

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100821\
 Data File : VD070642.D
 Acq On : 08 Oct 2021 16:47
 Operator : VA/SY
 Sample : M4129-01
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Oct 08 18:12:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100521S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 06 09:10:31 2021
 Response via : Initial Calibration

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

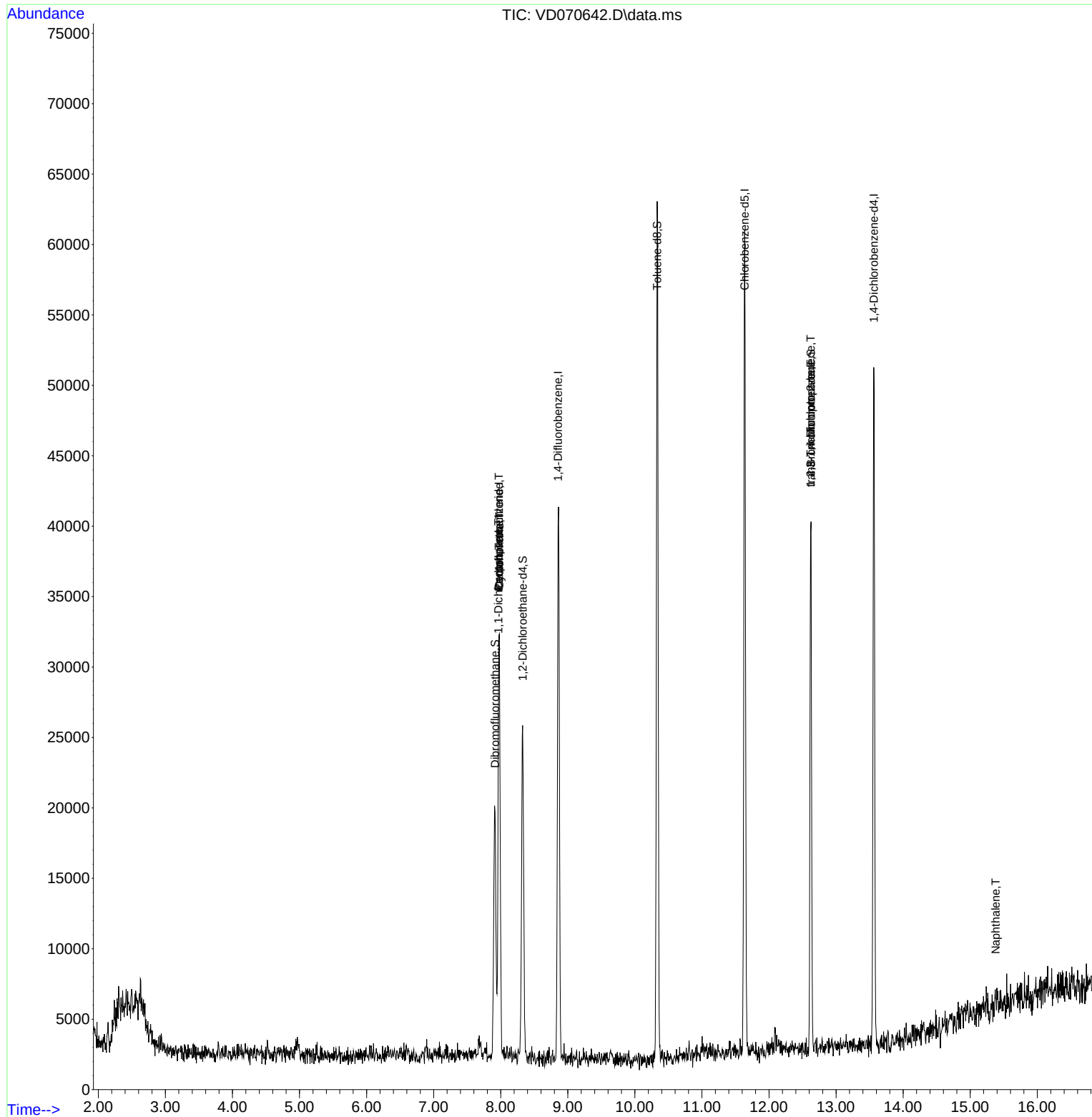
Internal Standards						
1) Pentafluorobenzene	7.973	168	21847	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	36672	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	37069	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	13839	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	18845	73.296	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 146.600%			
35) Dibromofluoromethane	7.914	113	13378	54.869	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.740%			
50) Toluene-d8	10.332	98	45914	49.260	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 98.520%			
62) 4-Bromofluorobenzene	12.626	95	14048	45.095	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 90.180%			
Target Compounds			Qvalue			
20) Methylene Chloride	4.956	84	998	Below Cal	#	61
31) Cyclohexane	7.979	56	501	1.052	ug/l #	1
36) 1,1-Dichloropropene	7.967	75	1916	4.919	ug/l #	42
38) Carbon Tetrachloride	7.973	117	2662	6.531	ug/l #	12
76) 1,2,3-Trichloropropane	12.620	75	6800	54.288	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	6800	120.529	ug/l #	17
95) Naphthalene	15.379	128	252	3.035	ug/l #	69

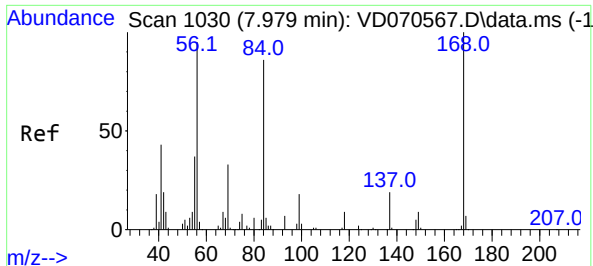
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Oct 06 09:10:31 2021
Response via : Initial Calibration

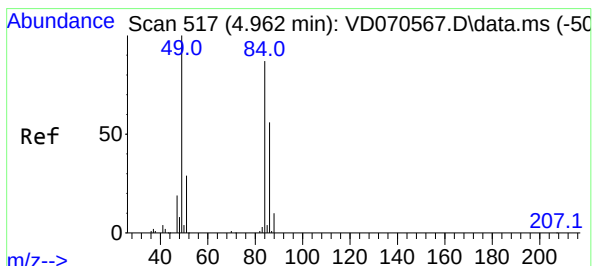
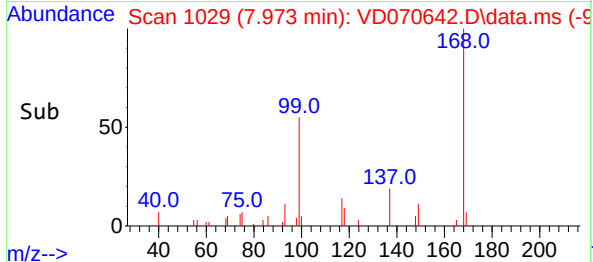
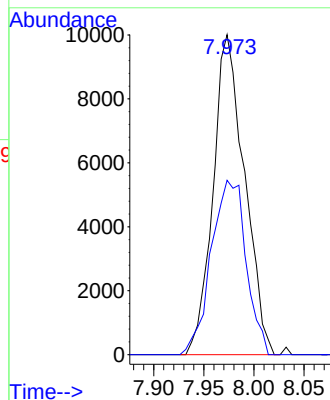
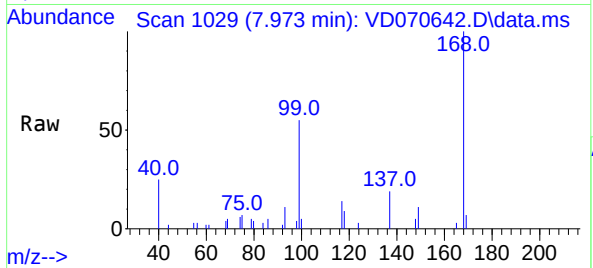




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD070642.D
Acq: 08 Oct 2021 16:47

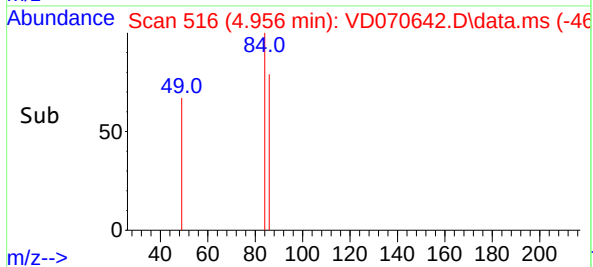
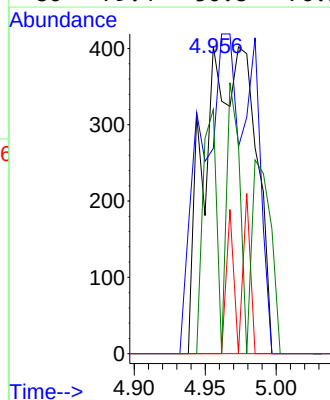
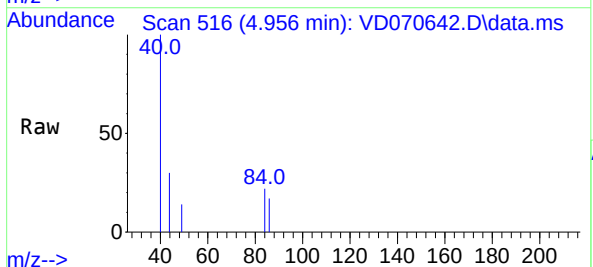
Instrument :
MSVOA_D
ClientSampleId :

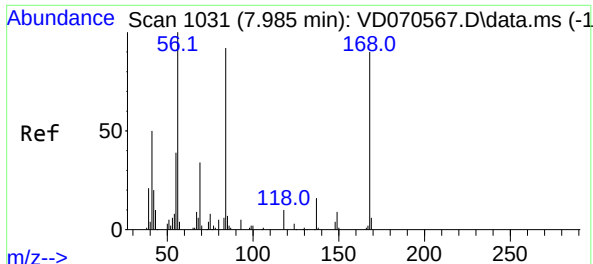
Tgt Ion:168 Resp: 21847
Ion Ratio Lower Upper
168 100
99 54.5 51.4 77.0



#20
Methylene Chloride
Concen: Below Cal
RT: 4.956 min Scan# 516
Delta R.T. -0.006 min
Lab File: VD070642.D
Acq: 08 Oct 2021 16:47

Tgt Ion: 84 Resp: 998
Ion Ratio Lower Upper
84 100
49 66.7 91.4 137.2#
51 0.0 26.7 40.1#
86 79.4 50.8 76.2#

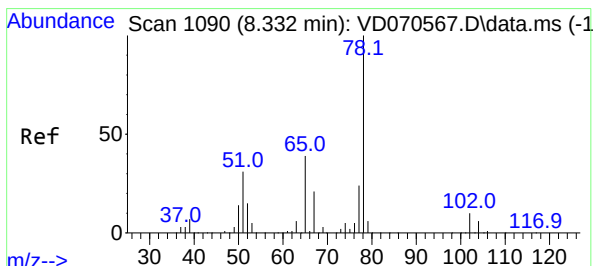
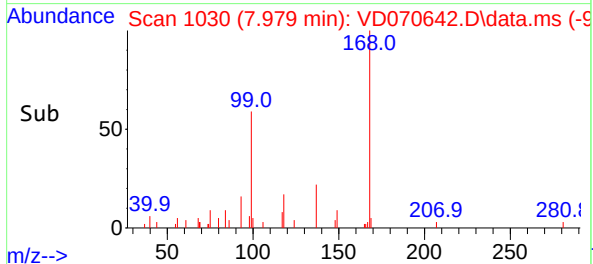
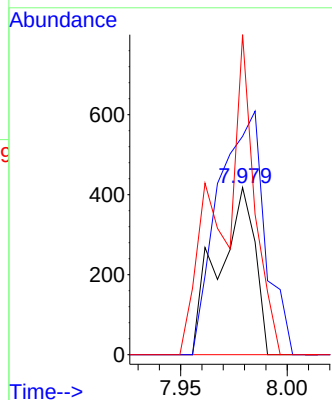
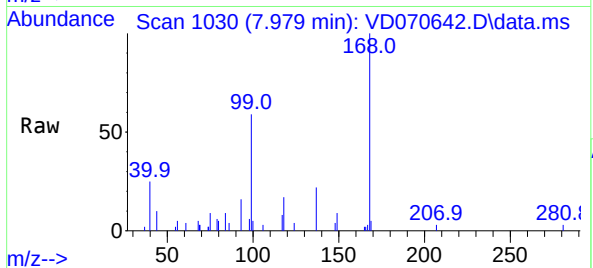




#31
Cyclohexane
Concen: 1.052 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD070642.D
Acq: 08 Oct 2021 16:47

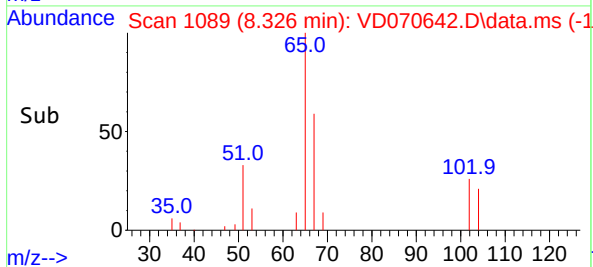
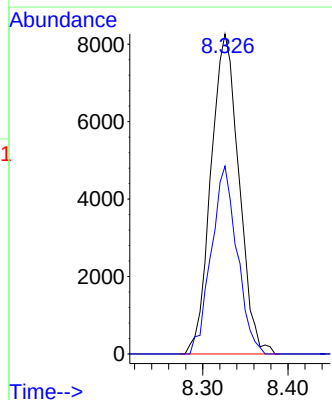
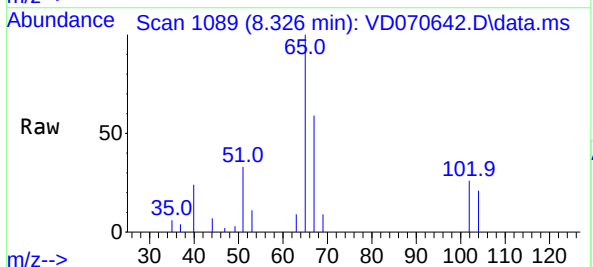
Instrument :
MSVOA_D
ClientSampled :

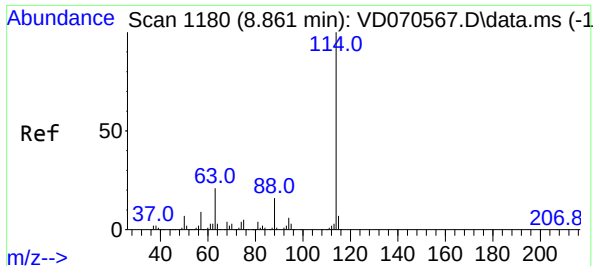
Tgt Ion: 56 Resp: 501
Ion Ratio Lower Upper
56 100
69 130.6 27.4 41.2#
84 191.4 73.6 110.4#



#33
1,2-Dichloroethane-d4
Concen: 73.296 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD070642.D
Acq: 08 Oct 2021 16:47

Tgt Ion: 65 Resp: 18845
Ion Ratio Lower Upper
65 100
67 54.2 0.0 110.2



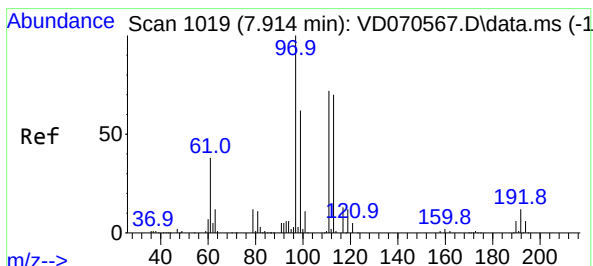
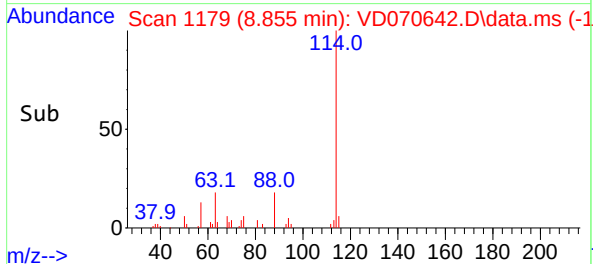
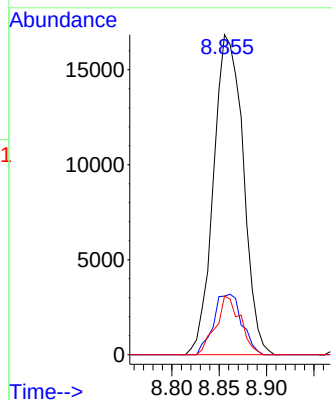
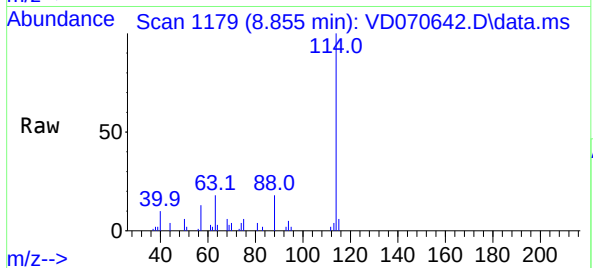


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1179
Delta R.T. -0.006 min
Lab File: VD070642.D
Acq: 08 Oct 2021 16:47

Instrument :
MSVOA_D
ClientSampleId :

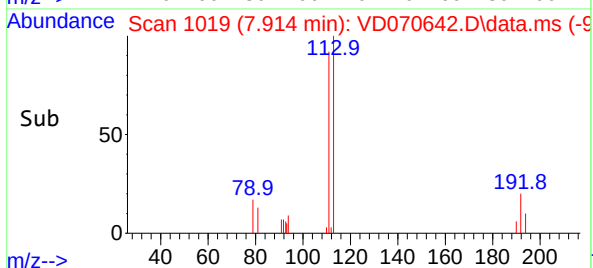
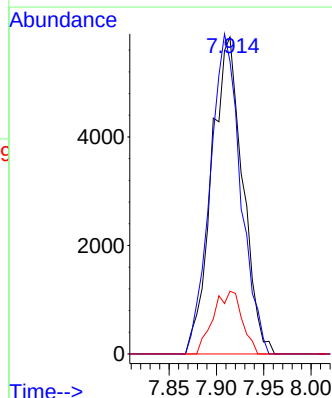
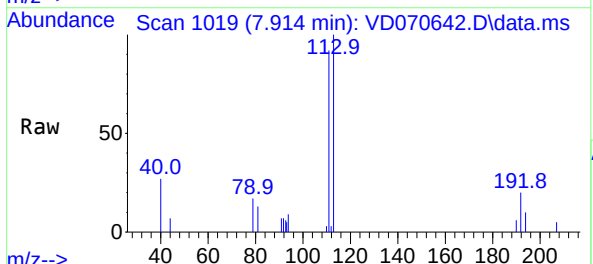
Tgt Ion:	114	Resp:	36672
Ion	Ratio	Lower	Upper
114	100		
63	18.3	0.0	41.8
88	18.3	0.0	32.6

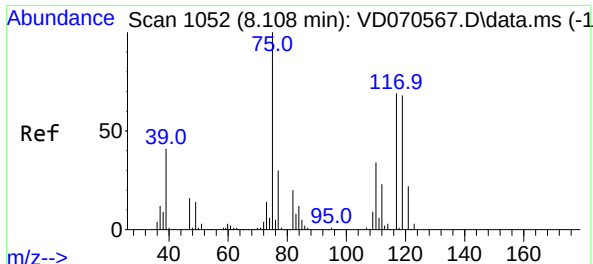


#35

Dibromofluoromethane
Concen: 54.869 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070642.D
Acq: 08 Oct 2021 16:47

Tgt Ion:	113	Resp:	13378
Ion	Ratio	Lower	Upper
113	100		
111	98.9	83.1	124.7
192	18.2	12.7	19.1



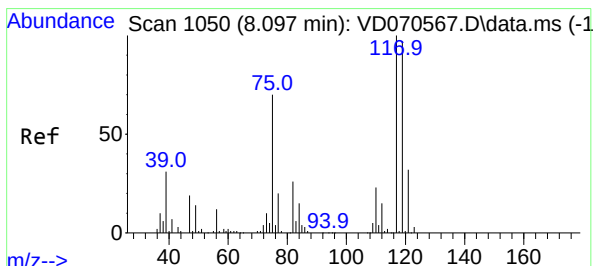
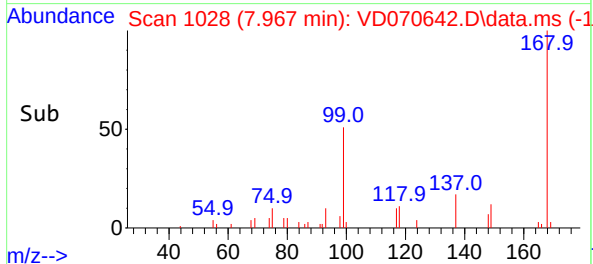
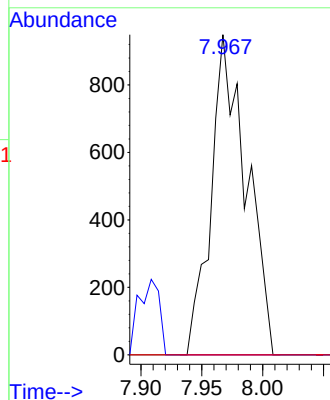
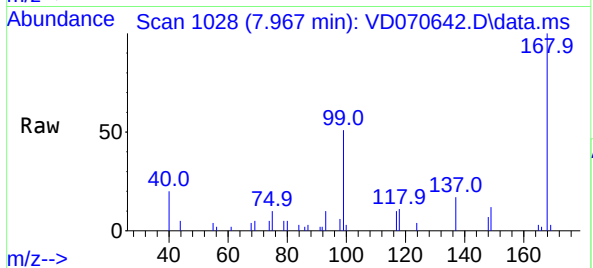


#36

1,1-Dichloropropene
Concen: 4.919 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.141 min
Lab File: VD070642.D
Acq: 08 Oct 2021 16:47

Instrument :
MSVOA_D
ClientSampleId :

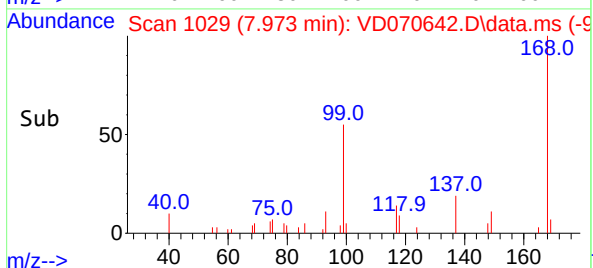
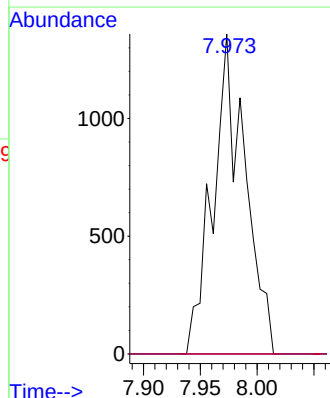
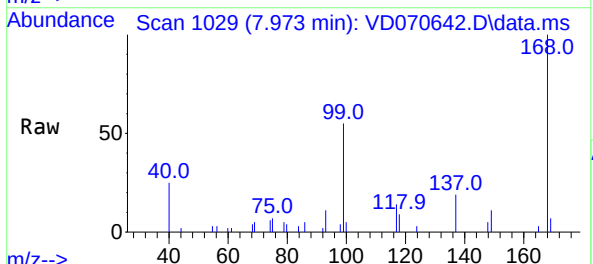
Tgt Ion: 75	Resp:	1916
Ion Ratio	Lower	Upper
75	100	
110	0.0	17.2 51.6#
77	0.0	24.2 36.4#

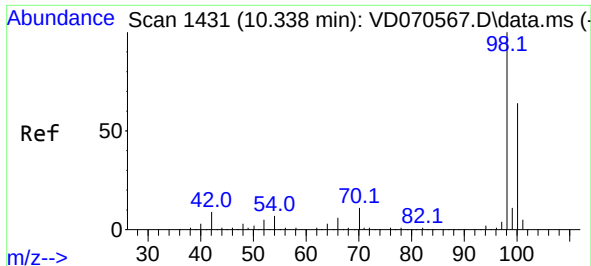


#38

Carbon Tetrachloride
Concen: 6.531 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.124 min
Lab File: VD070642.D
Acq: 08 Oct 2021 16:47

Tgt Ion: 117	Resp:	2662
Ion Ratio	Lower	Upper
117	100	
119	0.0	77.4 116.0#
121	0.0	25.4 38.0#

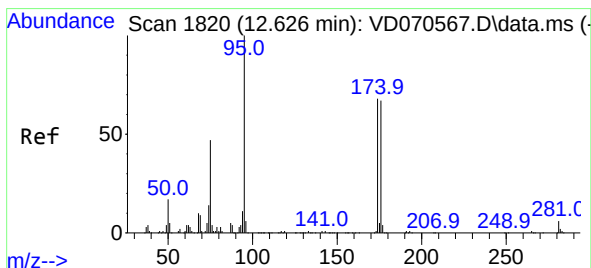
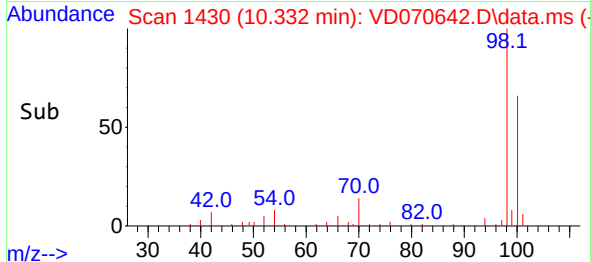
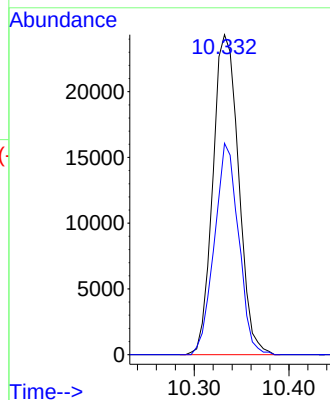
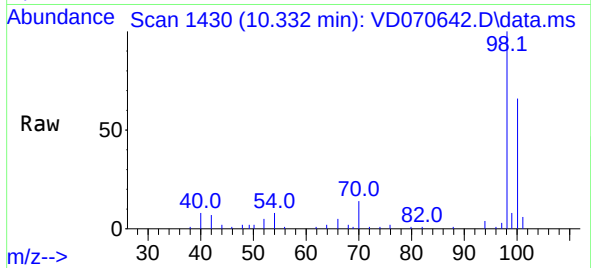




#50
Toluene-d8
Concen: 49.260 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD070642.D
Acq: 08 Oct 2021 16:47

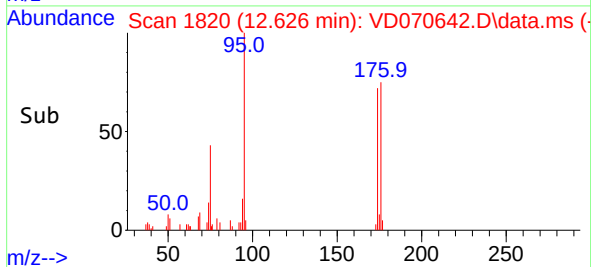
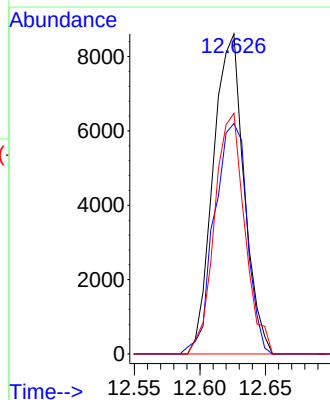
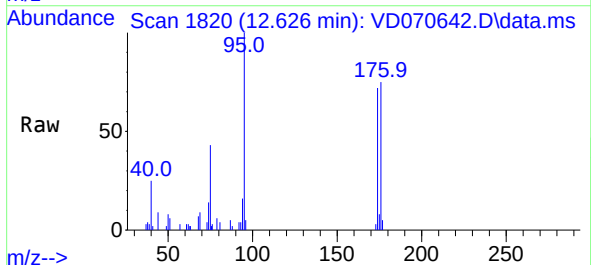
Instrument :
MSVOA_D
ClientSampled :

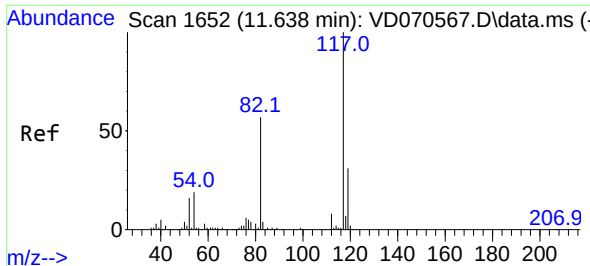
Tgt Ion: 98 Resp: 45914
Ion Ratio Lower Upper
98 100
100 62.3 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 45.095 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070642.D
Acq: 08 Oct 2021 16:47

Tgt Ion: 95 Resp: 14048
Ion Ratio Lower Upper
95 100
174 76.7 0.0 138.0
176 73.7 0.0 135.6

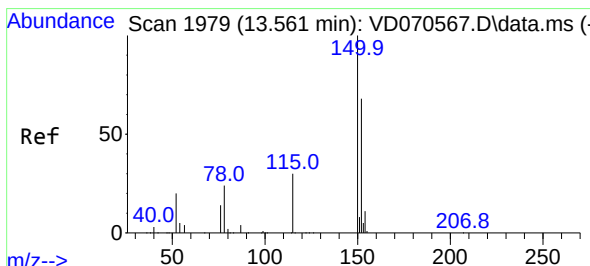
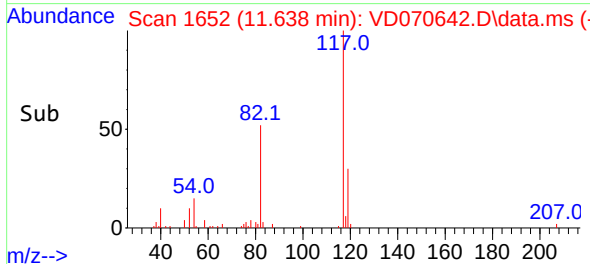
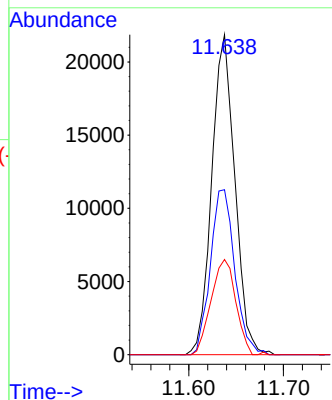
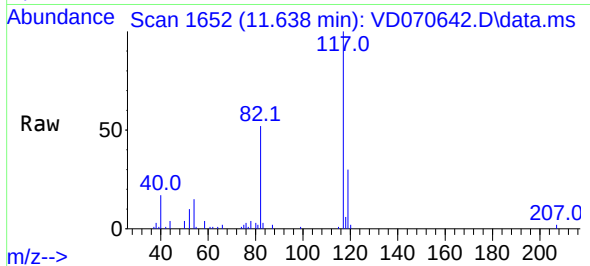




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070642.D
Acq: 08 Oct 2021 16:47

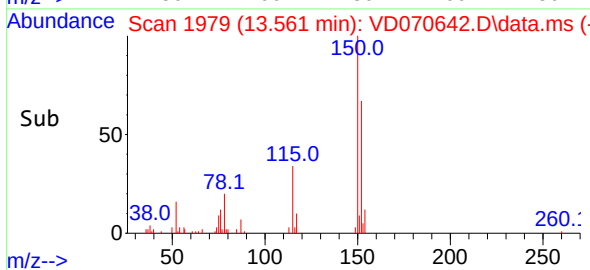
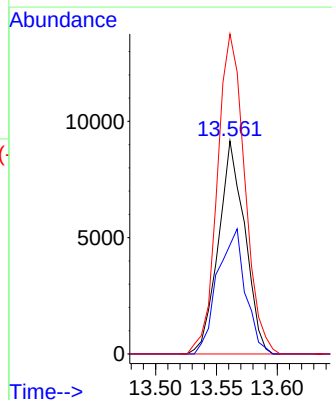
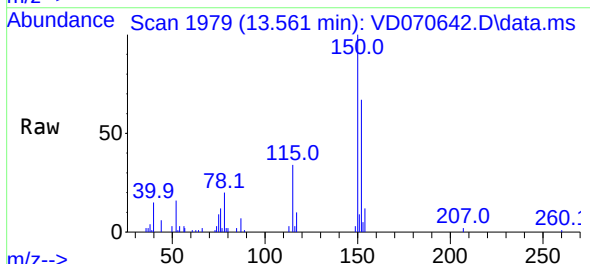
Instrument :
MSVOA_D
ClientSampleId :

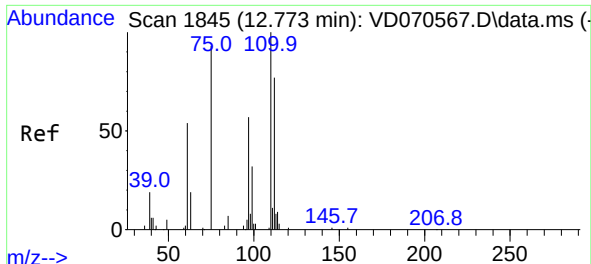
Tgt Ion:	117	Resp:	37069
Ion	Ratio	Lower	Upper
117	100		
82	51.6	45.4	68.2
119	29.8	24.7	37.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD070642.D
Acq: 08 Oct 2021 16:47

Tgt Ion:	152	Resp:	13839
Ion	Ratio	Lower	Upper
152	100		
115	62.0	31.9	95.7
150	156.4	0.0	350.0

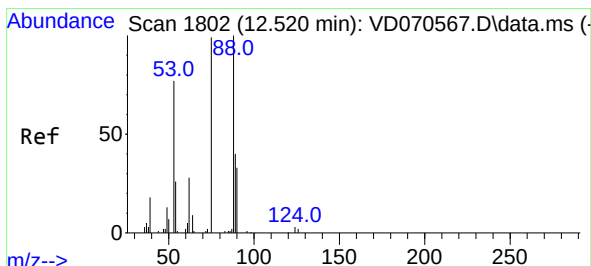
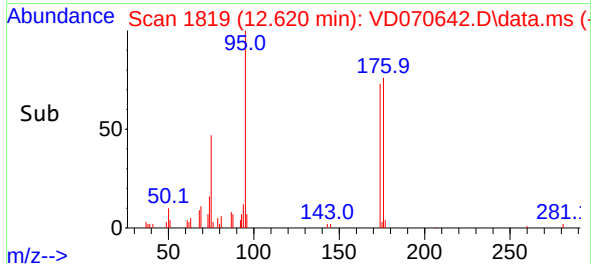
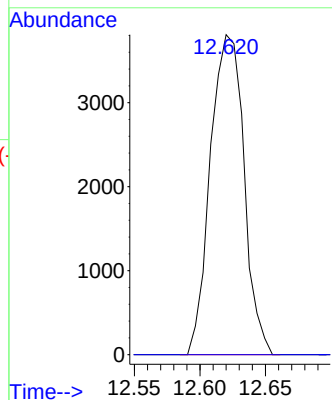
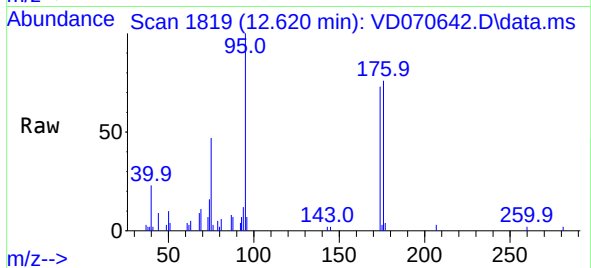




#76
1,2,3-Trichloropropane
Concen: 54.288 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.153 min
Lab File: VD070642.D
Acq: 08 Oct 2021 16:47

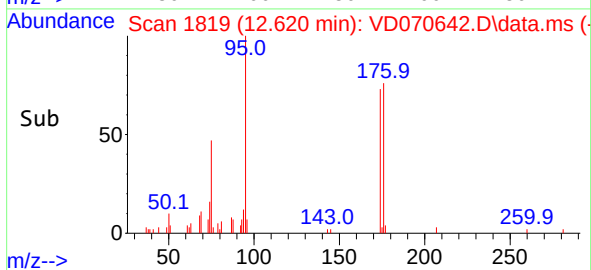
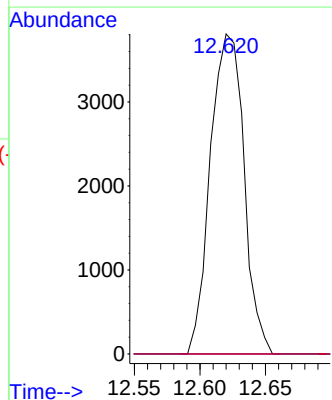
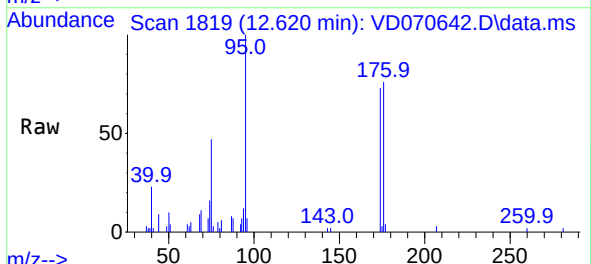
Instrument :
MSVOA_D
ClientSampleId :

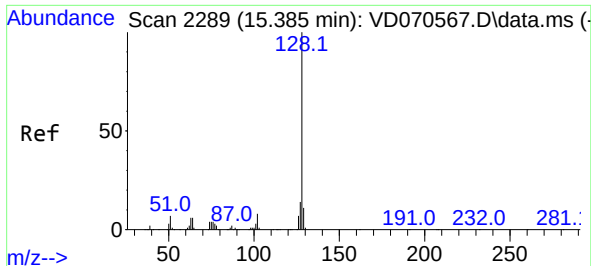
Tgt Ion: 75 Resp: 6800
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 120.529 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.100 min
Lab File: VD070642.D
Acq: 08 Oct 2021 16:47

Tgt Ion: 75 Resp: 6800
Ion Ratio Lower Upper
75 100
53 0.0 64.5 96.7#
89 0.0 35.3 52.9#





#95
Naphthalene
Concen: 3.035 ug/l
RT: 15.379 min Scan# 2288
Delta R.T. -0.006 min
Lab File: VD070642.D
Acq: 08 Oct 2021 16:47

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 252
Ion Ratio Lower Upper
128 100
127 0.0 10.9 16.3#
129 0.0 8.6 12.8#

