

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041823\
 Data File : VD075724.D
 Acq On : 18 Apr 2023 13:53
 Operator : KP/SY
 Sample : 02370-01
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HR-04-041423

Quant Time: Apr 19 01:23:26 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)

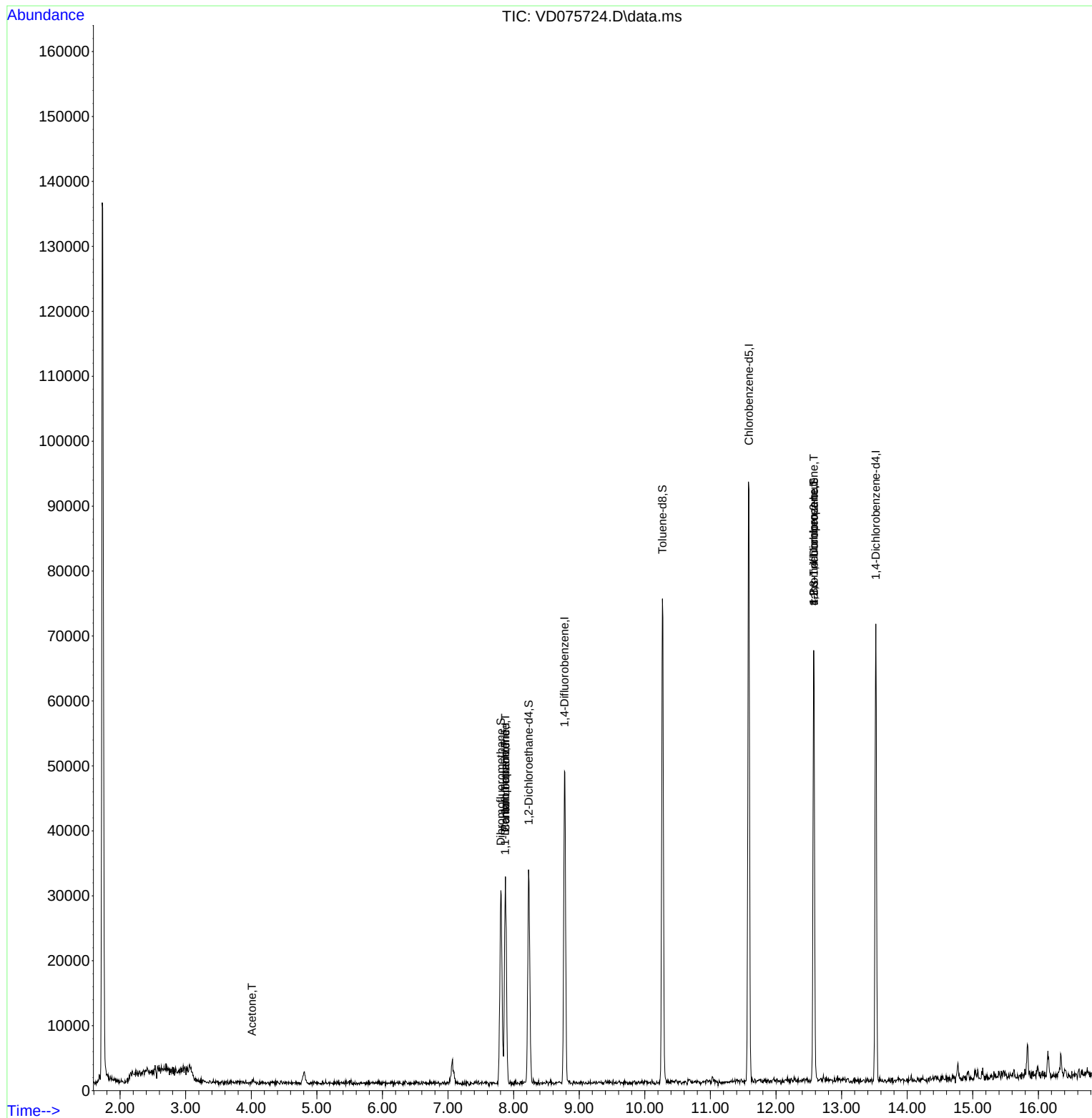
Internal Standards						
1) Pentafluorobenzene	7.875	168	26542	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	48698	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	62504	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	21691	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	24808	98.470	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 196.940%#	
35) Dibromofluoromethane	7.805	113	21838	66.672	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 133.340%	
50) Toluene-d8	10.269	98	58964	44.953	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 89.900%	
62) 4-Bromofluorobenzene	12.575	95	21274	61.020	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 122.040%	
Target Compounds						
					Qvalue	
16) Acetone	4.011	43	929	20.128	ug/l	# 44
36) 1,1-Dichloropropene	7.869	75	1729	3.826	ug/l	# 42
38) Carbon Tetrachloride	7.875	117	2210	5.554	ug/l	# 13
76) 1,2,3-Trichloropropane	12.575	75	9687	54.763	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.575	75	9687	118.694	ug/l	# 5

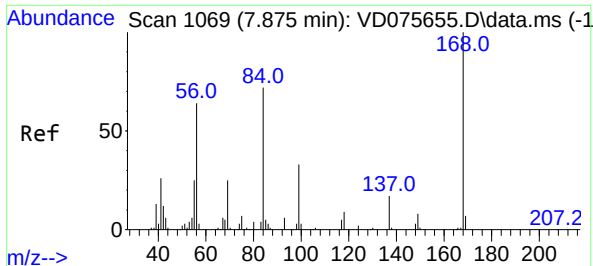
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

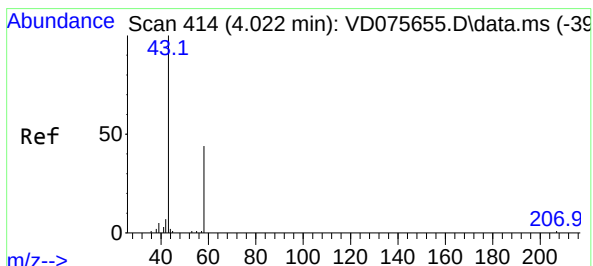
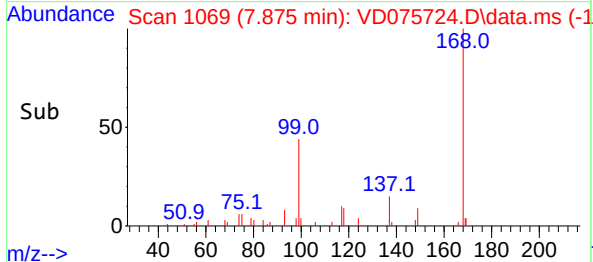
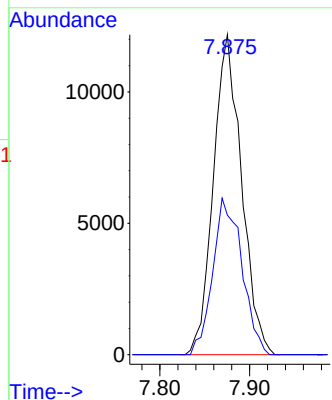
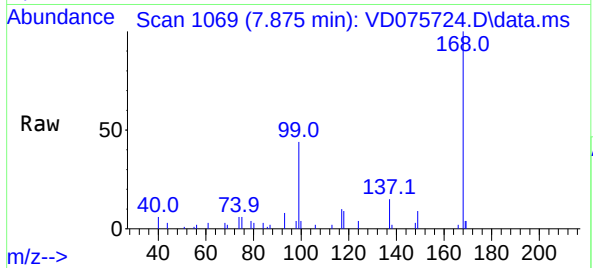




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075724.D
Acq: 18 Apr 2023 13:53

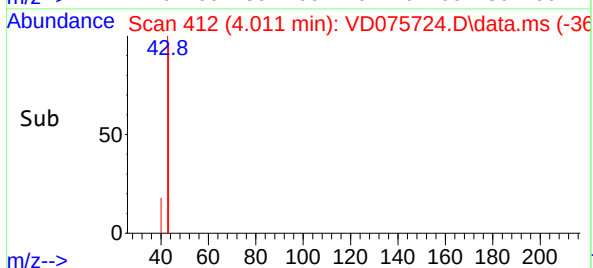
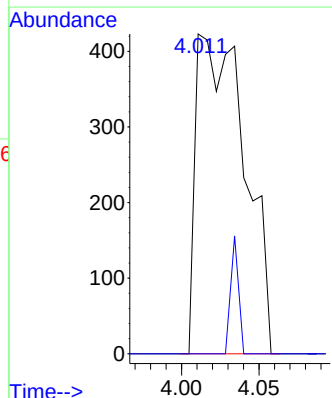
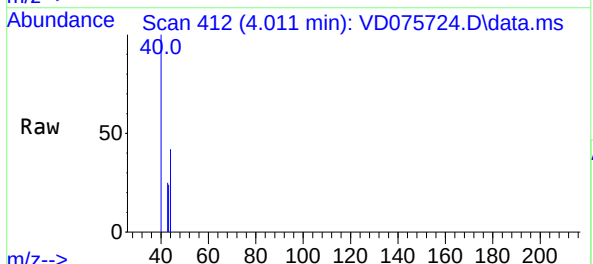
Instrument :
MSVOA_D
ClientSampleId :
HR-04-041423

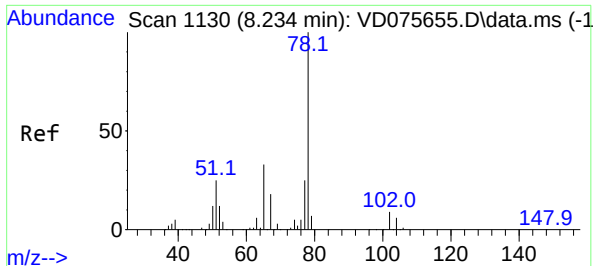
Tgt Ion:168 Resp: 26542
Ion Ratio Lower Upper
168 100
99 43.6 43.8 65.6#



#16
Acetone
Concen: 20.128 ug/l
RT: 4.011 min Scan# 412
Delta R.T. -0.011 min
Lab File: VD075724.D
Acq: 18 Apr 2023 13:53

Tgt Ion: 43 Resp: 929
Ion Ratio Lower Upper
43 100
58 0.0 24.4 36.6#

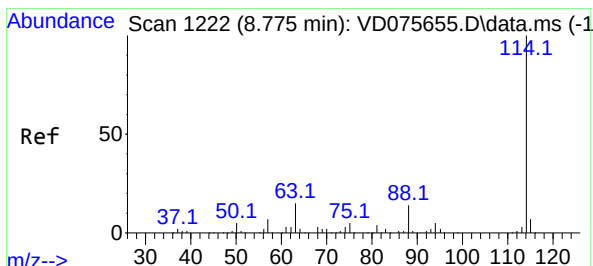
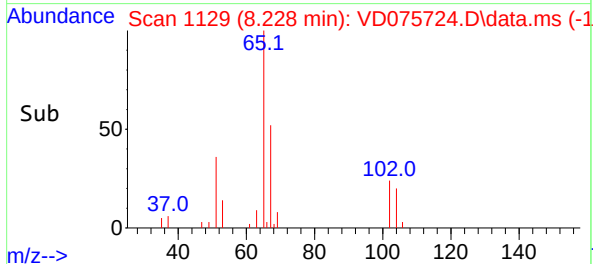
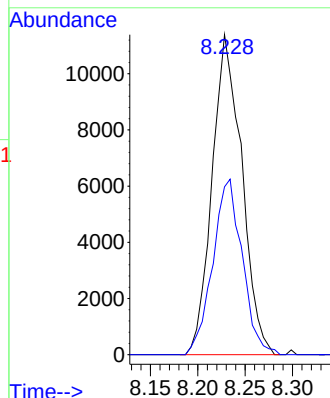
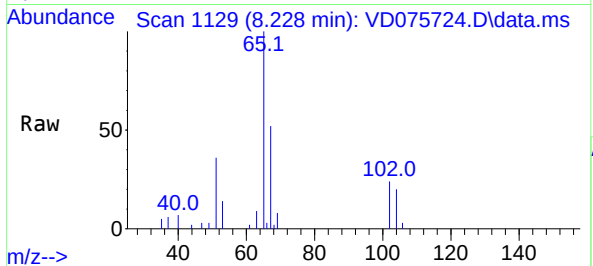




#33
 1,2-Dichloroethane-d4
 Concen: 98.470 ug/l
 RT: 8.228 min Scan# 1130
 Delta R.T. -0.006 min
 Lab File: VD075724.D
 Acq: 18 Apr 2023 13:53

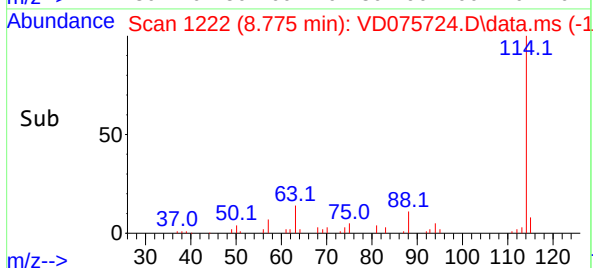
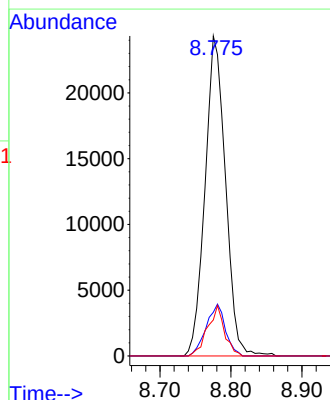
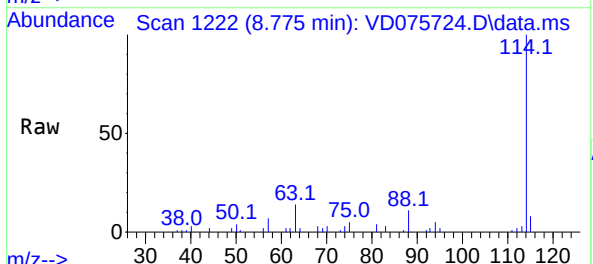
Instrument :
 MSVOA_D
 ClientSampleId :
 HR-04-041423

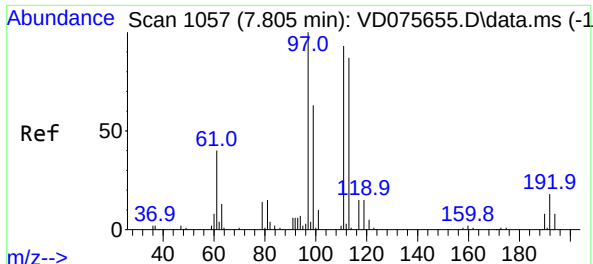
Tgt Ion: 65 Resp: 24808
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 102.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.775 min Scan# 1222
 Delta R.T. 0.000 min
 Lab File: VD075724.D
 Acq: 18 Apr 2023 13:53

Tgt Ion: 114 Resp: 48698
 Ion Ratio Lower Upper
 114 100
 63 13.6 0.0 41.6
 88 11.2 0.0 30.6

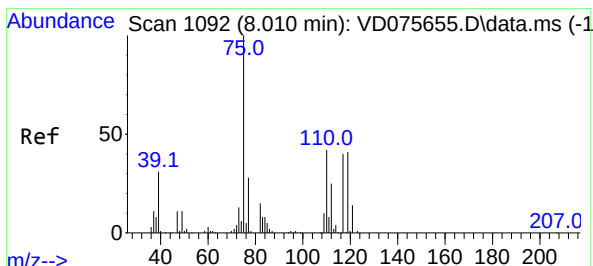
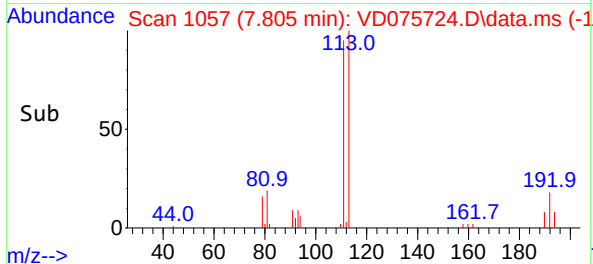
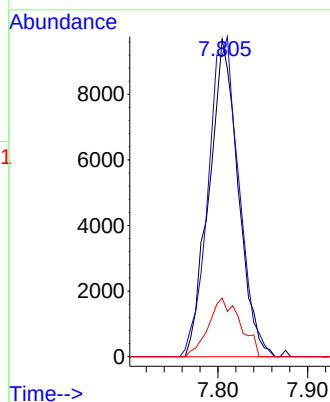
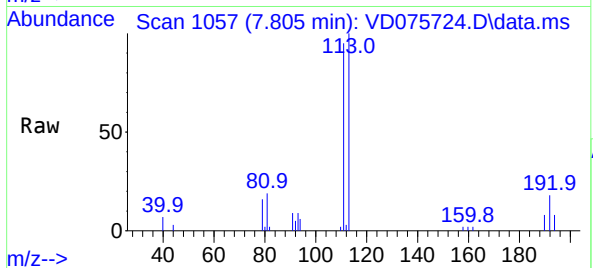




#35
Dibromofluoromethane
Concen: 66.672 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD075724.D
Acq: 18 Apr 2023 13:53

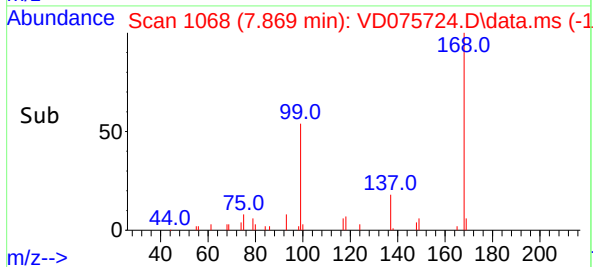
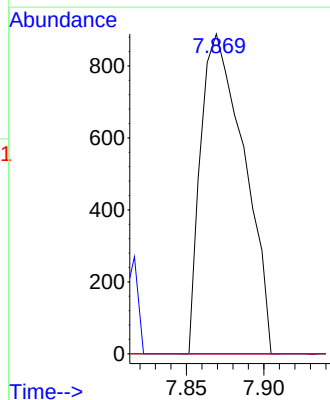
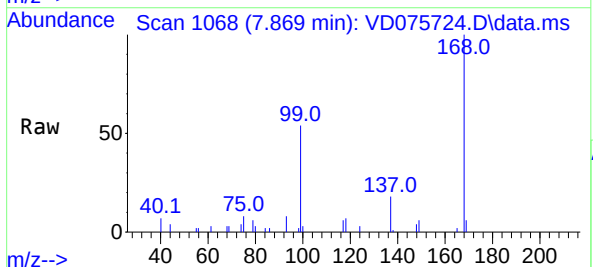
Instrument : MSVOA_D
ClientSampleId : HR-04-041423

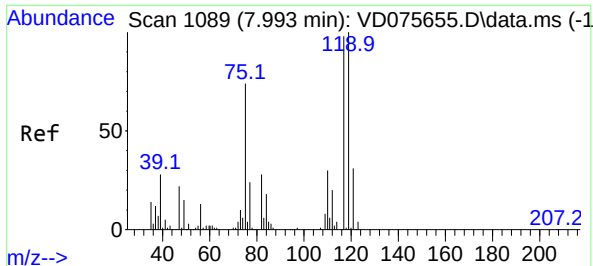
Tgt Ion:	113	Resp:	21838
Ion	Ratio	Lower	Upper
113	100		
111	105.8	81.4	122.0
192	20.1	15.2	22.8



#36
1,1-Dichloropropene
Concen: 3.826 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.141 min
Lab File: VD075724.D
Acq: 18 Apr 2023 13:53

Tgt Ion:	75	Resp:	1729
Ion	Ratio	Lower	Upper
75	100		
110	0.0	17.1	51.2#
77	0.0	24.6	36.8#

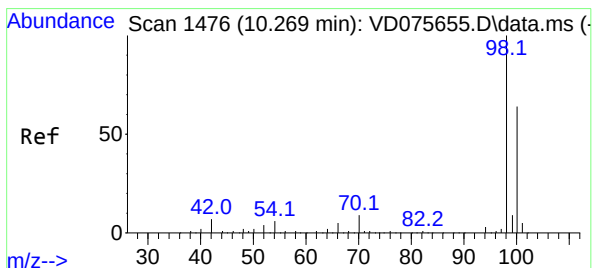
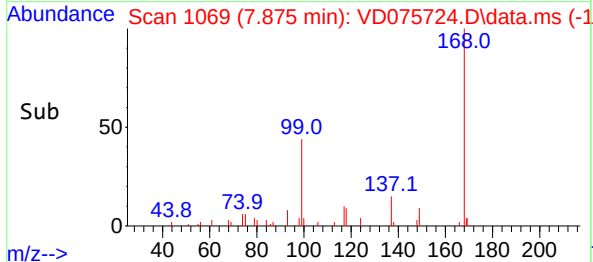
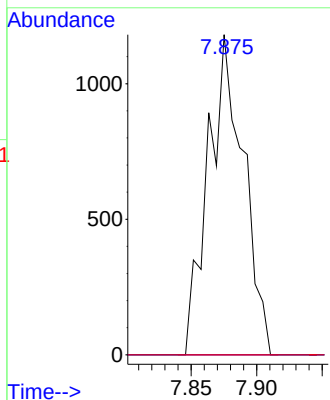
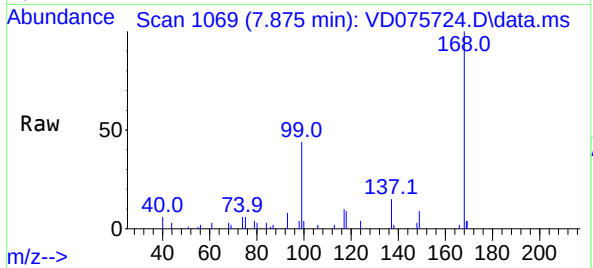




#38
Carbon Tetrachloride
Concen: 5.554 ug/l
RT: 7.875 min Scan# 1089
Delta R.T. -0.118 min
Lab File: VD075724.D
Acq: 18 Apr 2023 13:53

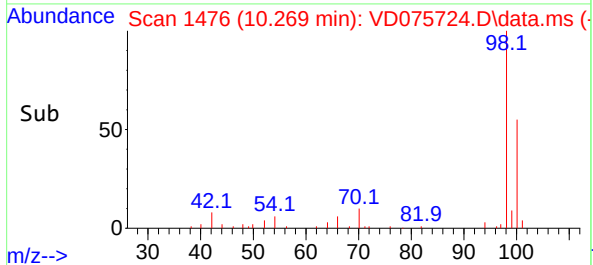
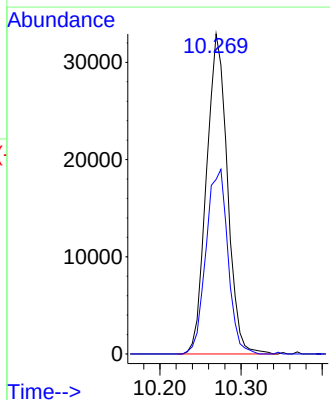
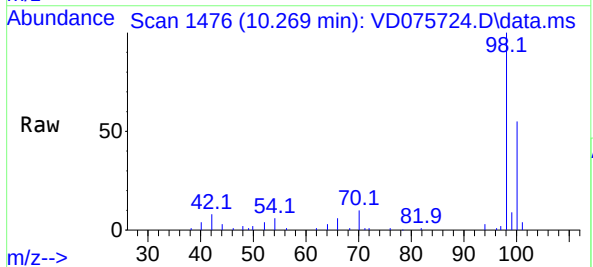
Instrument :
MSVOA_D
ClientSampleId :
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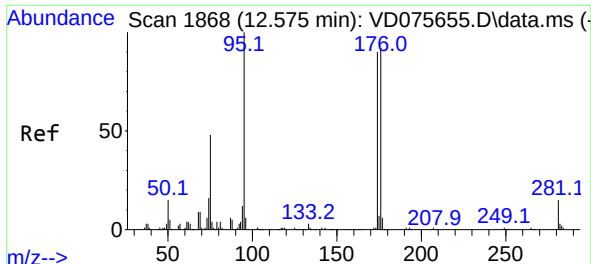
Tgt Ion:117 Resp: 2210
Ion Ratio Lower Upper
117 100
119 0.0 74.7 112.1#
121 0.0 25.9 38.9#



#50
Toluene-d8
Concen: 44.953 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075724.D
Acq: 18 Apr 2023 13:53

Tgt Ion: 98 Resp: 58964
Ion Ratio Lower Upper
98 100
100 60.4 52.1 78.1



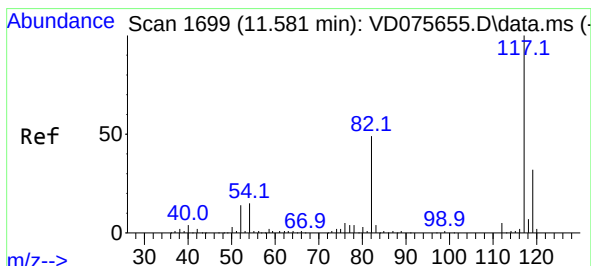
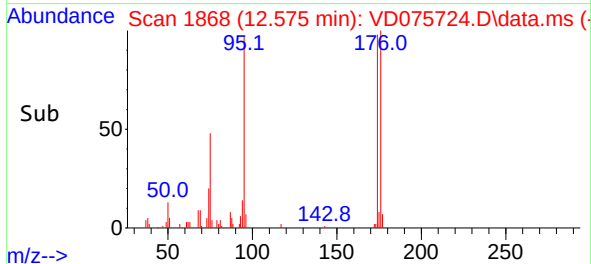
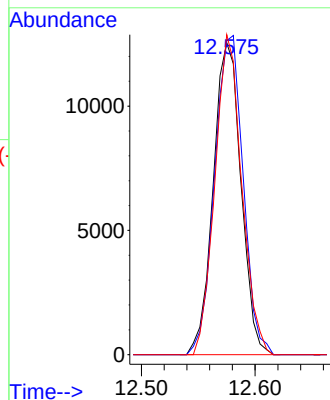
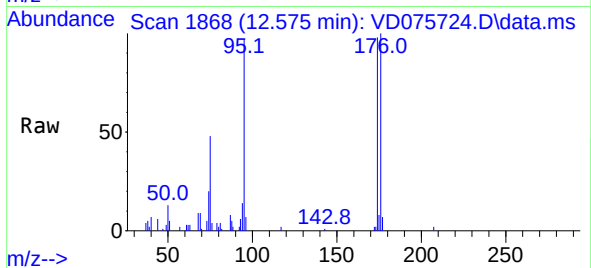


#62
4-Bromofluorobenzene
Concen: 61.020 ug/l
RT: 12.575 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075724.D
Acq: 18 Apr 2023 13:53

Instrument :
MSVOA_D
ClientSampleId :
HR-04-041423

Tgt Ion: 95 Resp: 21274

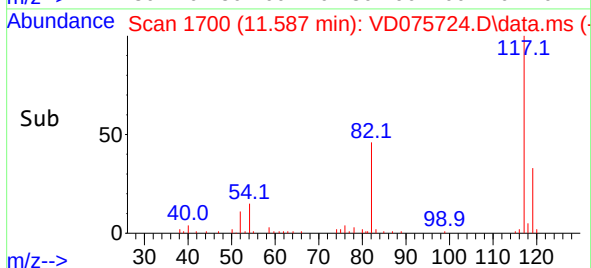
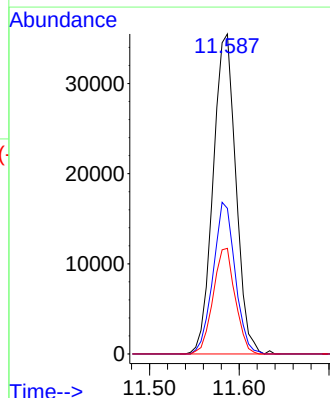
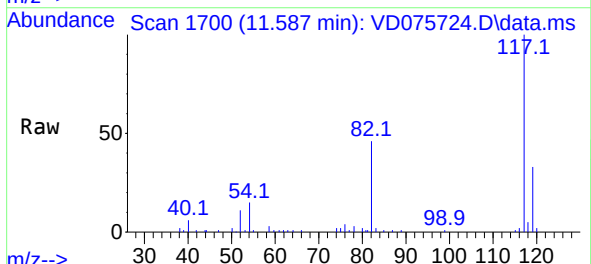
Ion	Ratio	Lower	Upper
95	100		
174	105.2	0.0	164.0
176	99.0	0.0	156.8

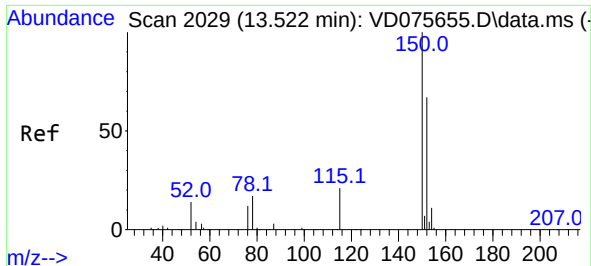


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 1700
Delta R.T. 0.006 min
Lab File: VD075724.D
Acq: 18 Apr 2023 13:53

Tgt Ion: 117 Resp: 62504

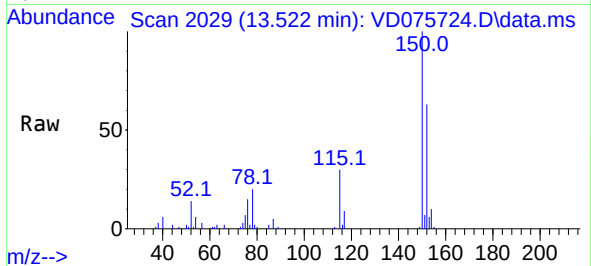
Ion	Ratio	Lower	Upper
117	100		
82	45.5	44.0	66.0
119	33.0	25.1	37.7



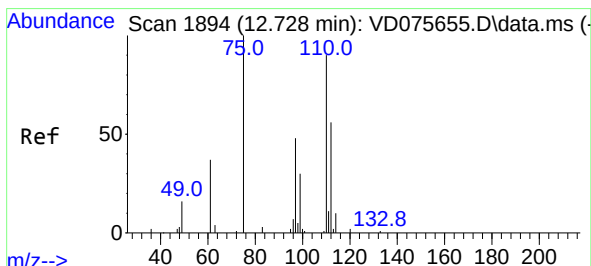
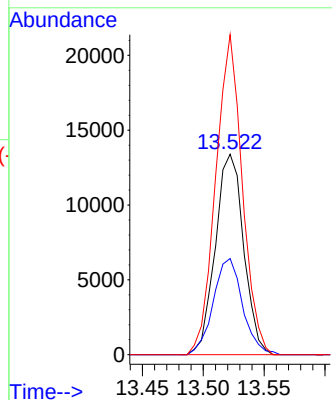
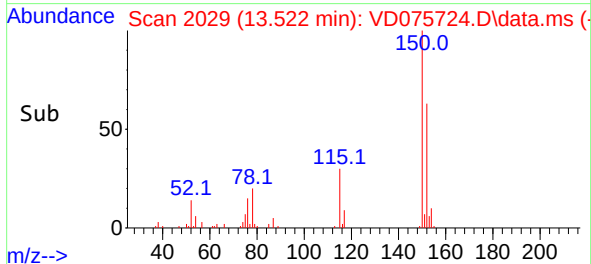


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 20
Delta R.T. -0.000 min
Lab File: VD075724.D
Acq: 18 Apr 2023 13:53

Instrument :
MSVOA_D
ClientSampleId :
HR-04-041423

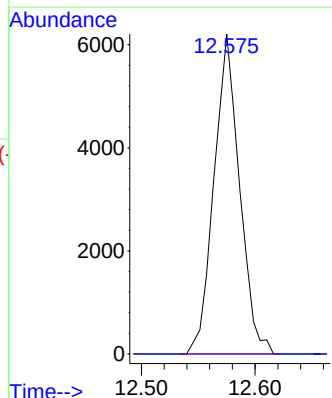
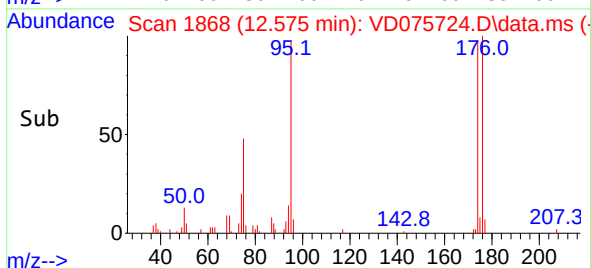
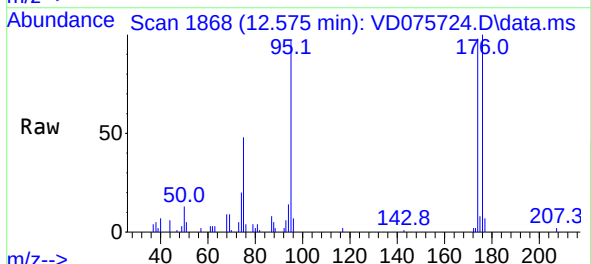


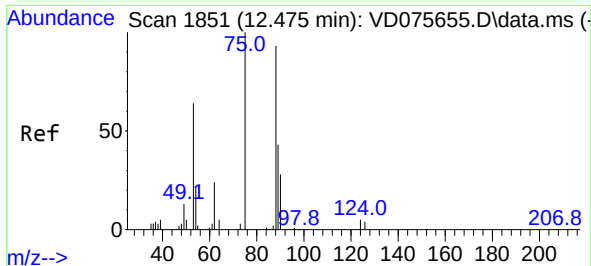
Tgt Ion:152 Resp: 21691
Ion Ratio Lower Upper
152 100
115 49.7 30.1 90.3
150 149.6 0.0 364.8



#76
1,2,3-Trichloropropane
Concen: 54.763 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD075724.D
Acq: 18 Apr 2023 13:53

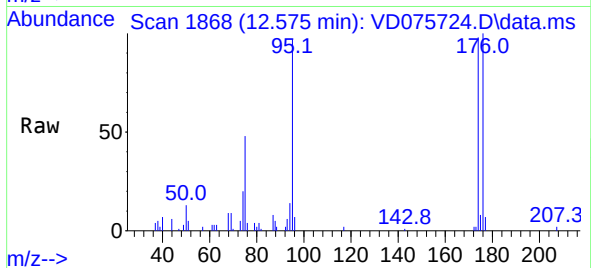
Tgt Ion: 75 Resp: 9687
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 118.694 ug/l
 RT: 12.575 min Scan# 11
 Delta R.T. 0.100 min
 Lab File: VD075724.D
 Acq: 18 Apr 2023 13:53

Instrument :
 MSVOA_D
 ClientSampleId :
 HR-04-041423



Tgt Ion:	75	Resp:	9687
Ion	Ratio	Lower	Upper
75	100		
53	0.0	90.5	135.7#
89	0.0	40.2	60.4#

