

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD093021\
 Data File : VD070536.D
 Acq On : 30 Sep 2021 12:22
 Operator : VA/SY
 Sample : M3975-09
 Misc : 14.67G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S-834-K2-SO-12-14-092821

Quant Time: Oct 01 02:03:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 09 03:07:09 2021
 Response via : Initial Calibration

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

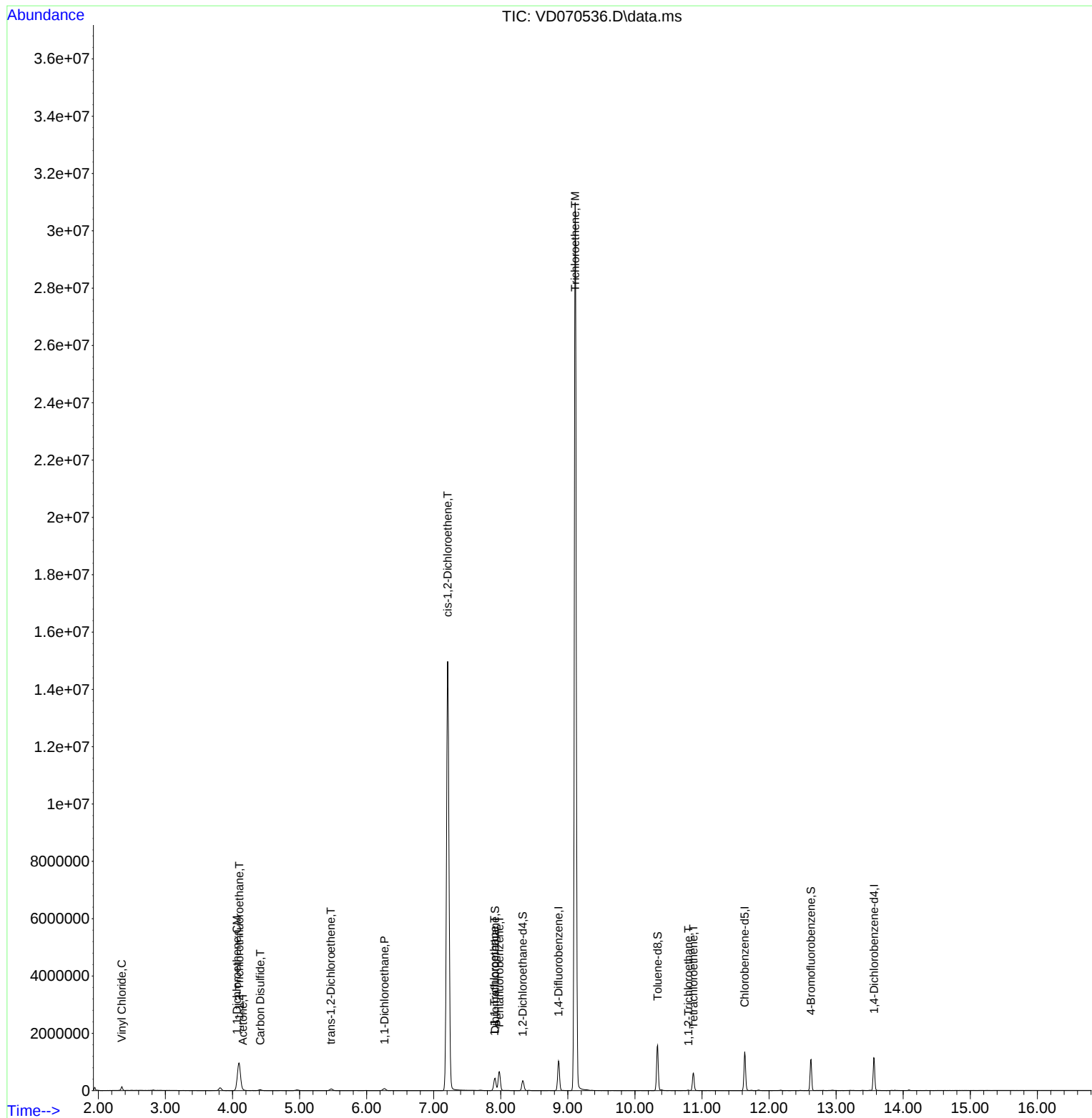
Internal Standards						
1) Pentafluorobenzene	7.979	168	465735	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	890568	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	789132	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	308140	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	275305	46.037	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	92.080%		
35) Dibromofluoromethane	7.914	113	289912	45.733	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	91.460%		
50) Toluene-d8	10.338	98	1120258	48.673	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	97.340%		
62) 4-Bromofluorobenzene	12.626	95	343458	42.698	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	85.400%		
Target Compounds						Qvalue
4) Vinyl Chloride	2.350	62	116668	15.921	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.103	101	676152	112.310	ug/l	98
12) 1,1-Dichloroethene	4.067	96	56107	10.348	ug/l	93
16) Acetone	4.156	43	32277	30.231	ug/l	95
17) Carbon Disulfide	4.414	76	68279	3.413	ug/l	95
21) trans-1,2-Dichloroethene	5.467	96	38866	6.022	ug/l	90
24) 1,1-Dichloroethane	6.267	63	102827	8.522	ug/l	99
27) cis-1,2-Dichloroethene	7.208	96	9546226	1376.831	ug/l	91
32) 1,1,1-Trichloroethane	7.902	97	42560	4.088	ug/l	98
44) Trichloroethene	9.108	130	11085653	1662.798	ug/l	87
55) 1,1,2-Trichloroethane	10.796	97	5989	1.155	ug/l #	89
64) Tetrachloroethene	10.873	164	142075	29.571	ug/l	96

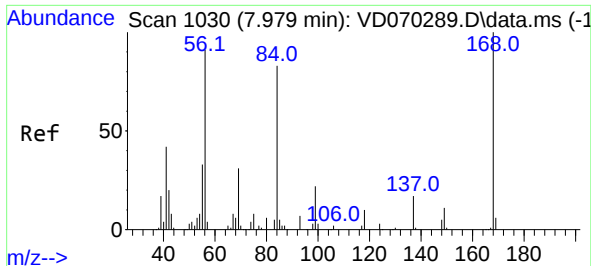
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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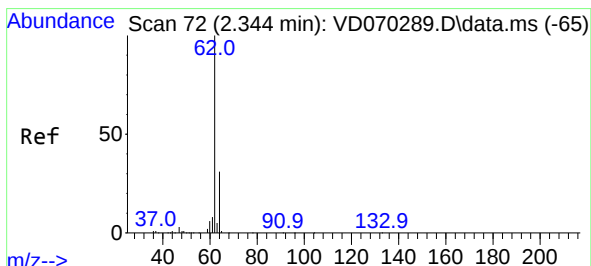
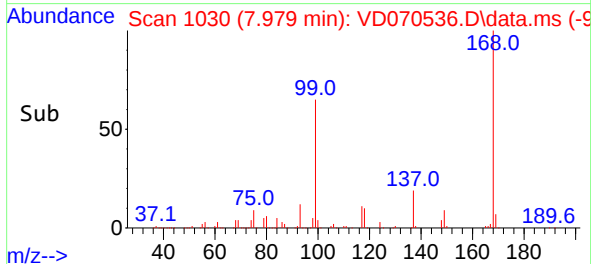
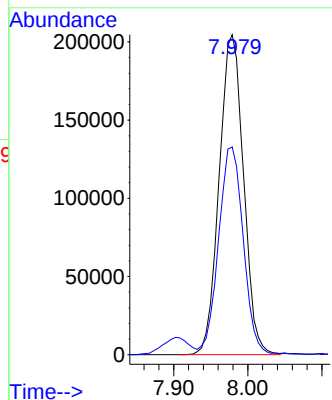
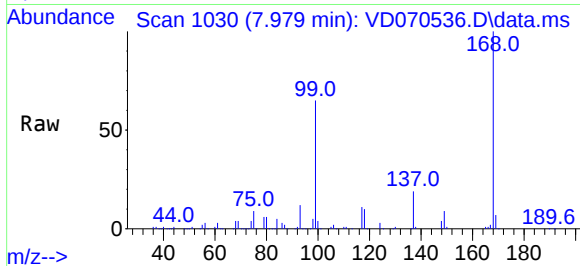




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD070536.D
Acq: 30 Sep 2021 12:22

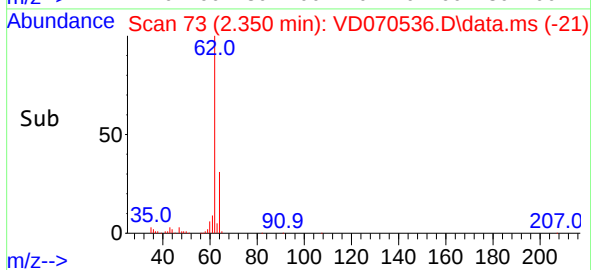
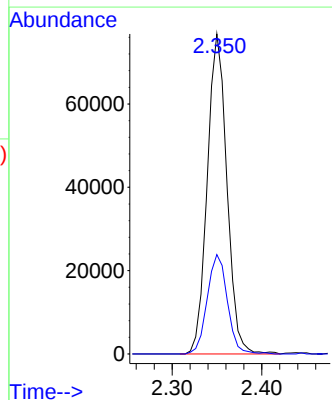
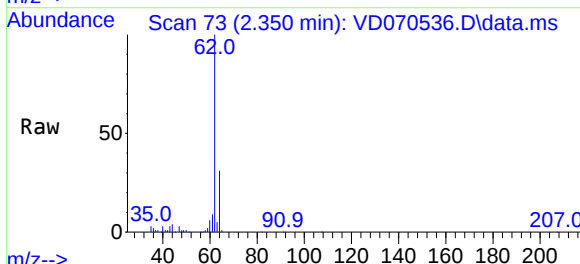
Instrument :
MSVOA_D
ClientSampleId :
S-834-K2-SO-12-14-092821

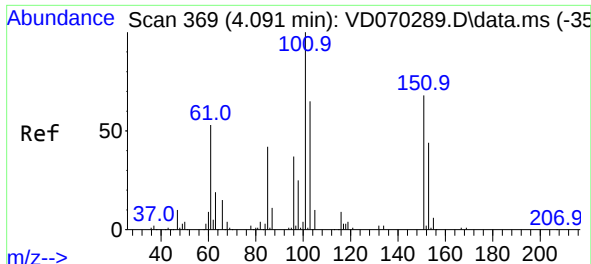
Tgt Ion:168 Resp: 465735
Ion Ratio Lower Upper
168 100
99 64.6 50.8 76.2



#4
Vinyl Chloride
Concen: 15.921 ug/l
RT: 2.350 min Scan# 73
Delta R.T. 0.006 min
Lab File: VD070536.D
Acq: 30 Sep 2021 12:22

Tgt Ion: 62 Resp: 116668
Ion Ratio Lower Upper
62 100
64 31.0 24.6 36.8



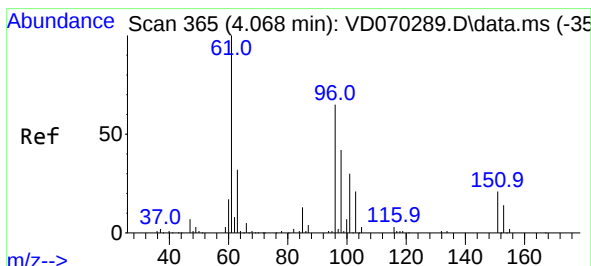
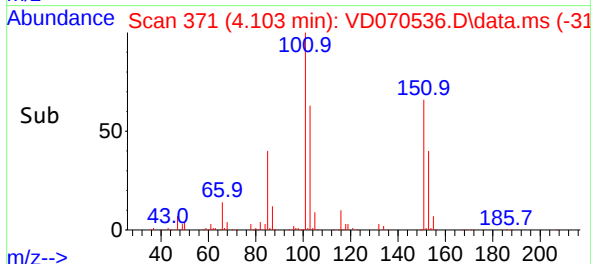
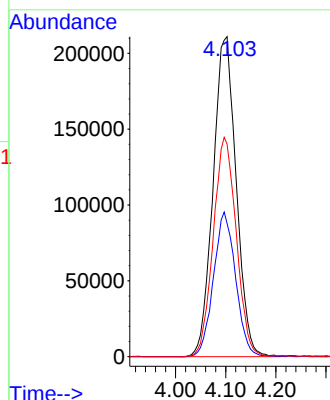
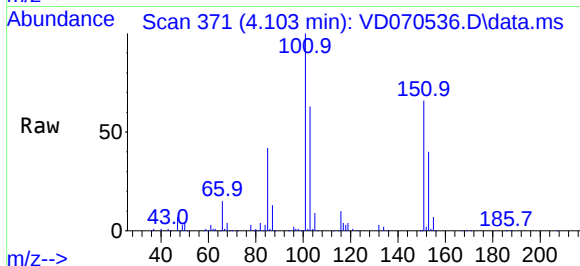


#9
1,1,2-Trichlorotrifluoroethane
Concen: 112.310 ug/l
RT: 4.103 min Scan# 371
Delta R.T. 0.012 min
Lab File: VD070536.D
Acq: 30 Sep 2021 12:22

Instrument :
MSVOA_D
ClientSampleId :
S-834-K2-SO-12-14-092821

Tgt Ion:101 Resp: 676152

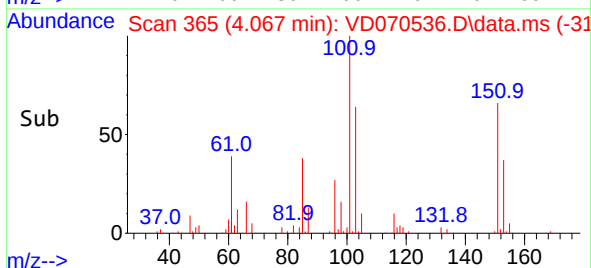
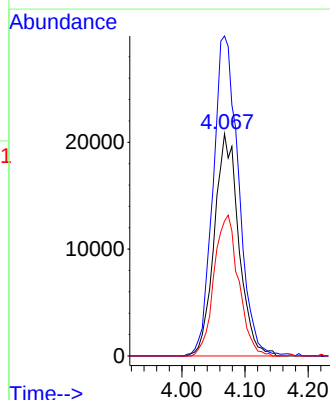
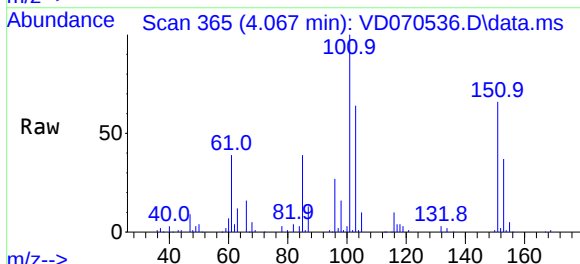
Ion	Ratio	Lower	Upper
101	100		
85	43.3	33.8	50.8
151	68.3	55.8	83.6

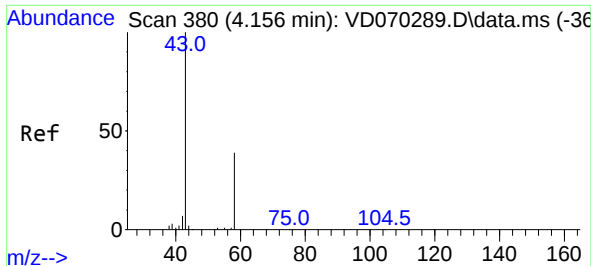


#12
1,1-Dichloroethene
Concen: 10.348 ug/l
RT: 4.067 min Scan# 365
Delta R.T. -0.000 min
Lab File: VD070536.D
Acq: 30 Sep 2021 12:22

Tgt Ion: 96 Resp: 56107

Ion	Ratio	Lower	Upper
96	100		
61	144.1	123.2	184.8
98	60.7	51.9	77.9

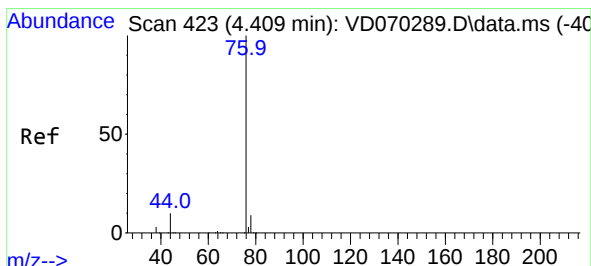
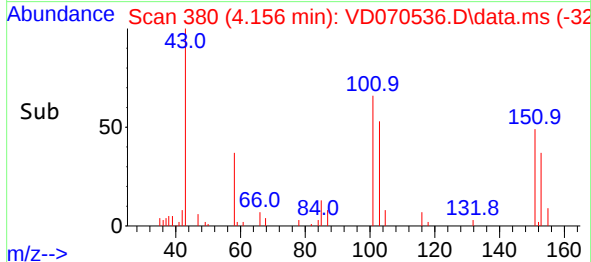
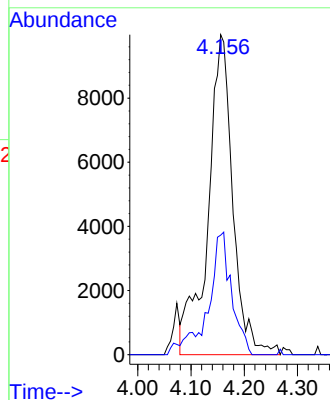
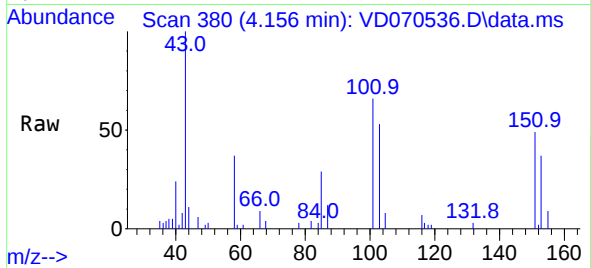




#16
Acetone
Concen: 30.231 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD070536.D
Acq: 30 Sep 2021 12:22

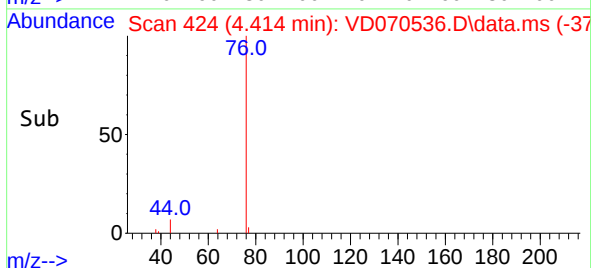
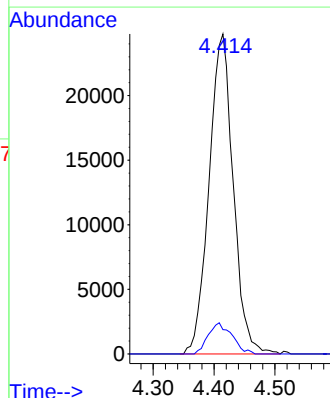
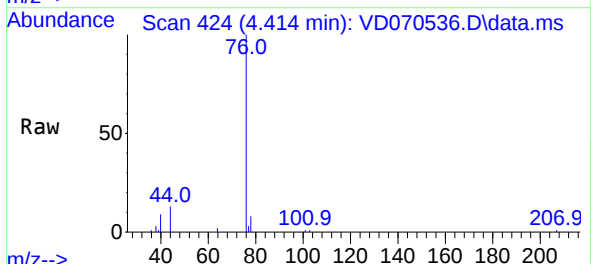
Instrument :
MSVOA_D
ClientSampleId :
S-834-K2-SO-12-14-092821

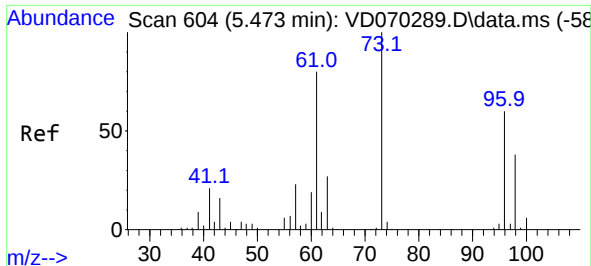
Tgt Ion: 43 Resp: 32277
Ion Ratio Lower Upper
43 100
58 35.6 30.9 46.3



#17
Carbon Disulfide
Concen: 3.413 ug/l
RT: 4.414 min Scan# 424
Delta R.T. 0.006 min
Lab File: VD070536.D
Acq: 30 Sep 2021 12:22

Tgt Ion: 76 Resp: 68279
Ion Ratio Lower Upper
76 100
78 7.6 7.5 11.3

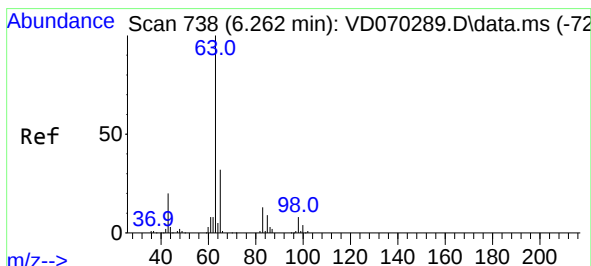
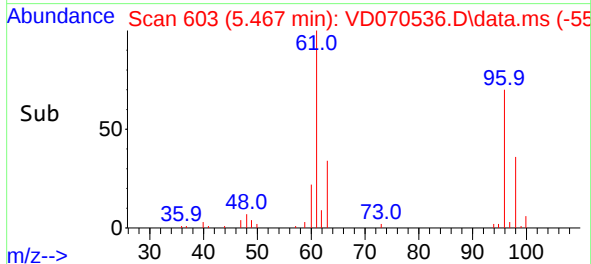
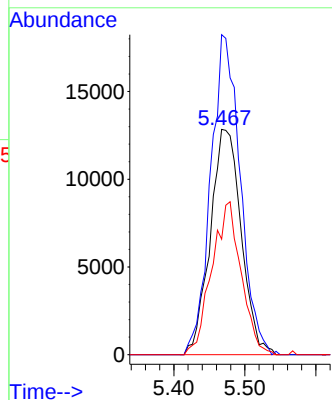
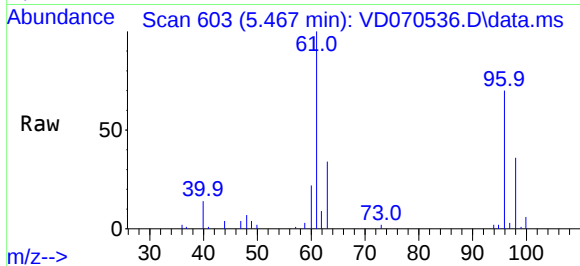




#21
trans-1,2-Dichloroethene
Concen: 6.022 ug/l
RT: 5.467 min Scan# 603
Delta R.T. -0.006 min
Lab File: VD070536.D
Acq: 30 Sep 2021 12:22

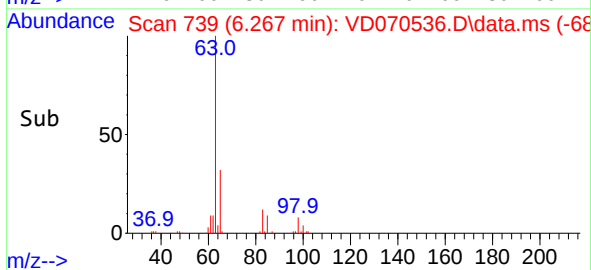
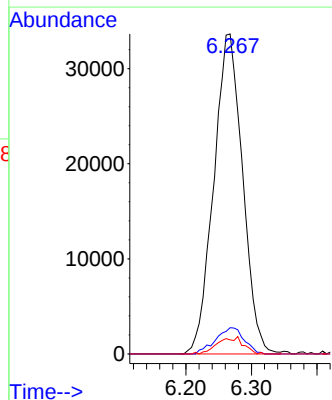
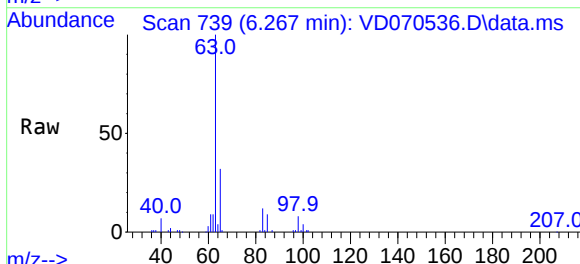
Instrument :
MSVOA_D
ClientSampleId :
S-834-K2-SO-12-14-092821

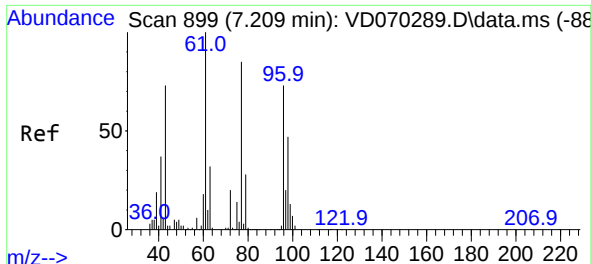
Tgt Ion: 96 Resp: 38866
Ion Ratio Lower Upper
96 100
61 142.1 106.0 159.0
98 51.3 50.5 75.7



#24
1,1-Dichloroethane
Concen: 8.522 ug/l
RT: 6.267 min Scan# 739
Delta R.T. 0.006 min
Lab File: VD070536.D
Acq: 30 Sep 2021 12:22

Tgt Ion: 63 Resp: 102827
Ion Ratio Lower Upper
63 100
98 8.2 4.2 12.4
100 4.4 2.0 5.8



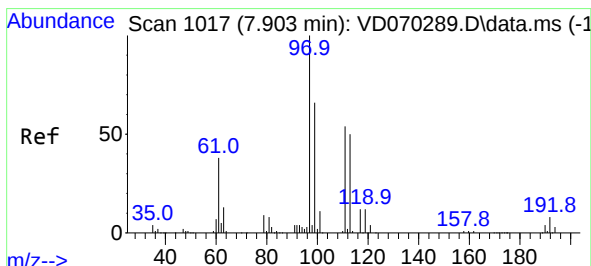
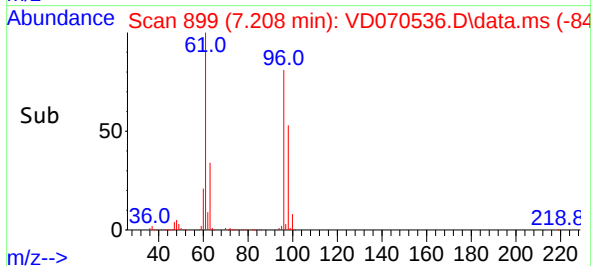
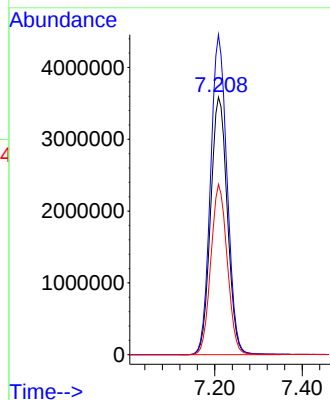
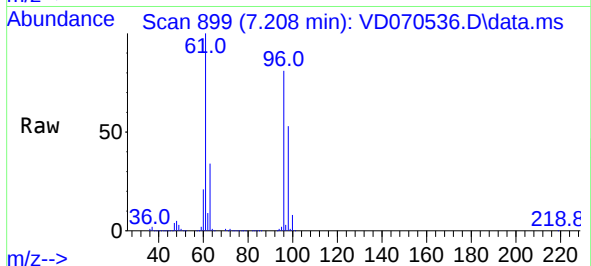


#27

cis-1,2-Dichloroethene
Concen: 1376.831 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.000 min
Lab File: VD070536.D
Acq: 30 Sep 2021 12:22

Instrument :
MSVOA_D
ClientSampleId :
S-834-K2-SO-12-14-092821

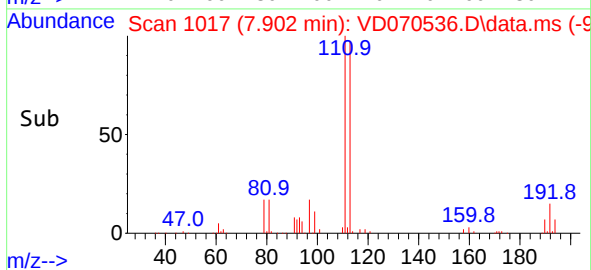
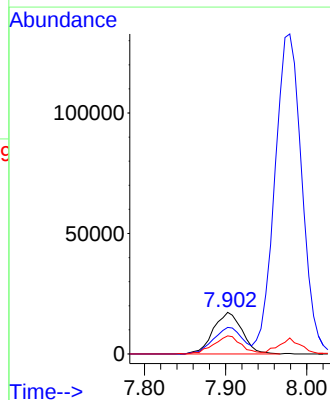
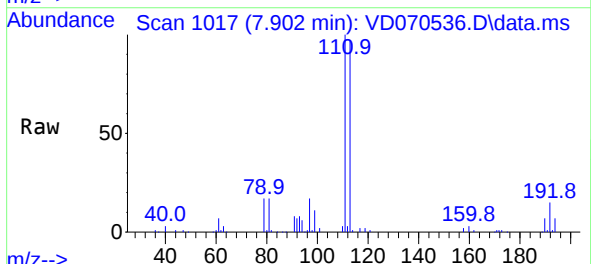
Tgt Ion: 96 Resp: 9546226
Ion Ratio Lower Upper
96 100
61 122.5 0.0 277.4
98 64.7 0.0 130.0

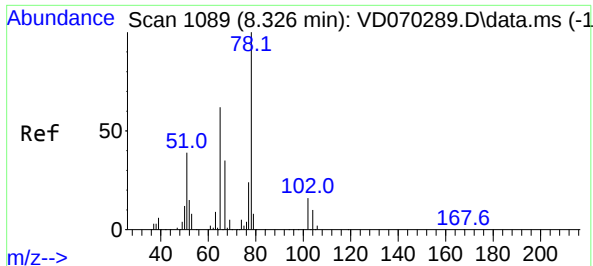


#32

1,1,1-Trichloroethane
Concen: 4.088 ug/l
RT: 7.902 min Scan# 1017
Delta R.T. -0.000 min
Lab File: VD070536.D
Acq: 30 Sep 2021 12:22

Tgt Ion: 97 Resp: 42560
Ion Ratio Lower Upper
97 100
99 64.5 51.1 76.7
61 41.8 31.4 47.0

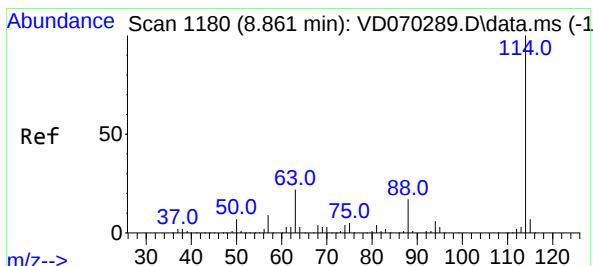
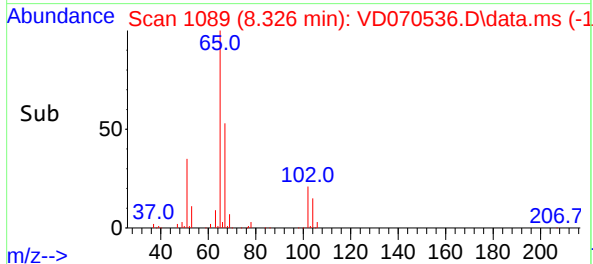
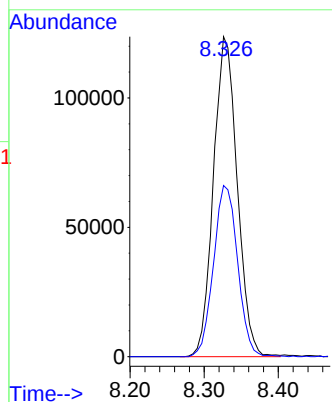
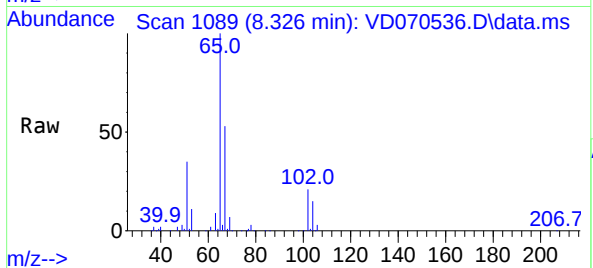




#33
1,2-Dichloroethane-d4
Concen: 46.037 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070536.D
Acq: 30 Sep 2021 12:22

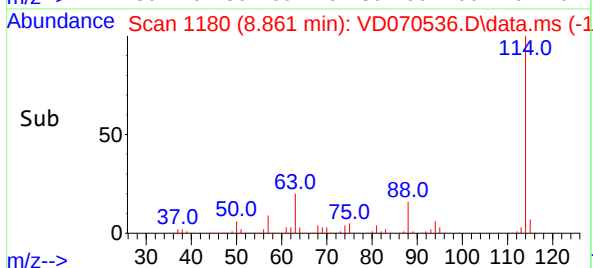
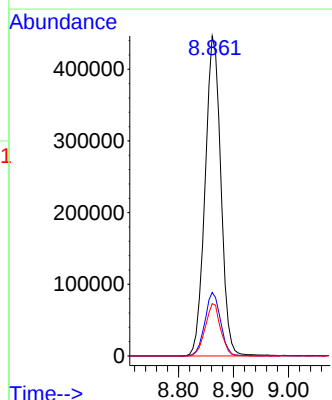
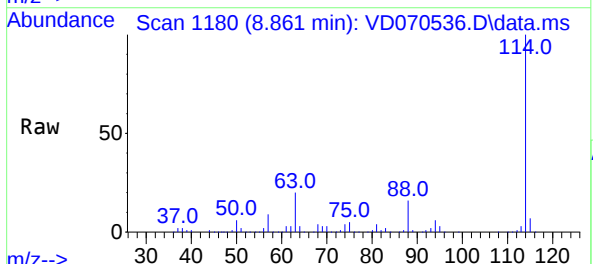
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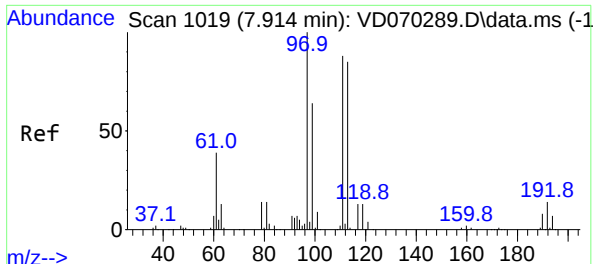
Tgt Ion: 65 Resp: 275305
Ion Ratio Lower Upper
65 100
67 54.3 0.0 111.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070536.D
Acq: 30 Sep 2021 12:22

Tgt Ion: 114 Resp: 890568
Ion Ratio Lower Upper
114 100
63 19.8 0.0 43.4
88 16.4 0.0 33.4

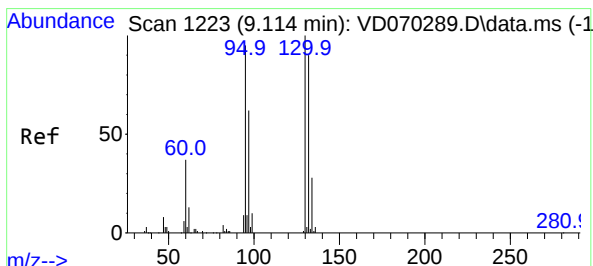
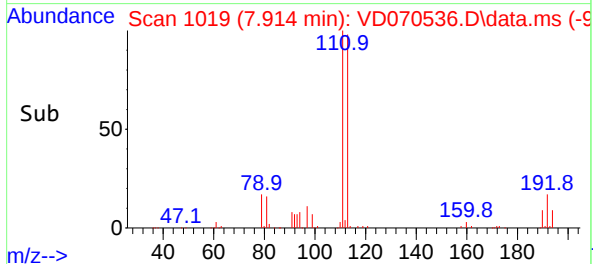
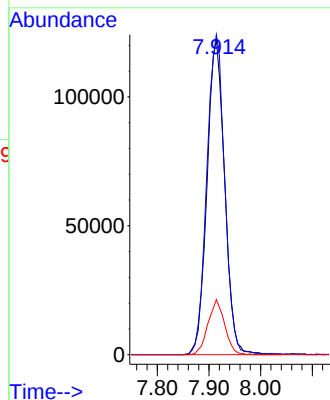
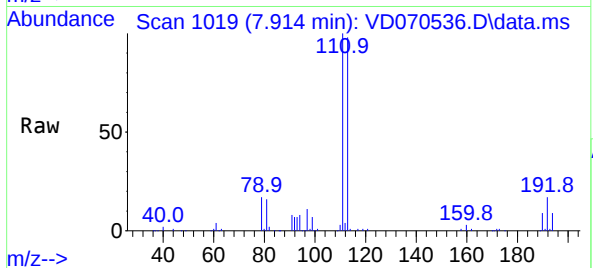




#35
Dibromofluoromethane
Concen: 45.733 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070536.D
Acq: 30 Sep 2021 12:22

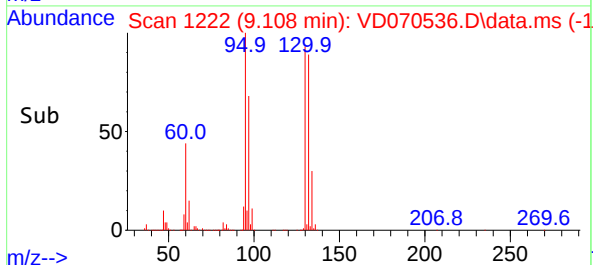
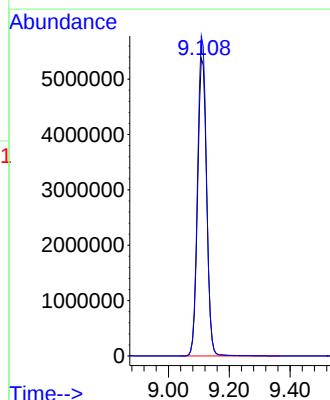
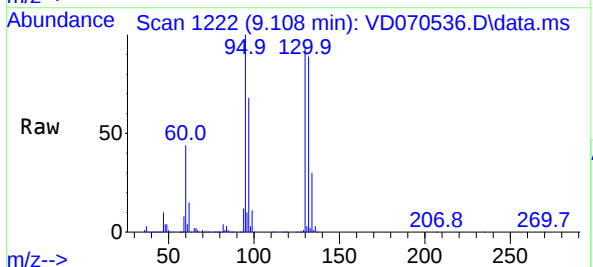
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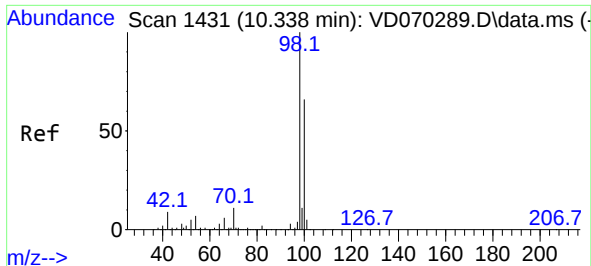
Tgt Ion:113 Resp: 289912
Ion Ratio Lower Upper
113 100
111 103.1 81.4 122.2
192 16.5 13.0 19.6



#44
Trichloroethene
Concen: 1662.798 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. -0.006 min
Lab File: VD070536.D
Acq: 30 Sep 2021 12:22

Tgt Ion:130 Resp:11085653
Ion Ratio Lower Upper
130 100
95 107.5 0.0 190.0

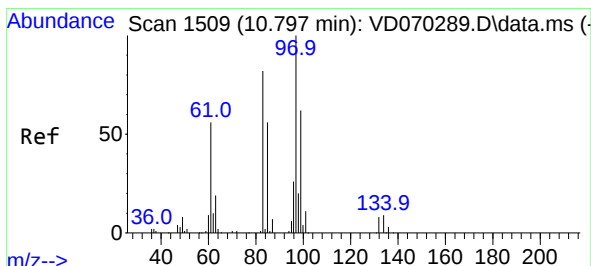
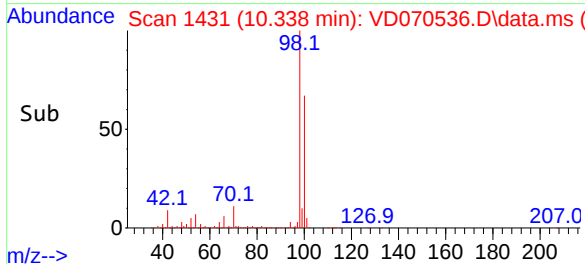
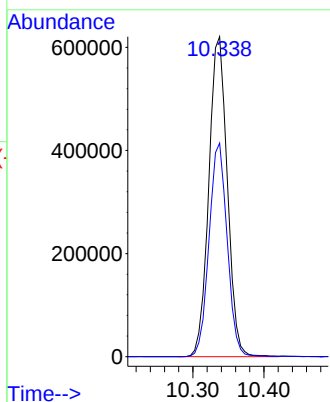
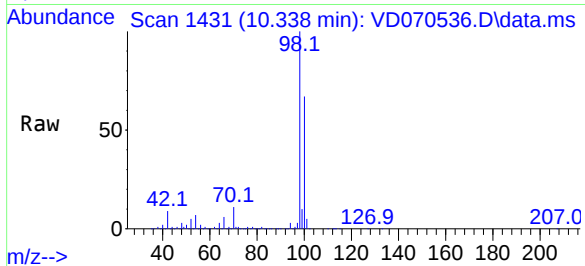




#50
Toluene-d8
Concen: 48.673 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD070536.D
Acq: 30 Sep 2021 12:22

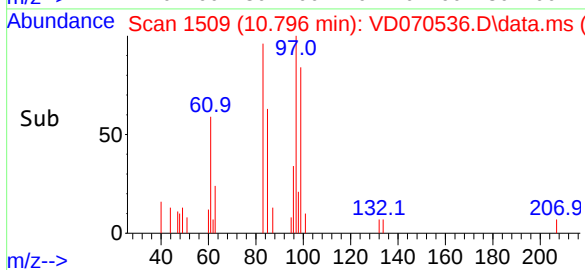
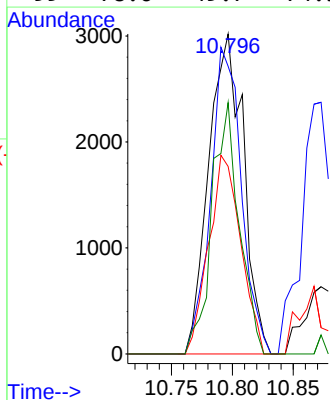
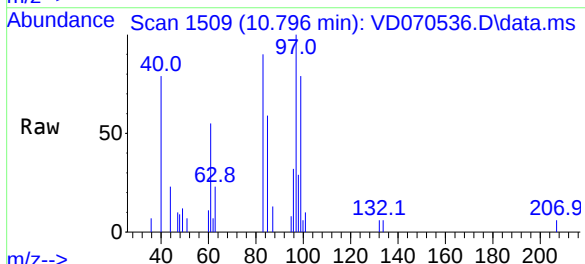
Instrument :
MSVOA_D
ClientSampleId :
S-834-K2-SO-12-14-092821

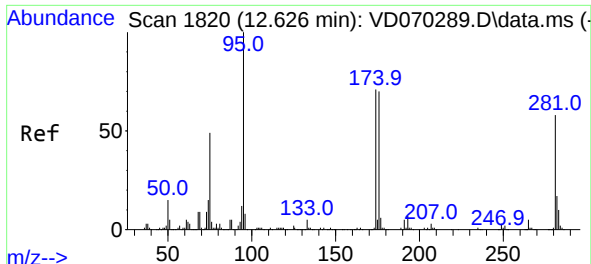
Tgt Ion: 98 Resp: 1120258
Ion Ratio Lower Upper
98 100
100 65.5 52.0 78.0



#55
1,1,2-Trichloroethane
Concen: 1.155 ug/l
RT: 10.796 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VD070536.D
Acq: 30 Sep 2021 12:22

Tgt Ion: 97 Resp: 5989
Ion Ratio Lower Upper
97 100
83 89.9 65.3 97.9
85 58.6 44.8 67.2
99 78.6 49.7 74.5#

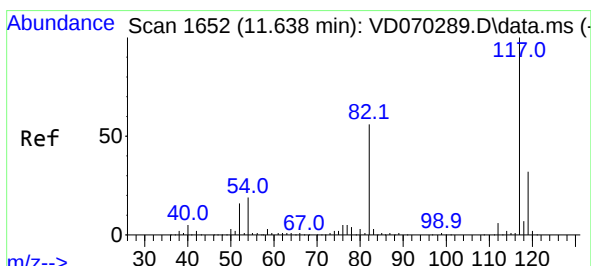
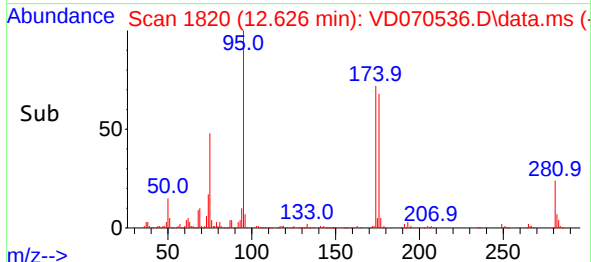
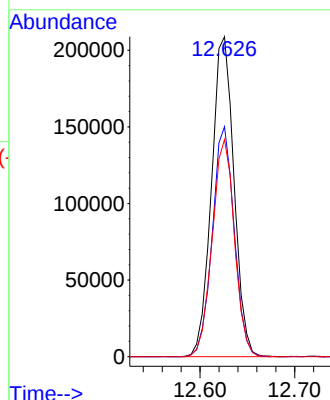
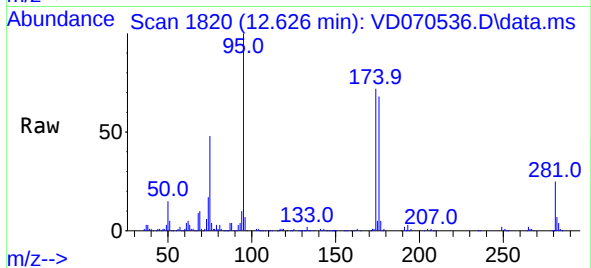




#62
4-Bromofluorobenzene
Concen: 42.698 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070536.D
Acq: 30 Sep 2021 12:22

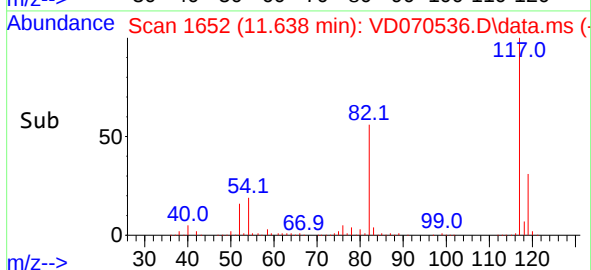
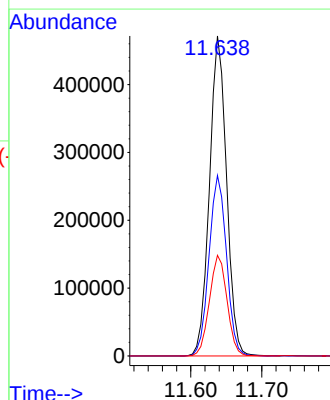
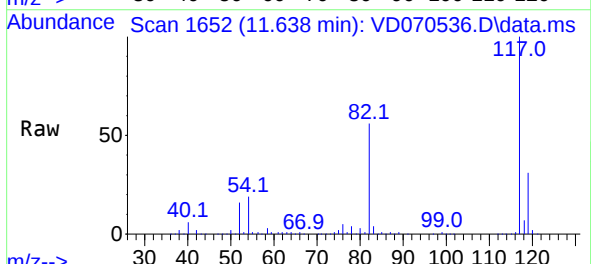
Instrument :
MSVOA_D
ClientSampleId :
S-834-K2-SO-12-14-092821

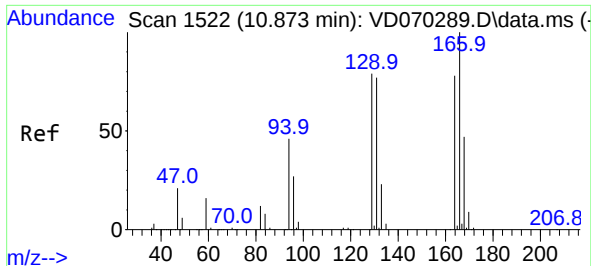
Tgt Ion: 95 Resp: 343458
Ion Ratio Lower Upper
95 100
174 70.1 0.0 140.6
176 67.3 0.0 137.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070536.D
Acq: 30 Sep 2021 12:22

Tgt Ion: 117 Resp: 789132
Ion Ratio Lower Upper
117 100
82 56.4 45.0 67.4
119 31.5 25.2 37.8



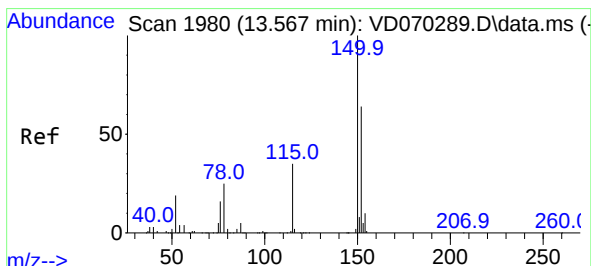
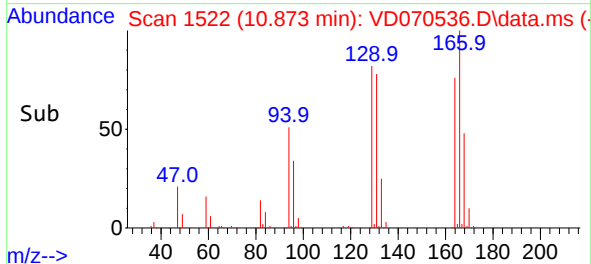
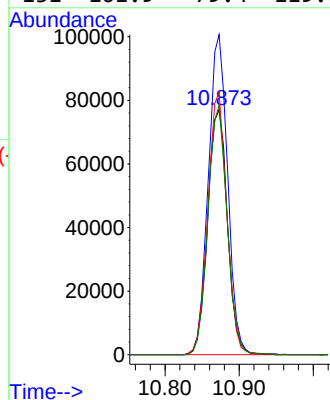
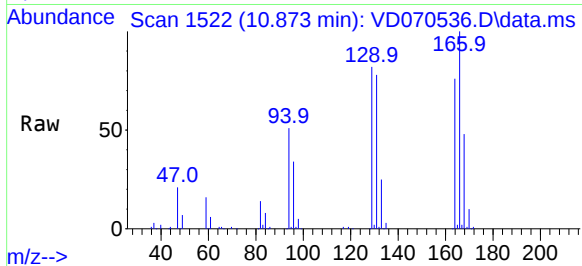


#64
Tetrachloroethene
Concen: 29.571 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. -0.000 min
Lab File: VD070536.D
Acq: 30 Sep 2021 12:22

Instrument :
MSVOA_D
ClientSampleId :
S-834-K2-SO-12-14-092821

Tgt Ion:164 Resp: 142075

Ion	Ratio	Lower	Upper
164	100		
166	130.8	102.4	153.6
129	107.5	80.9	121.3
131	101.9	79.4	119.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD070536.D
Acq: 30 Sep 2021 12:22

Tgt Ion:152 Resp: 308140

Ion	Ratio	Lower	Upper
152	100		
115	63.5	32.1	96.3
150	159.6	0.0	350.6

