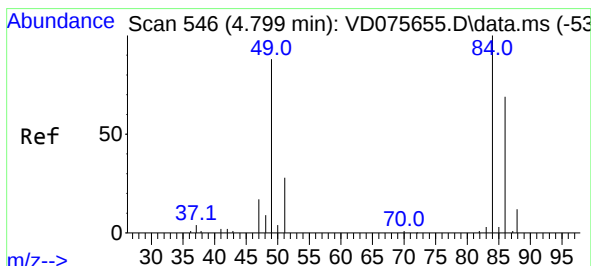
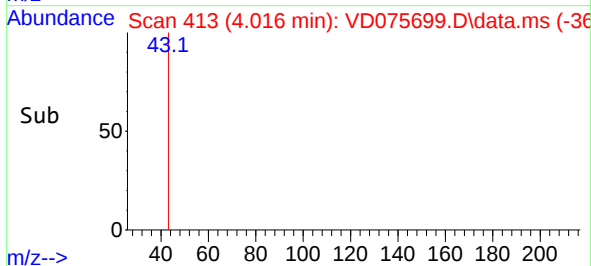
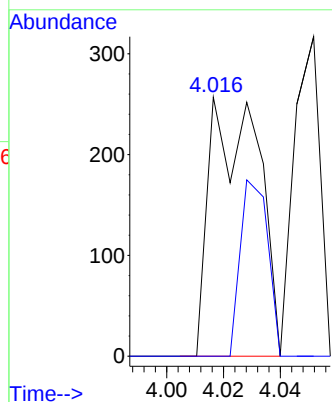
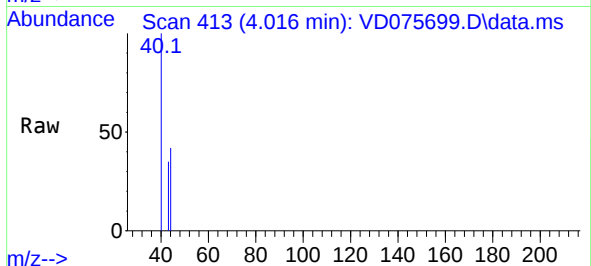




#16
Acetone
Concen: 10.564 ug/l
RT: 4.016 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD075699.D
Acq: 17 Apr 2023 14:12

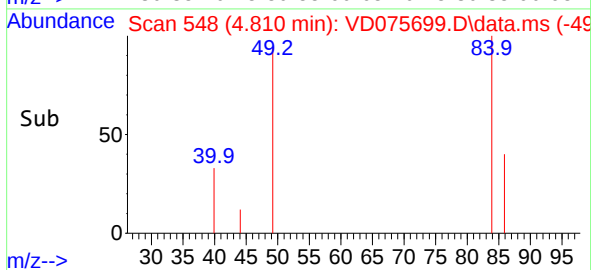
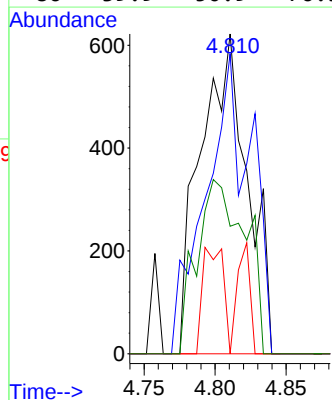
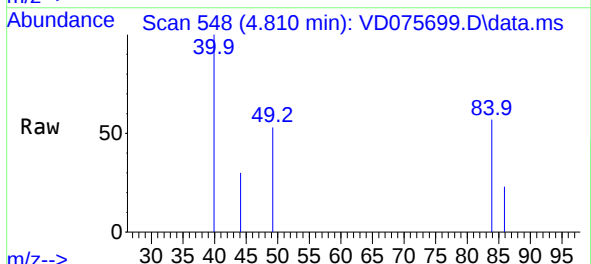
Instrument :
MSVOA_D
ClientSampleId :
TR-05-041323RE

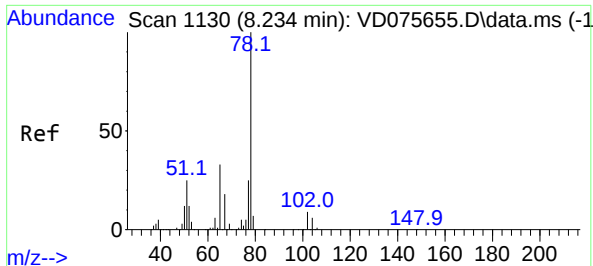
Tgt Ion: 43 Resp: 308
Ion Ratio Lower Upper
43 100
58 0.0 24.4 36.6#



#20
Methylene Chloride
Concen: 1.884 ug/l
RT: 4.810 min Scan# 548
Delta R.T. 0.011 min
Lab File: VD075699.D
Acq: 17 Apr 2023 14:12

Tgt Ion: 84 Resp: 1426
Ion Ratio Lower Upper
84 100
49 93.9 106.4 159.6#
51 0.0 32.4 48.6#
86 39.9 50.9 76.3#





#33

1,2-Dichloroethane-d4

Concen: 63.296 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VD075699.D

Acq: 17 Apr 2023 14:12

Instrument :

MSVOA_D

ClientSampleId :

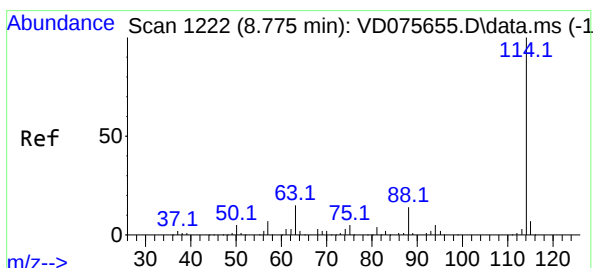
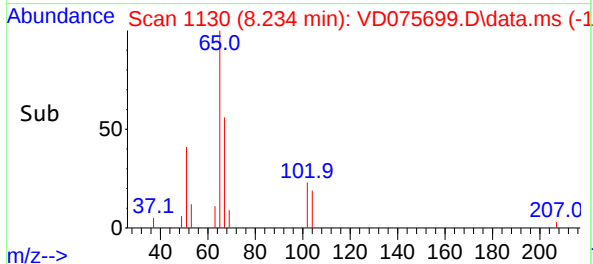
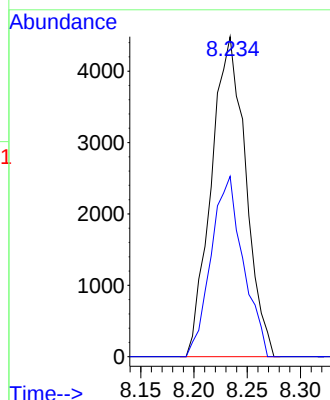
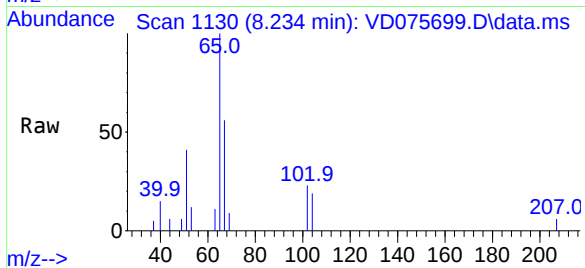
TR-05-041323RE

Tgt Ion: 65 Resp: 10073

Ion Ratio Lower Upper

65 100

67 52.6 0.0 102.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD075699.D

Acq: 17 Apr 2023 14:12

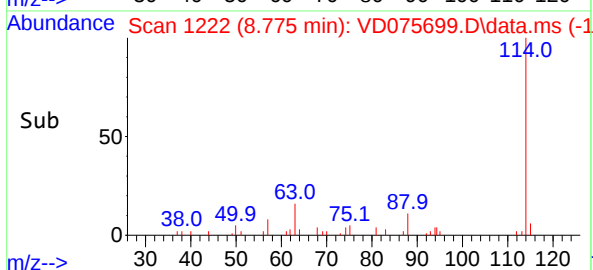
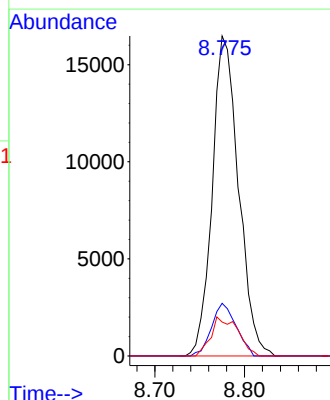
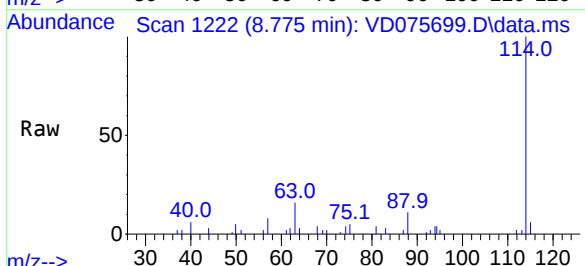
Tgt Ion: 114 Resp: 33513

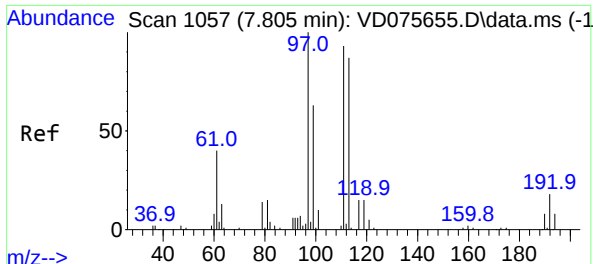
Ion Ratio Lower Upper

114 100

63 16.4 0.0 41.6

88 10.6 0.0 30.6

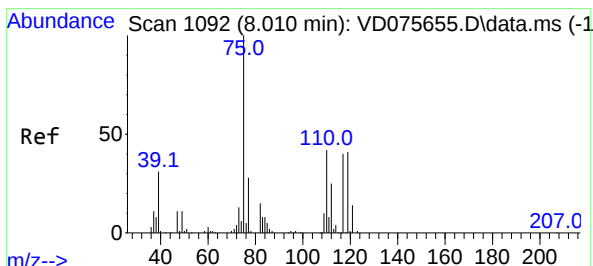
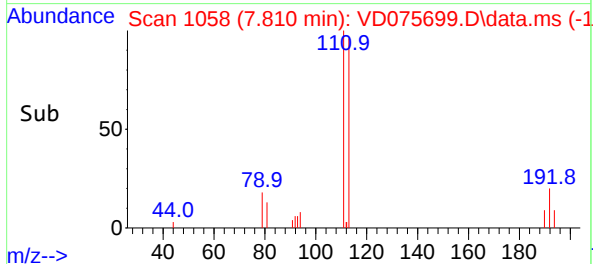
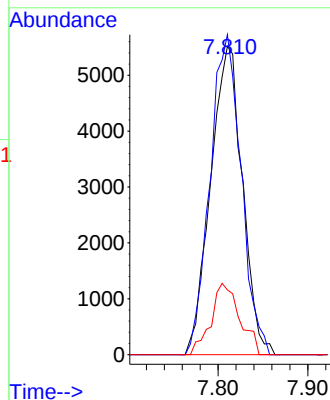
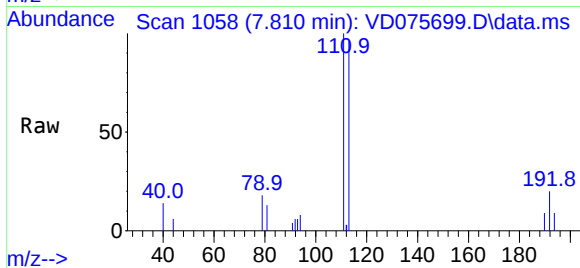




#35
Dibromofluoromethane
Concen: 60.149 ug/l
RT: 7.810 min Scan# 1057
Delta R.T. 0.005 min
Lab File: VD075699.D
Acq: 17 Apr 2023 14:12

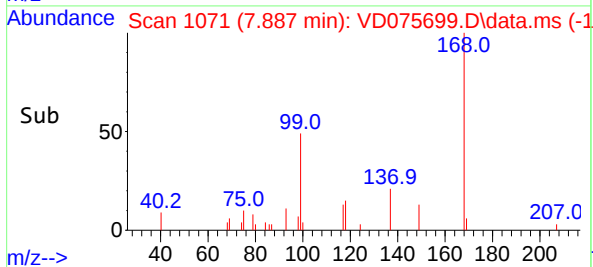
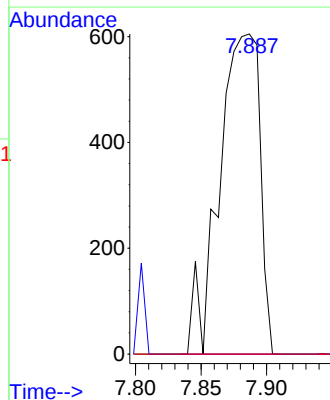
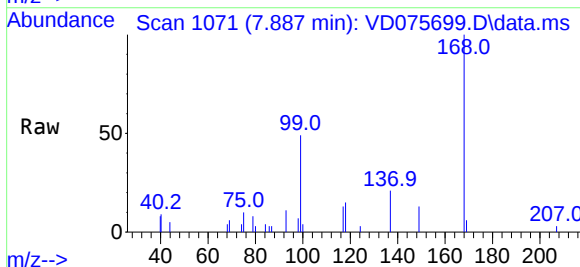
Instrument :
MSVOA_D
ClientSampleId :
TR-05-041323RE

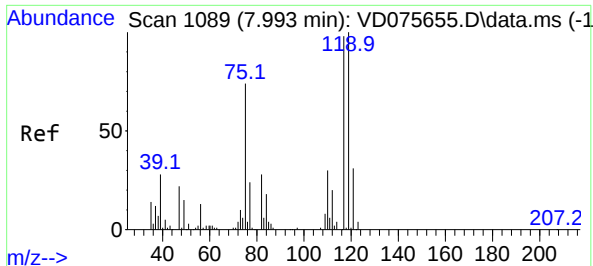
Tgt Ion:	113	Resp:	13558
Ion	Ratio	Lower	Upper
113	100		
111	101.6	81.4	122.0
192	21.0	15.2	22.8



#36
1,1-Dichloropropene
Concen: 4.225 ug/l
RT: 7.887 min Scan# 1071
Delta R.T. -0.123 min
Lab File: VD075699.D
Acq: 17 Apr 2023 14:12

Tgt Ion:	75	Resp:	1314
Ion	Ratio	Lower	Upper
75	100		
110	0.0	17.1	51.2#
77	0.0	24.6	36.8#

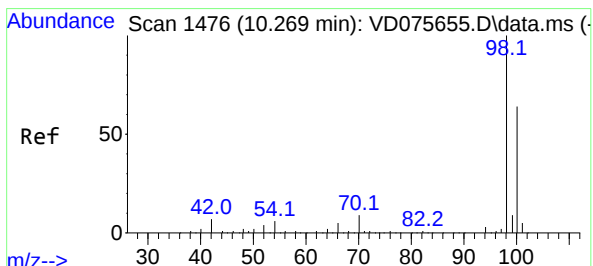
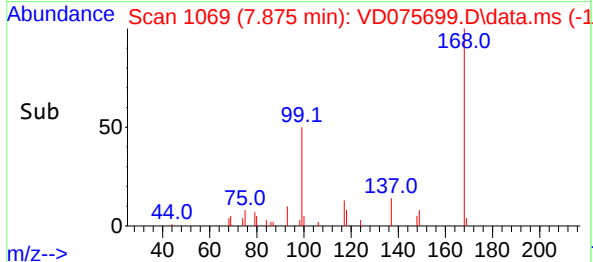
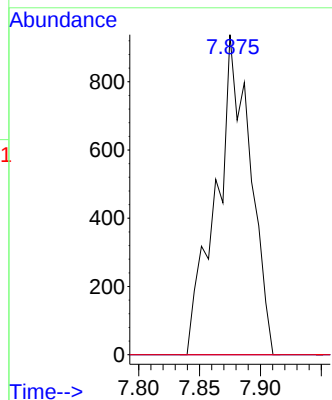
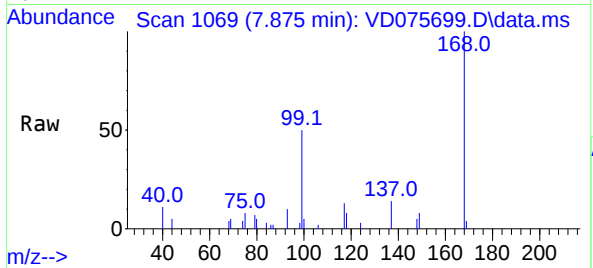




#38
Carbon Tetrachloride
Concen: 6.708 ug/l
RT: 7.875 min Scan# 1089
Delta R.T. -0.118 min
Lab File: VD075699.D
Acq: 17 Apr 2023 14:12

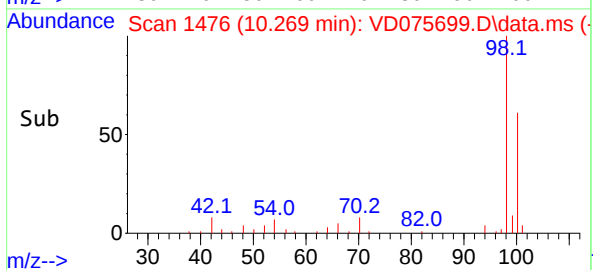
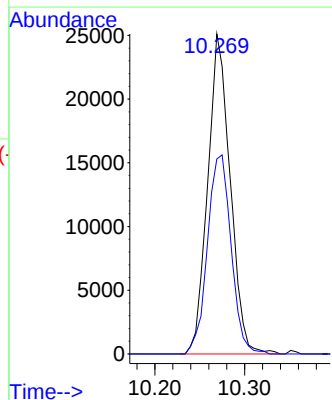
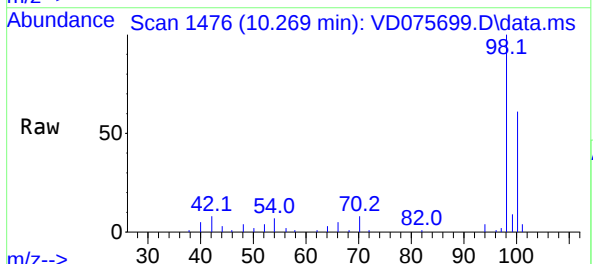
Instrument : MSVOA_D
ClientSampleId : TR-05-041323RE

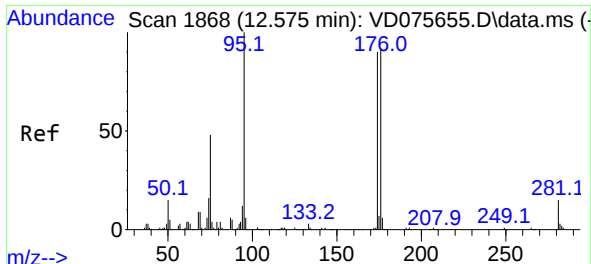
Tgt Ion:117 Resp: 1837
Ion Ratio Lower Upper
117 100
119 0.0 74.7 112.1#
121 0.0 25.9 38.9#



#50
Toluene-d8
Concen: 48.403 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075699.D
Acq: 17 Apr 2023 14:12

Tgt Ion: 98 Resp: 43692
Ion Ratio Lower Upper
98 100
100 65.6 52.1 78.1

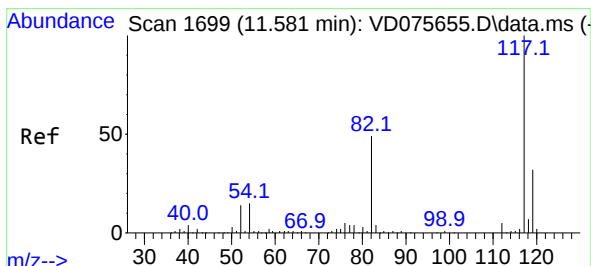
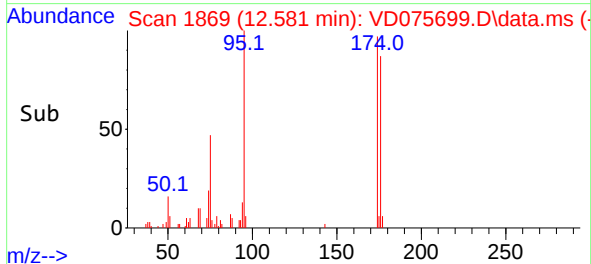
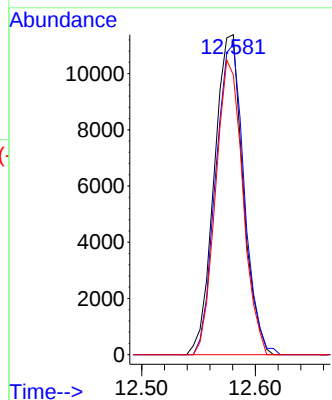
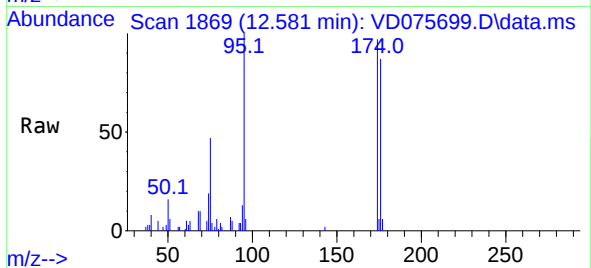




#62
4-Bromofluorobenzene
Concen: 83.613 ug/l
RT: 12.581 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD075699.D
Acq: 17 Apr 2023 14:12

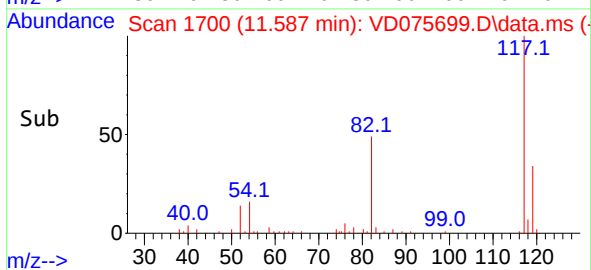
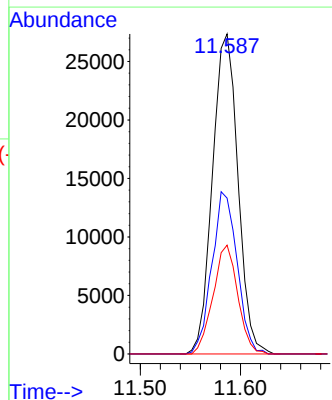
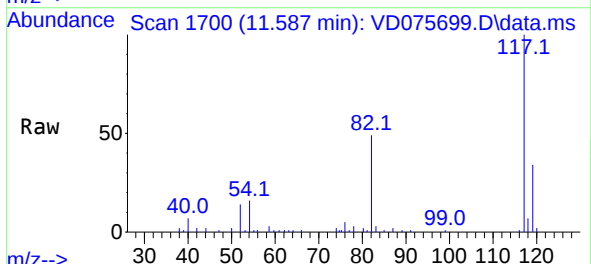
Instrument :
MSVOA_D
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TR-05-041323RE

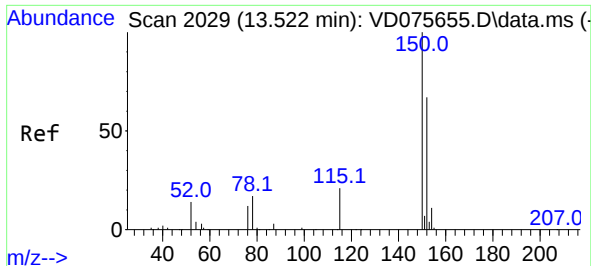
Tgt Ion:	95	Resp:	20061
Ion Ratio	Lower	Upper	
95	100		
174	95.9	0.0	164.0
176	86.7	0.0	156.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 1700
Delta R.T. 0.006 min
Lab File: VD075699.D
Acq: 17 Apr 2023 14:12

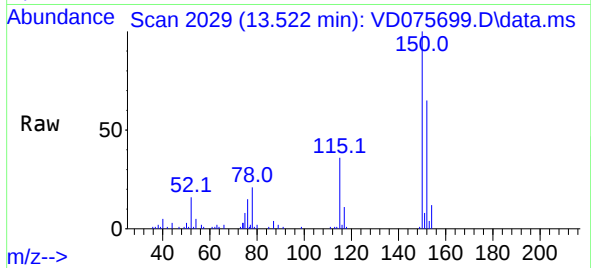
Tgt Ion:	117	Resp:	48285
Ion Ratio	Lower	Upper	
117	100		
82	48.7	44.0	66.0
119	34.0	25.1	37.7



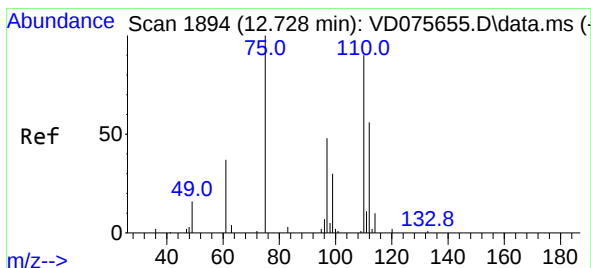
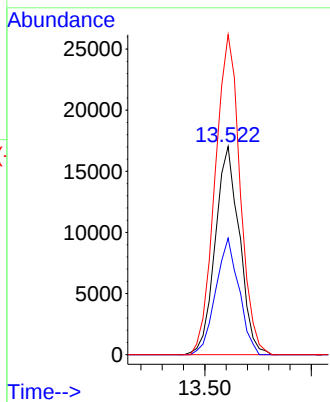
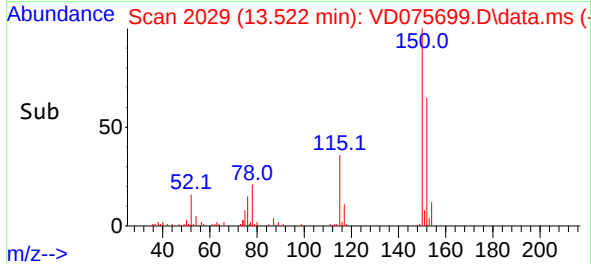


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 20
Delta R.T. -0.000 min
Lab File: VD075699.D
Acq: 17 Apr 2023 14:12

Instrument :
MSVOA_D
ClientSampleId :
TR-05-041323RE

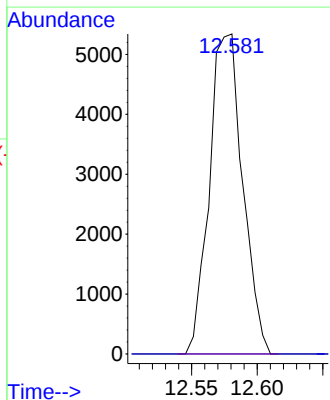
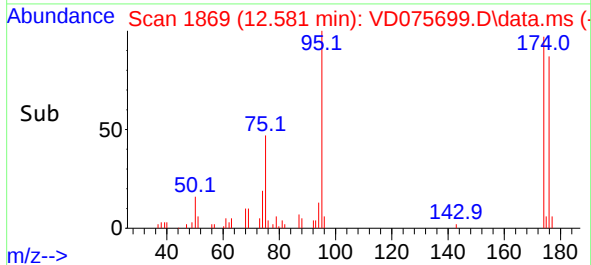
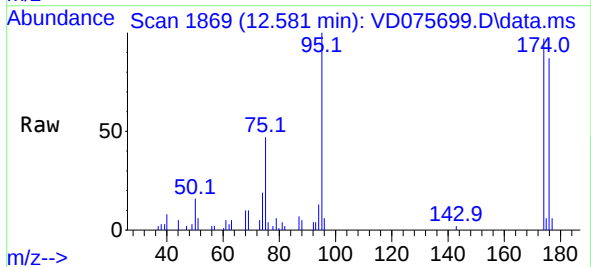


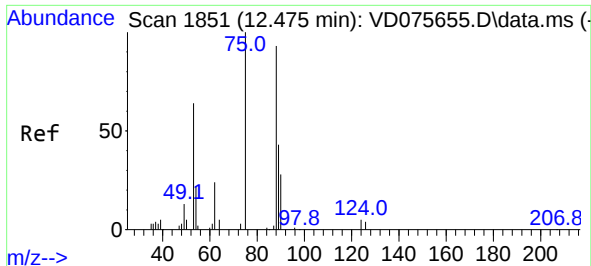
Tgt Ion:152 Resp: 26886
Ion Ratio Lower Upper
152 100
115 53.7 30.1 90.3
150 158.2 0.0 364.8



#76
1,2,3-Trichloropropane
Concen: 43.005 ug/l
RT: 12.581 min Scan# 1869
Delta R.T. -0.147 min
Lab File: VD075699.D
Acq: 17 Apr 2023 14:12

Tgt Ion: 75 Resp: 9429
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

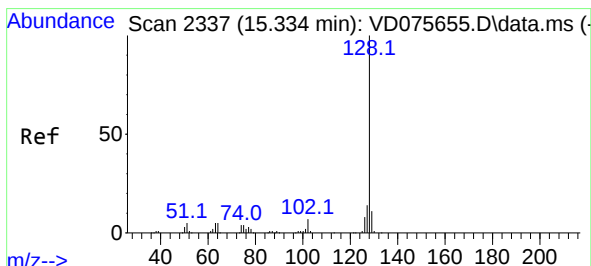
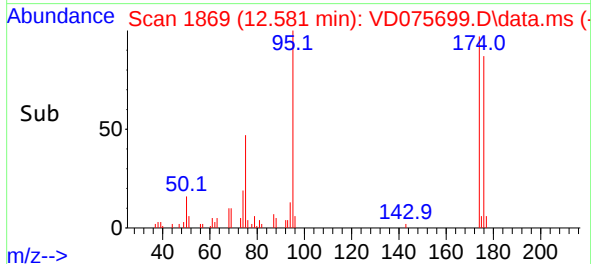
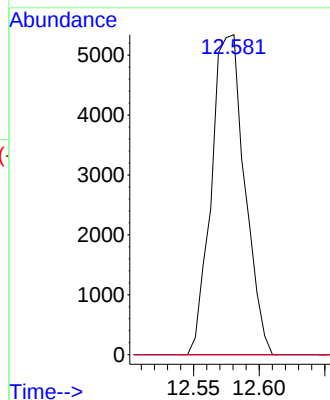
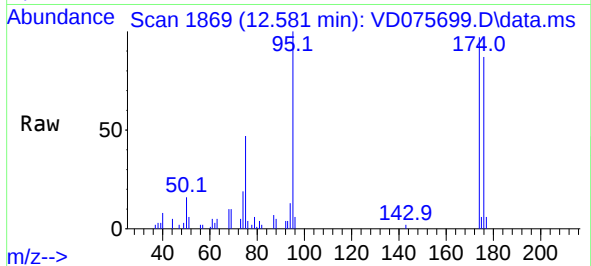




#81
trans-1,4-Dichloro-2-butene
Concen: 93.209 ug/l
RT: 12.581 min Scan# 1869
Delta R.T. 0.106 min
Lab File: VD075699.D
Acq: 17 Apr 2023 14:12

Instrument :
MSVOA_D
ClientSampleId :
TR-05-041323RE

Tgt Ion: 75 Resp: 9429
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 40.2 60.4#



#95
Naphthalene
Concen: 2.459 ug/l
RT: 15.339 min Scan# 2338
Delta R.T. 0.005 min
Lab File: VD075699.D
Acq: 17 Apr 2023 14:12

Tgt Ion: 128 Resp: 2197
Ion Ratio Lower Upper
128 100
127 0.0 10.4 15.6#
129 3.0 8.8 13.2#

