

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100821\
 Data File : VD070643.D
 Acq On : 08 Oct 2021 17:16
 Operator : VA/SY
 Sample : M4129-01
 Misc : 5.04G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Oct 08 18:12:43 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)

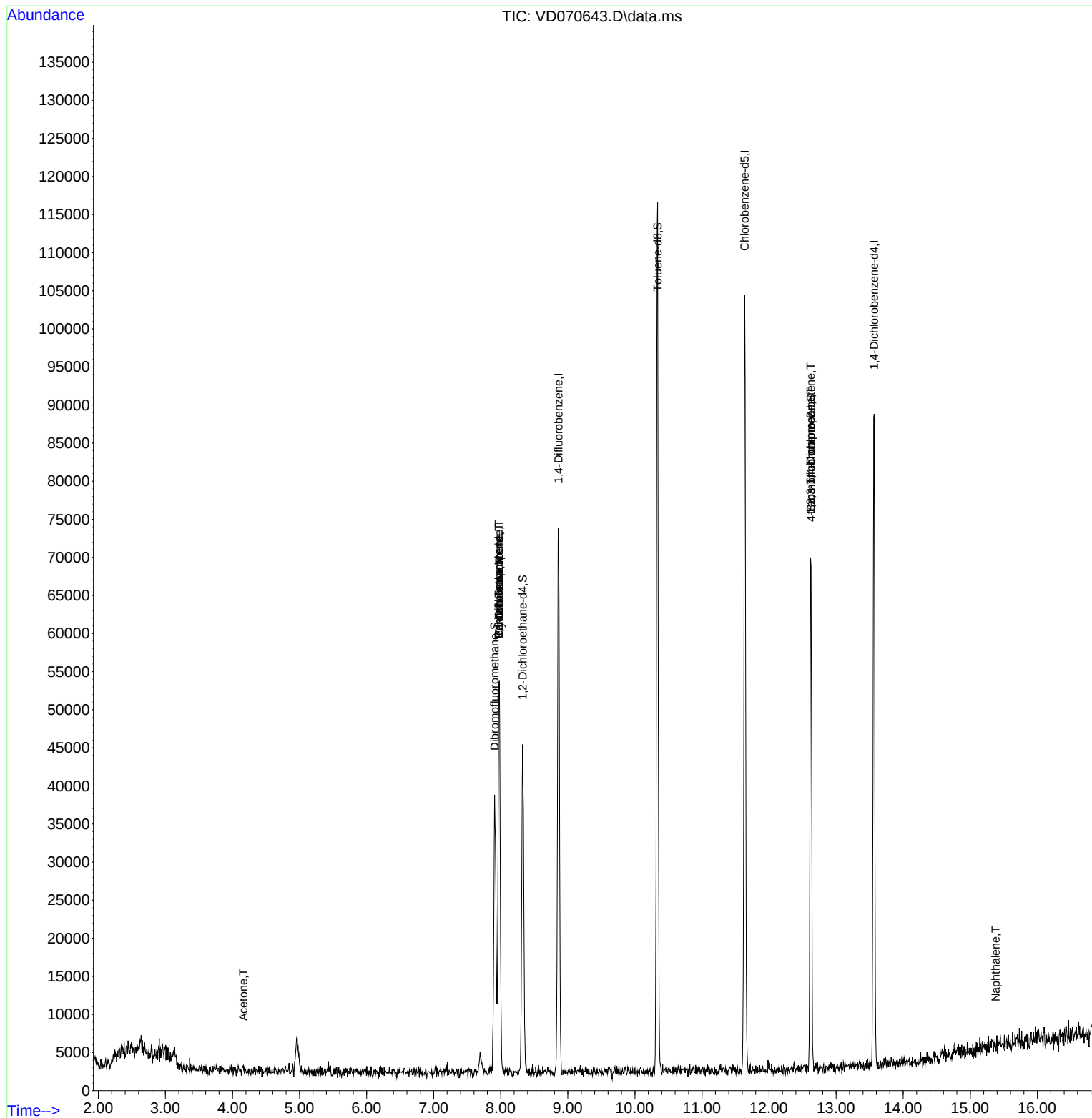
Internal Standards						
1) Pentafluorobenzene	7.973	168	37153	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	63373	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	64138	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	25067	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	33286	76.128	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 152.260%	
35) Dibromofluoromethane	7.908	113	26179	62.133	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 124.260%	
50) Toluene-d8	10.338	98	82031	50.928	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 101.860%	
62) 4-Bromofluorobenzene	12.626	95	25224	46.855	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 93.700%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.779	94	405	Below Cal		91
16) Acetone	4.161	43	216	2.909 ug/l	#	40
20) Methylene Chloride	4.973	84	3751	Below Cal	#	60
31) Cyclohexane	7.979	56	887	1.096 ug/l	#	1
36) 1,1-Dichloropropene	7.973	75	3382	5.025 ug/l	#	48
38) Carbon Tetrachloride	7.973	117	4549	6.458 ug/l	#	12
76) 1,2,3-Trichloropropane	12.620	75	11310	49.849 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.620	75	11310	110.674 ug/l	#	17
95) Naphthalene	15.378	128	379	2.943 ug/l	#	69

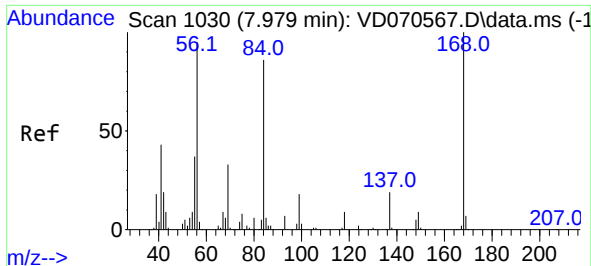
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VD070643.D
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MSVOA_D
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Quant Time: Oct 08 18:12:43 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

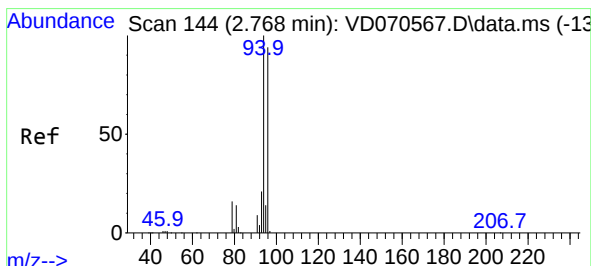
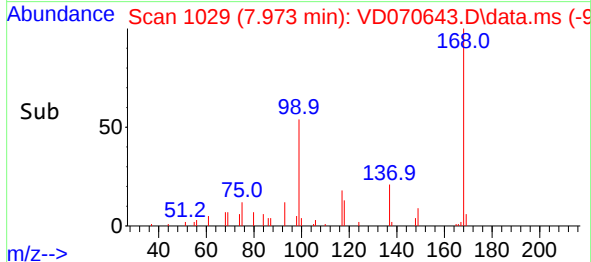
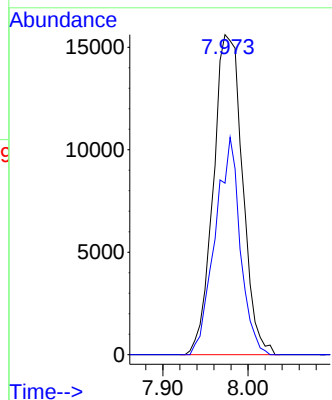
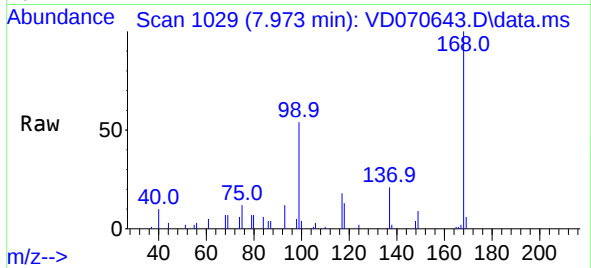




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD070643.D
Acq: 08 Oct 2021 17:16

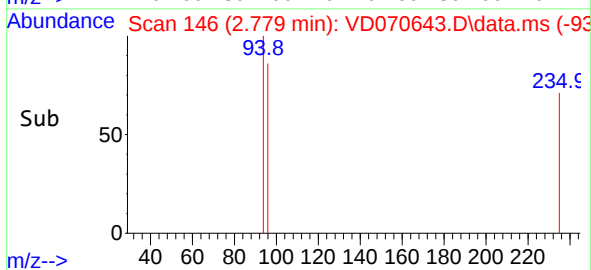
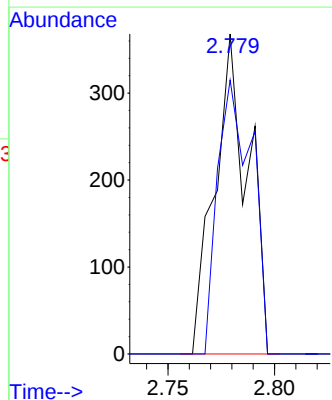
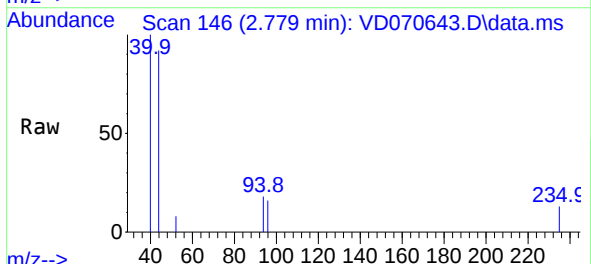
Instrument :
MSVOA_D
ClientSampled :

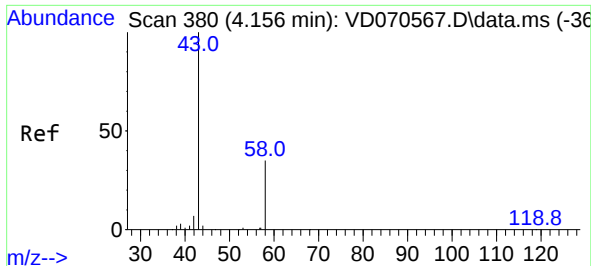
Tgt Ion:168 Resp: 37153
Ion Ratio Lower Upper
168 100
99 53.6 51.4 77.0



#5
Bromomethane
Concen: Below Cal
RT: 2.779 min Scan# 146
Delta R.T. 0.011 min
Lab File: VD070643.D
Acq: 08 Oct 2021 17:16

Tgt Ion: 94 Resp: 405
Ion Ratio Lower Upper
94 100
96 85.6 75.5 113.3

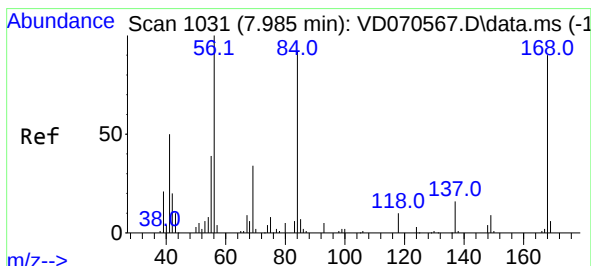
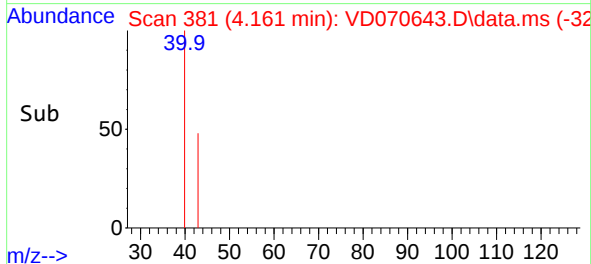
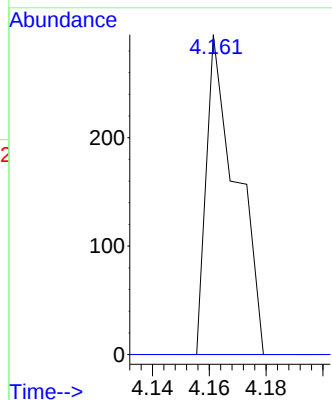
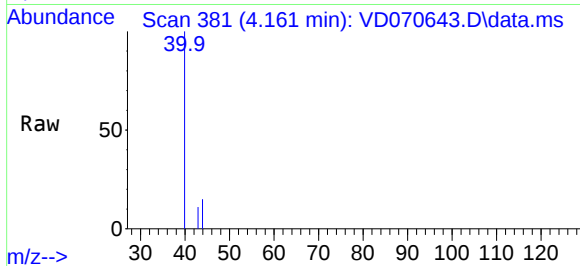




#16
Acetone
Concen: 2.909 ug/l
RT: 4.161 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD070643.D
Acq: 08 Oct 2021 17:16

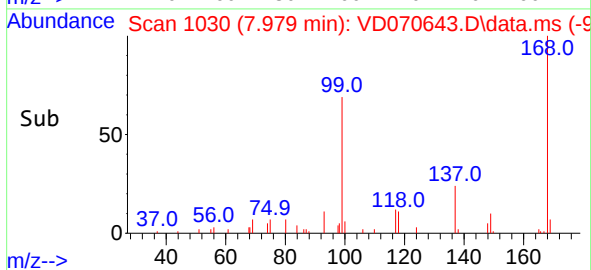
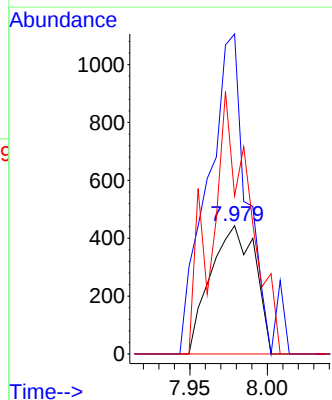
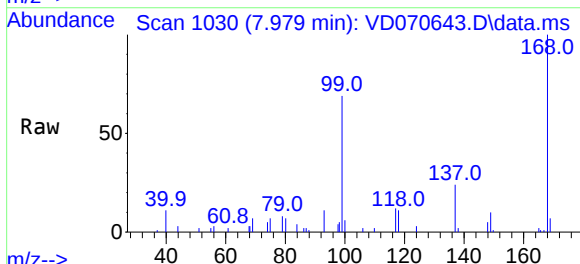
Instrument :
MSVOA_D
ClientSampled :

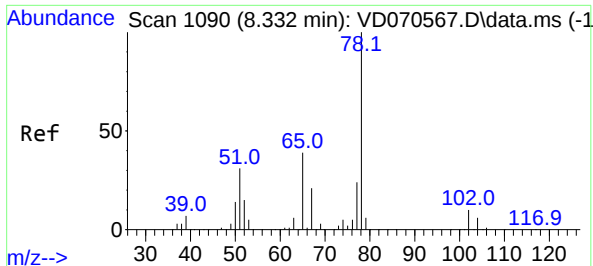
Tgt Ion: 43 Resp: 216
Ion Ratio Lower Upper
43 100
58 0.0 28.2 42.2#



#31
Cyclohexane
Concen: 1.096 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD070643.D
Acq: 08 Oct 2021 17:16

Tgt Ion: 56 Resp: 887
Ion Ratio Lower Upper
56 100
69 249.7 27.4 41.2#
84 123.3 73.6 110.4#

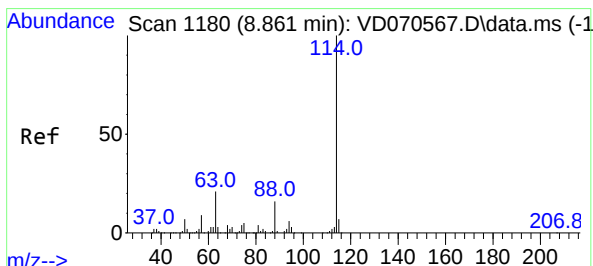
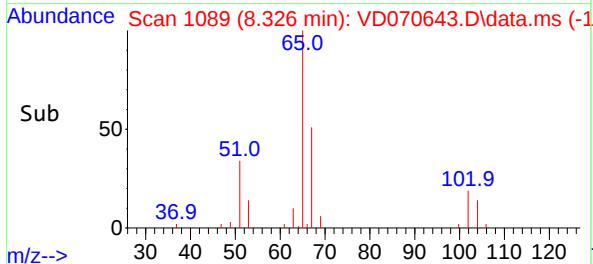
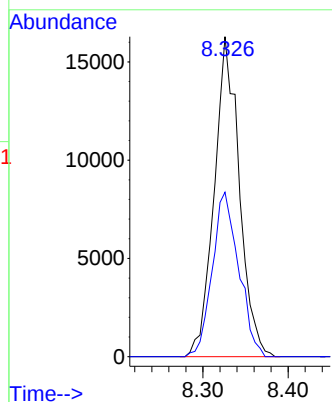
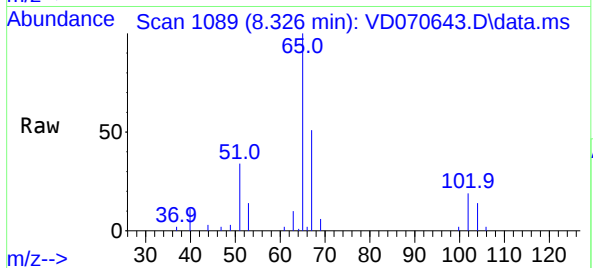




#33
1,2-Dichloroethane-d4
Concen: 76.128 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD070643.D
Acq: 08 Oct 2021 17:16

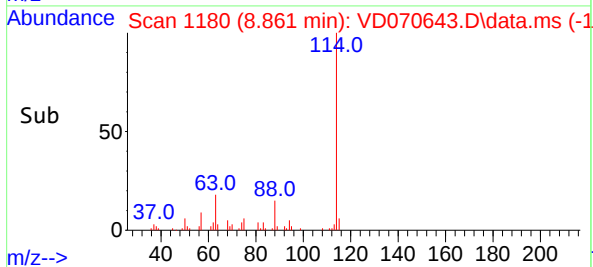
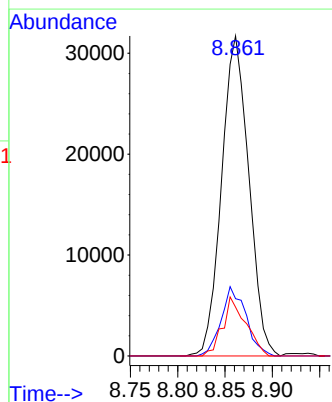
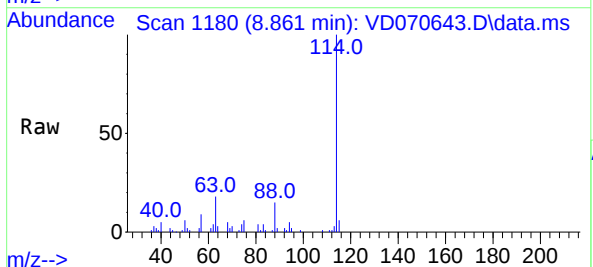
Instrument :
MSVOA_D
ClientSampleId :

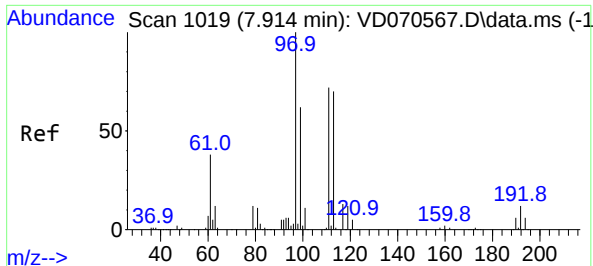
Tgt Ion: 65 Resp: 33286
Ion Ratio Lower Upper
65 100
67 54.1 0.0 110.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070643.D
Acq: 08 Oct 2021 17:16

Tgt Ion: 114 Resp: 63373
Ion Ratio Lower Upper
114 100
63 17.9 0.0 41.8
88 15.3 0.0 32.6



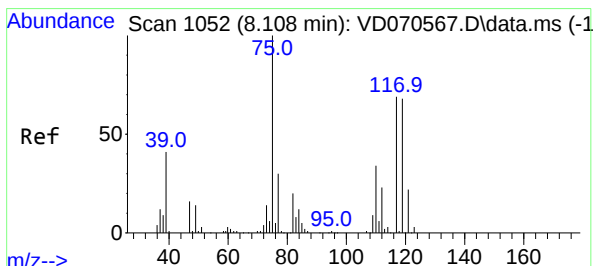
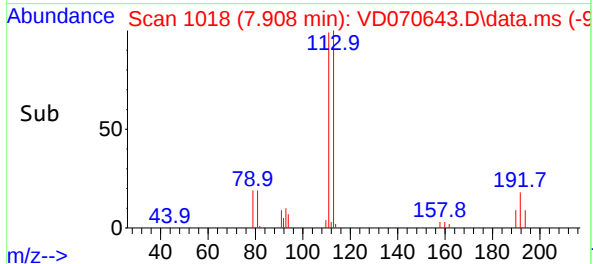
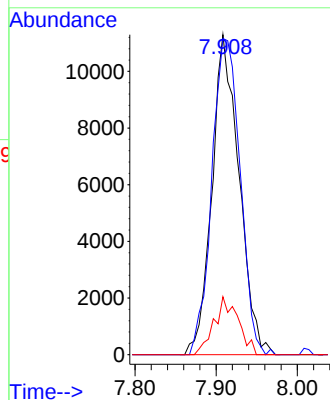
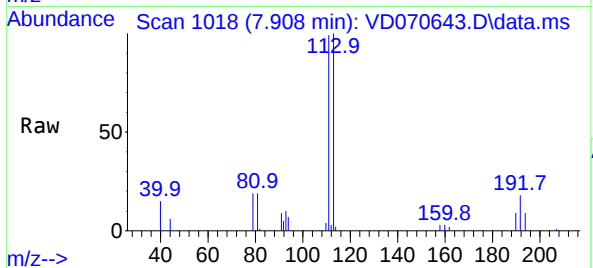


#35

Dibromofluoromethane
Concen: 62.133 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD070643.D
Acq: 08 Oct 2021 17:16

Instrument :
MSVOA_D
ClientSampled :

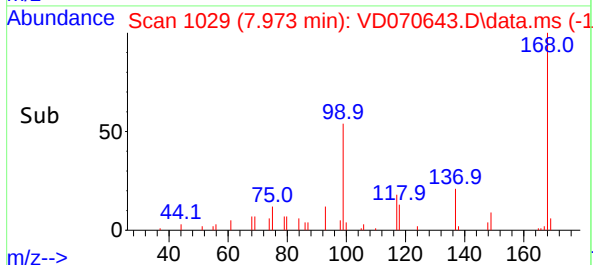
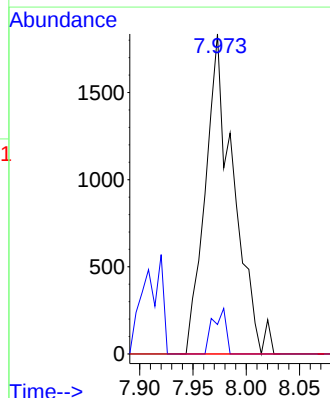
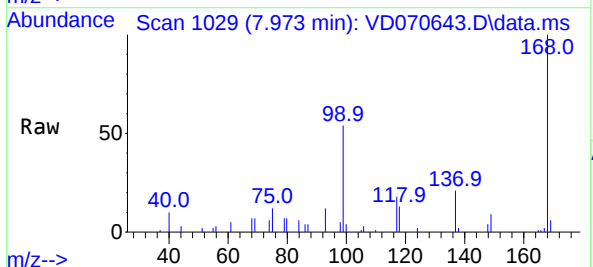
Tgt Ion:113 Resp: 26179
Ion Ratio Lower Upper
113 100
111 103.3 83.1 124.7
192 16.1 12.7 19.1

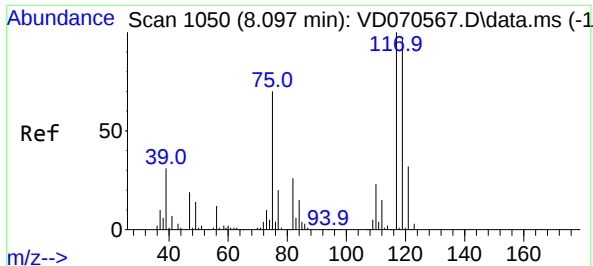


#36

1,1-Dichloropropene
Concen: 5.025 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.136 min
Lab File: VD070643.D
Acq: 08 Oct 2021 17:16

Tgt Ion: 75 Resp: 3382
Ion Ratio Lower Upper
75 100
110 6.6 17.2 51.6#
77 0.0 24.2 36.4#

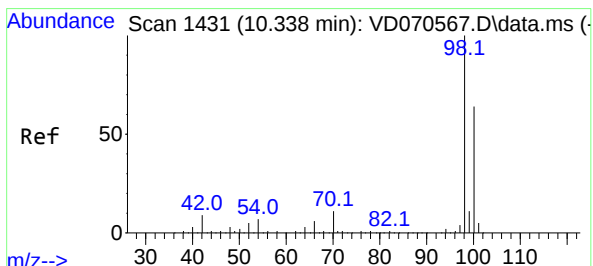
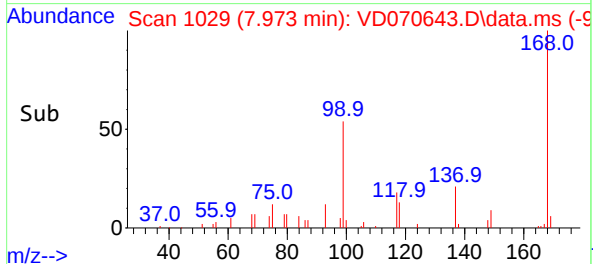
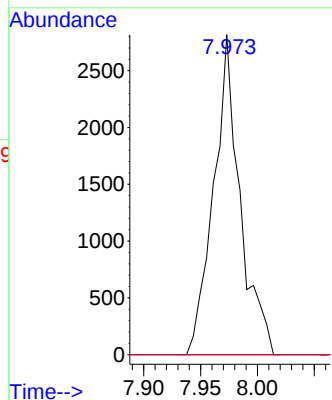
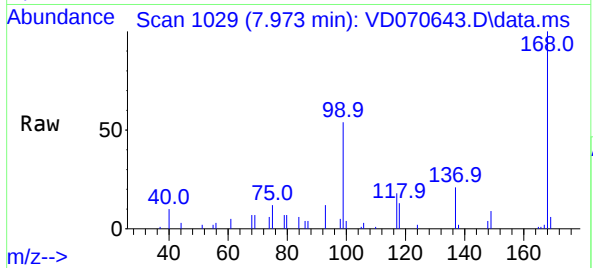




#38
Carbon Tetrachloride
Concen: 6.458 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.124 min
Lab File: VD070643.D
Acq: 08 Oct 2021 17:16

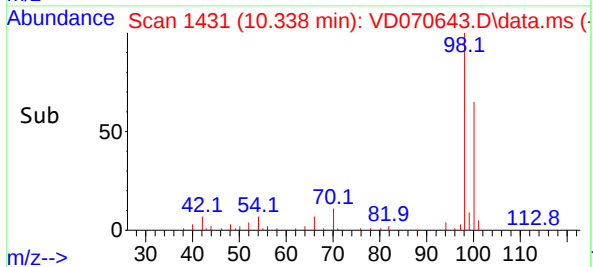
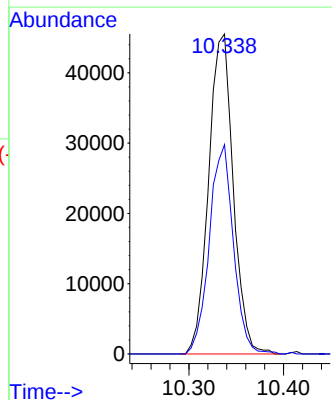
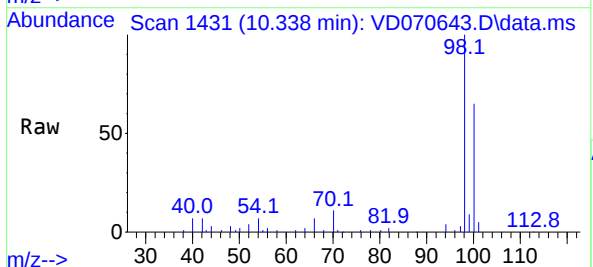
Instrument :
MSVOA_D
ClientSampleId :

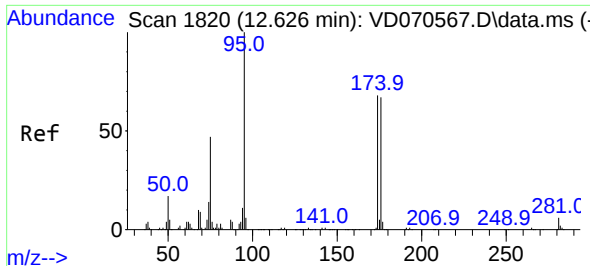
Tgt Ion:117 Resp: 4549
Ion Ratio Lower Upper
117 100
119 0.0 77.4 116.0#
121 0.0 25.4 38.0#



#50
Toluene-d8
Concen: 50.928 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD070643.D
Acq: 08 Oct 2021 17:16

Tgt Ion: 98 Resp: 82031
Ion Ratio Lower Upper
98 100
100 64.1 52.2 78.4

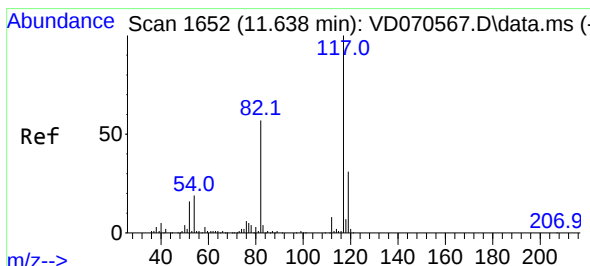
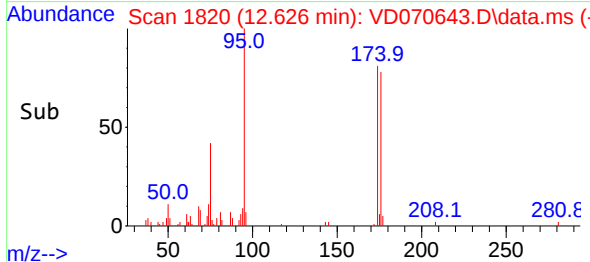
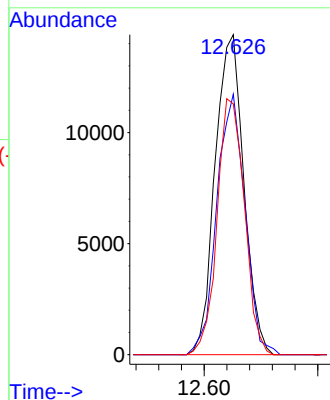
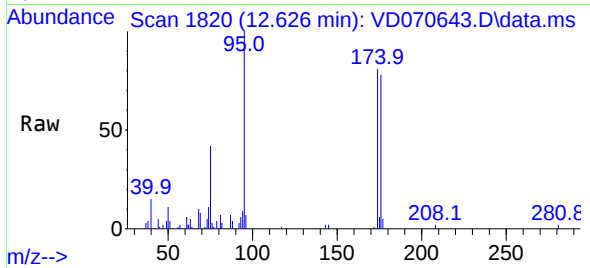




#62
4-Bromofluorobenzene
Concen: 46.855 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070643.D
Acq: 08 Oct 2021 17:16

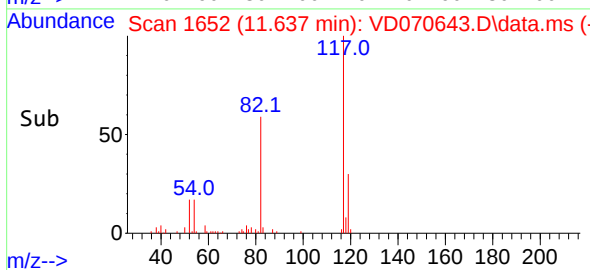
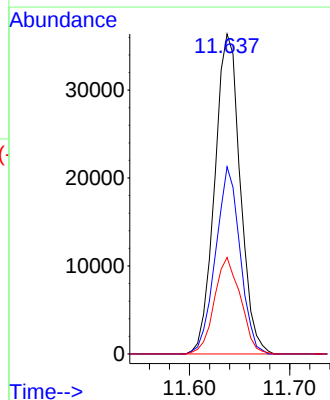
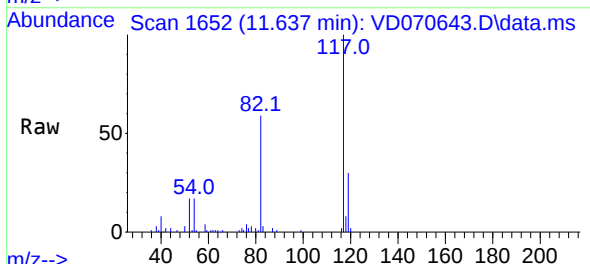
Instrument :
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ClientSampleId :

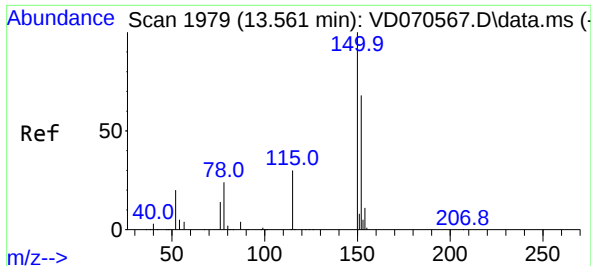
Tgt Ion:	95	Resp:	25224
Ion	Ratio	Lower	Upper
95	100		
174	80.4	0.0	138.0
176	76.0	0.0	135.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070643.D
Acq: 08 Oct 2021 17:16

Tgt Ion:	117	Resp:	64138
Ion	Ratio	Lower	Upper
117	100		
82	58.5	45.4	68.2
119	30.2	24.7	37.1

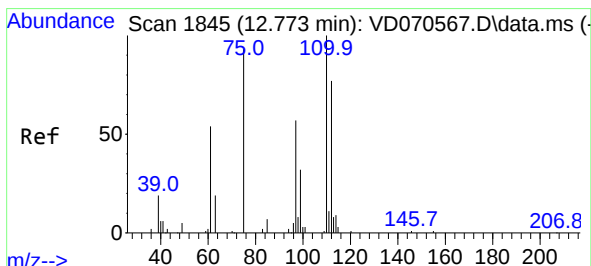
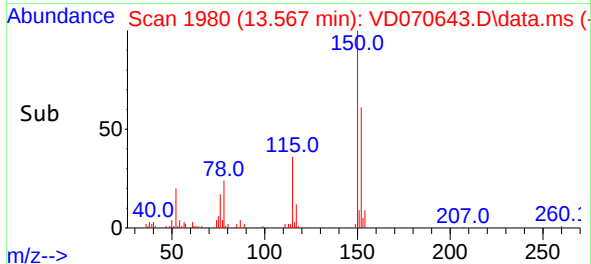
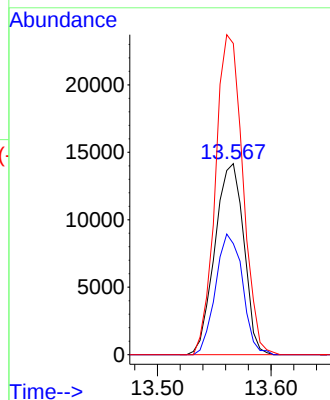
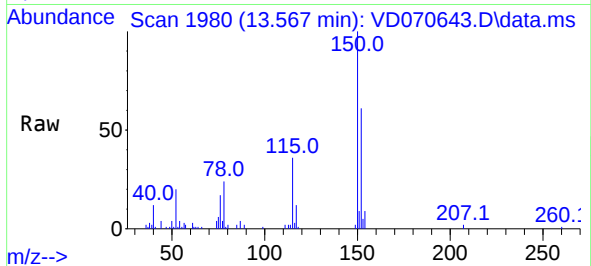




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.006 min
Lab File: VD070643.D
Acq: 08 Oct 2021 17:16

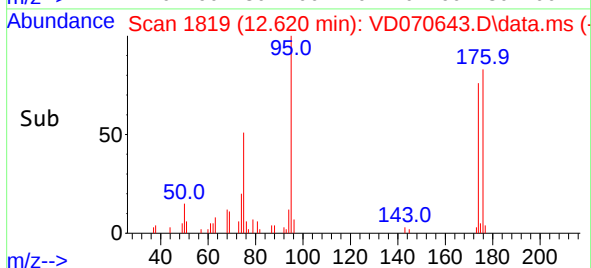
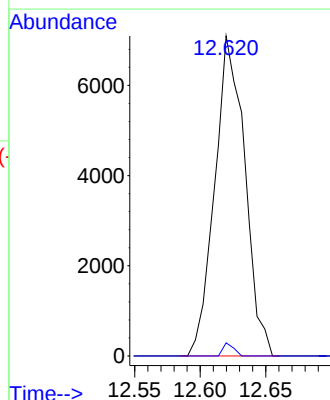
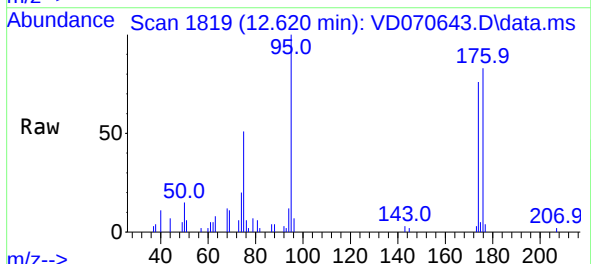
Instrument :
MSVOA_D
ClientSampled :

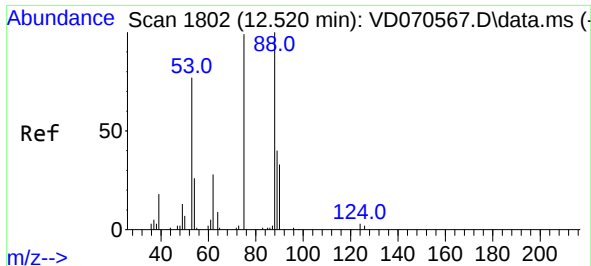
Tgt Ion:152 Resp: 25067
Ion Ratio Lower Upper
152 100
115 59.1 31.9 95.7
150 158.7 0.0 350.0



#76
1,2,3-Trichloropropane
Concen: 49.849 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.153 min
Lab File: VD070643.D
Acq: 08 Oct 2021 17:16

Tgt Ion: 75 Resp: 11310
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#

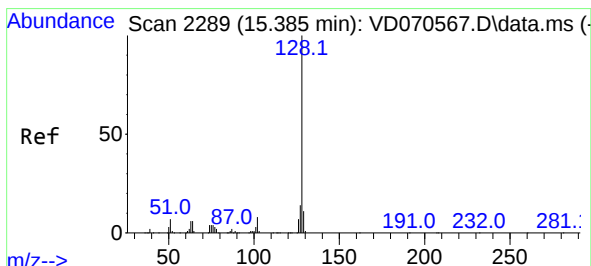
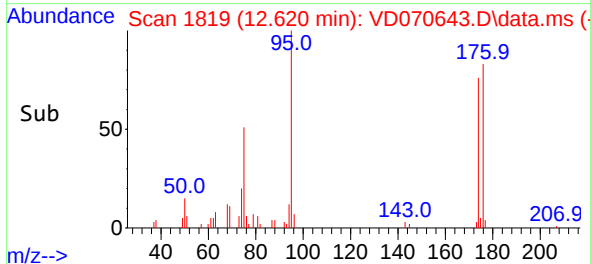
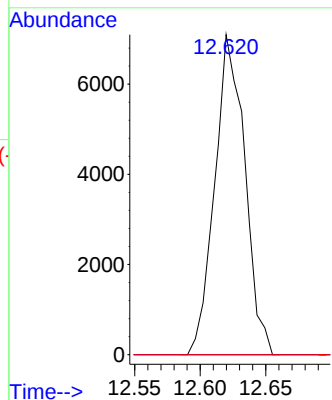
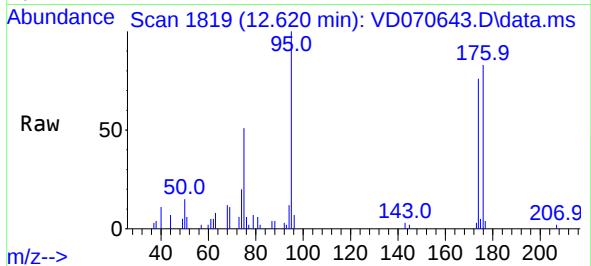




#81
trans-1,4-Dichloro-2-butene
Concen: 110.674 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.100 min
Lab File: VD070643.D
Acq: 08 Oct 2021 17:16

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 11310
Ion Ratio Lower Upper
75 100
53 0.0 64.5 96.7#
89 0.0 35.3 52.9#



#95
Naphthalene
Concen: 2.943 ug/l
RT: 15.378 min Scan# 2288
Delta R.T. -0.007 min
Lab File: VD070643.D
Acq: 08 Oct 2021 17:16

Tgt Ion: 128 Resp: 379
Ion Ratio Lower Upper
128 100
127 0.0 10.9 16.3#
129 0.0 8.6 12.8#

