

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101821\
 Data File : VD070735.D
 Acq On : 18 Oct 2021 17:40
 Operator : VA/SY
 Sample : M4256-02
 Misc : 5.03G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 454BASIN-20211014

Quant Time: Oct 19 06:41:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101521S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 18 08:32:03 2021
 Response via : Initial Calibration

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

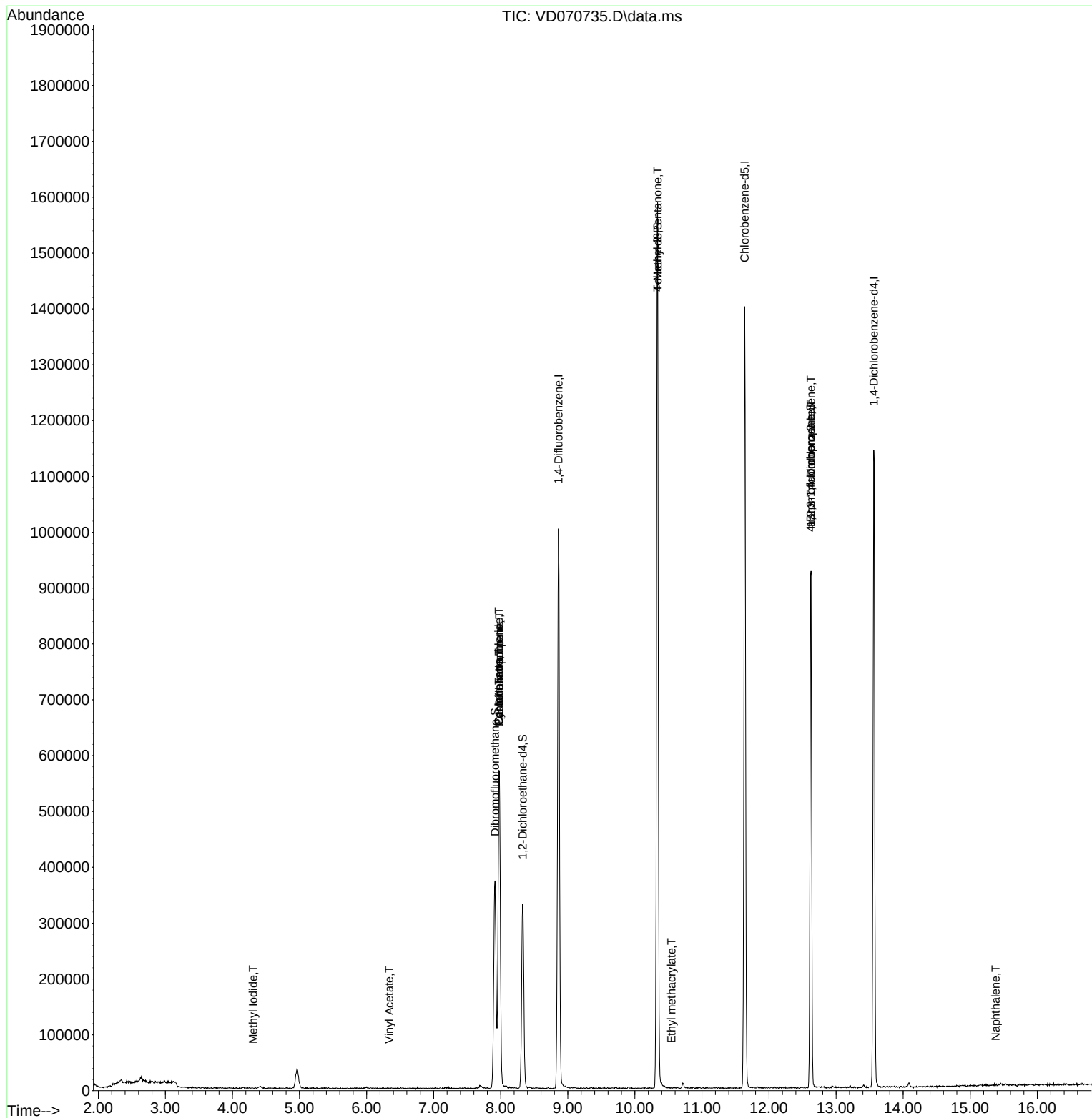
Internal Standards						
1) Pentafluorobenzene	7.979	168	408788	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	809920	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	753524	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	298359	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	269624	55.687	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.380%
35) Dibromofluoromethane	7.914	113	267375	51.557	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.120%
50) Toluene-d8	10.338	98	1060664	53.354	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.700%
62) 4-Bromofluorobenzene	12.620	95	309255	45.179	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	90.360%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.309	142	70	3.333	ug/l #	38
20) Methylene Chloride	4.967	84	26232	Below Cal		86
23) Vinyl Acetate	6.338	43	76	16.337	ug/l #	69
31) Cyclohexane	7.973	56	10388	1.060	ug/l #	1
36) 1,1-Dichloropropene	7.979	75	38290	4.244	ug/l #	51
38) Carbon Tetrachloride	7.973	117	43492	5.033	ug/l #	17
51) 4-Methyl-2-Pentanone	10.338	43	5367	1.428	ug/l #	1
56) Ethyl methacrylate	10.544	69	53	4.163	ug/l #	1
76) 1,2,3-Trichloropropane	12.626	75	155640	60.379	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	155640	132.250	ug/l #	17
95) Naphthalene	15.379	128	225	4.814	ug/l #	69

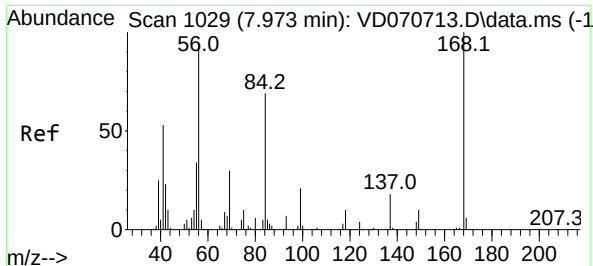
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101521S.M
Quant Title : SW846 8260
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Response via : Initial Calibration

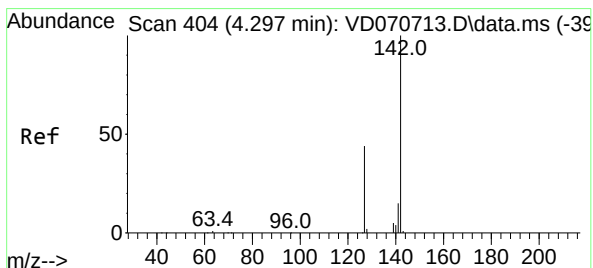
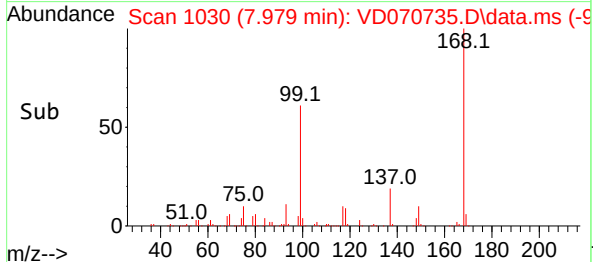
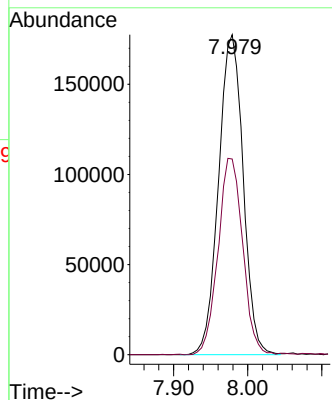
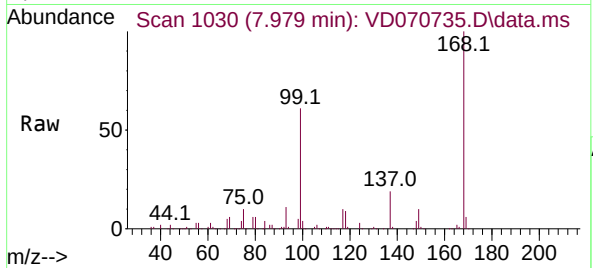




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.006 min
Lab File: VD070735.D
Acq: 18 Oct 2021 17:40

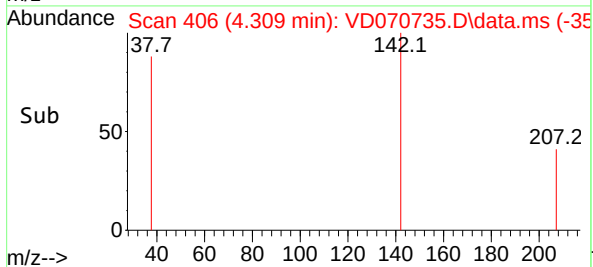
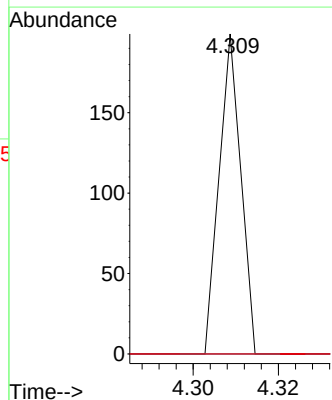
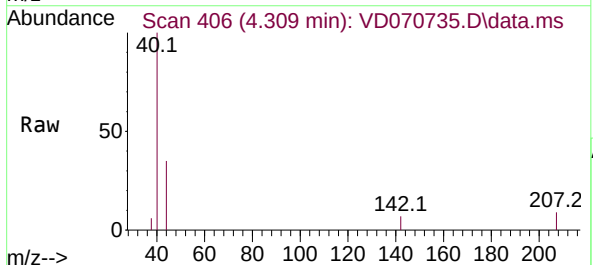
Instrument :
MSVOA_D
ClientSampleId :
454BASIN-20211014

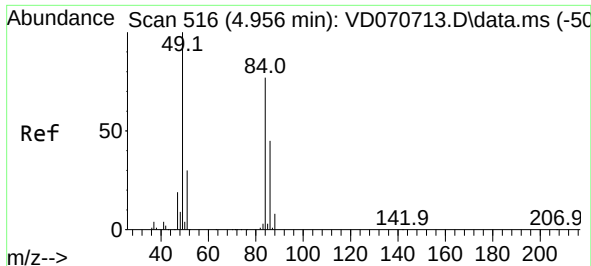
Tgt Ion:168 Resp: 408788
Ion Ratio Lower Upper
168 100
99 61.0 51.4 77.0



#10
Methyl Iodide
Concen: 3.333 ug/l
RT: 4.309 min Scan# 406
Delta R.T. 0.012 min
Lab File: VD070735.D
Acq: 18 Oct 2021 17:40

Tgt Ion:142 Resp: 70
Ion Ratio Lower Upper
142 100
127 0.0 37.5 56.3#
141 0.0 12.1 18.1#

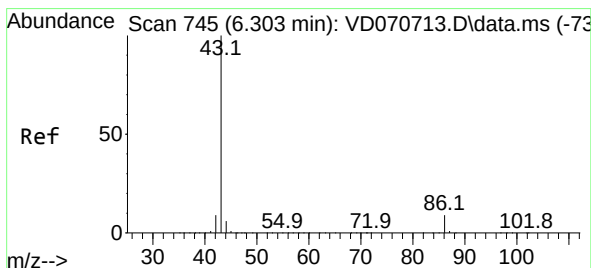
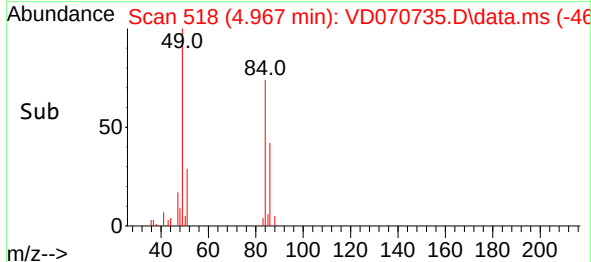
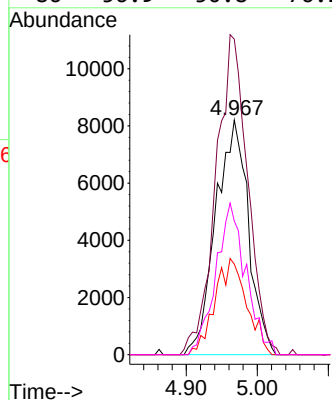
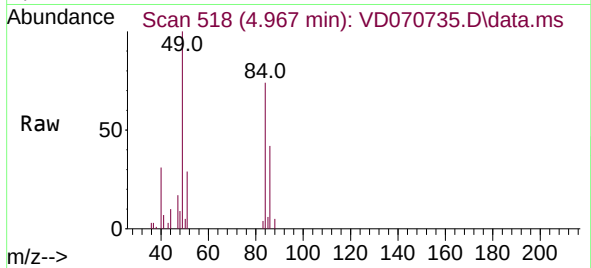




#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. 0.011 min
Lab File: VD070735.D
Acq: 18 Oct 2021 17:40

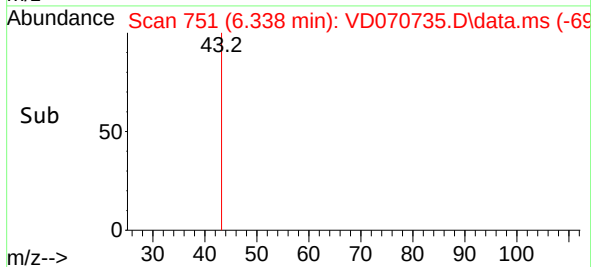
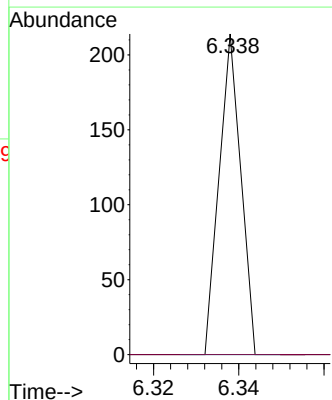
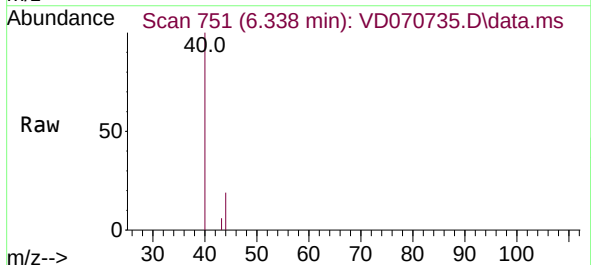
Instrument :
MSVOA_D
ClientSampleId :
454BASIN-20211014

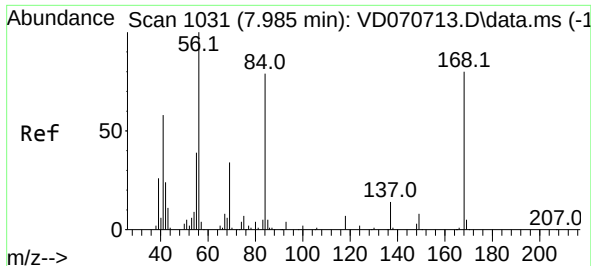
Tgt Ion:	84	Resp:	26232
Ion	Ratio	Lower	Upper
84	100		
49	134.4	91.4	137.2
51	38.6	26.7	40.1
86	56.9	50.8	76.2



#23
Vinyl Acetate
Concen: 16.337 ug/l
RT: 6.338 min Scan# 751
Delta R.T. 0.035 min
Lab File: VD070735.D
Acq: 18 Oct 2021 17:40

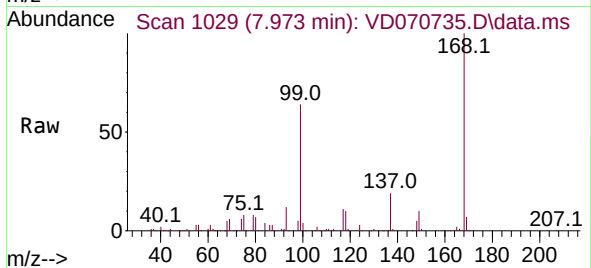
Tgt Ion:	43	Resp:	76
Ion	Ratio	Lower	Upper
43	100		
86	0.0	9.8	14.6#



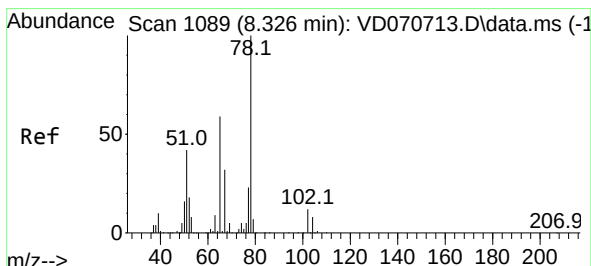
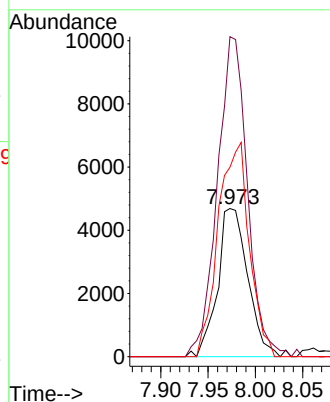
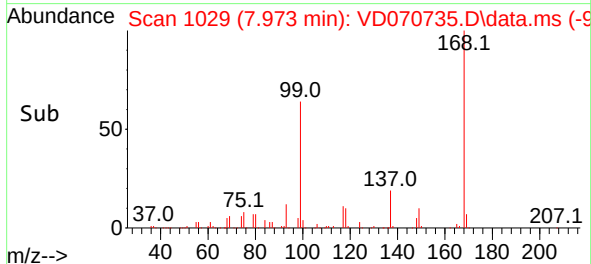


#31
Cyclohexane
Concen: 1.060 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD070735.D
Acq: 18 Oct 2021 17:40

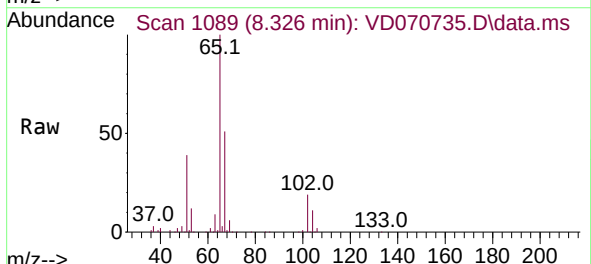
Instrument :
MSVOA_D
ClientSampleId :
454BASIN-20211014



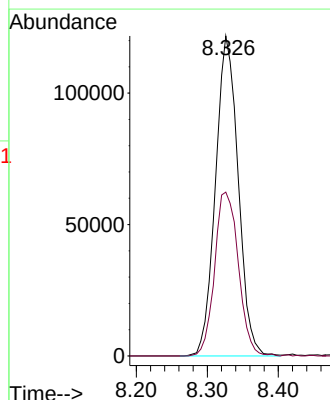
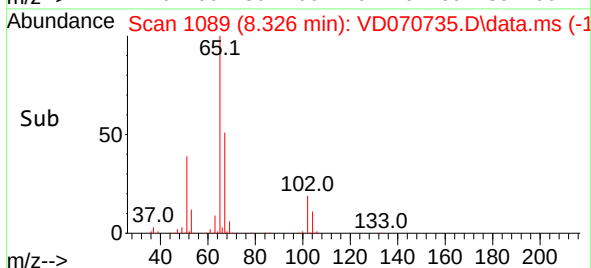
Tgt Ion: 56 Resp: 10388
Ion Ratio Lower Upper
56 100
69 216.1 27.4 41.2#
84 128.0 73.6 110.4#

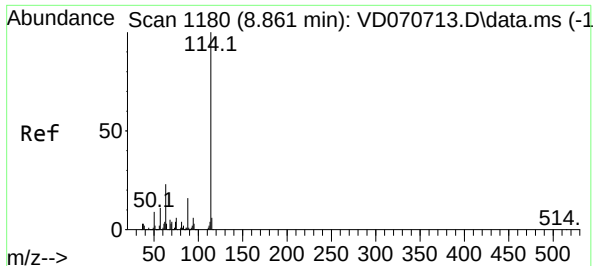


#33
1,2-Dichloroethane-d4
Concen: 55.687 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD070735.D
Acq: 18 Oct 2021 17:40



Tgt Ion: 65 Resp: 269624
Ion Ratio Lower Upper
65 100
67 53.6 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: VD070735.D

Acq: 18 Oct 2021 17:40

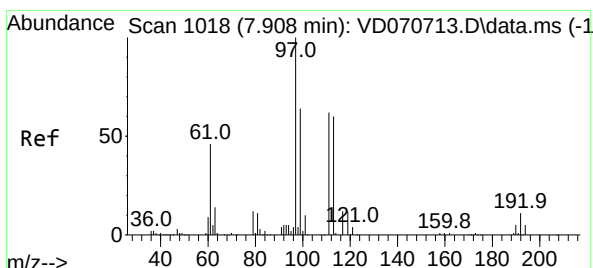
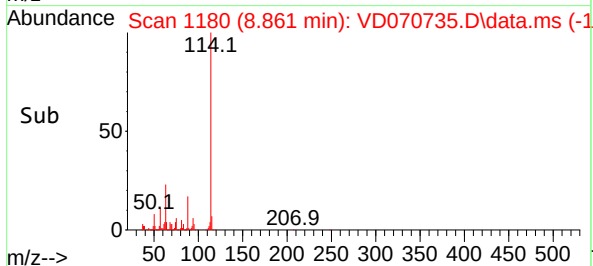
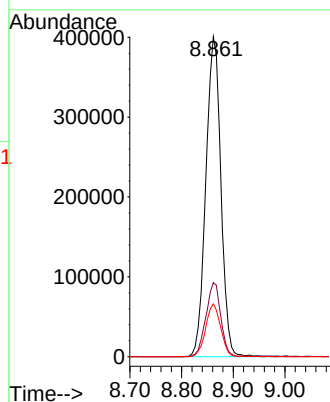
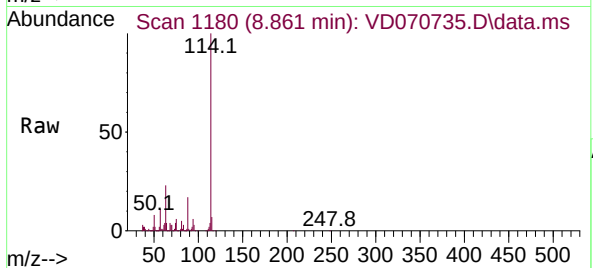
Tgt Ion:114 Resp: 809920

Ion Ratio Lower Upper

114 100

63 23.2 0.0 41.8

88 16.5 0.0 32.6



#35

Dibromofluoromethane

Concen: 51.557 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.006 min

Lab File: VD070735.D

Acq: 18 Oct 2021 17:40

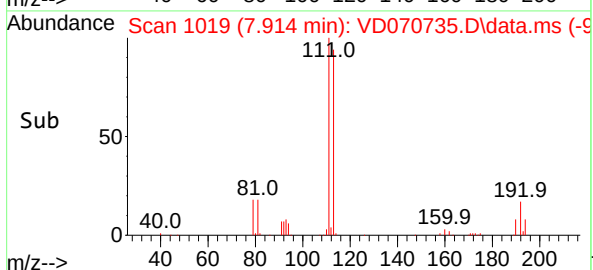
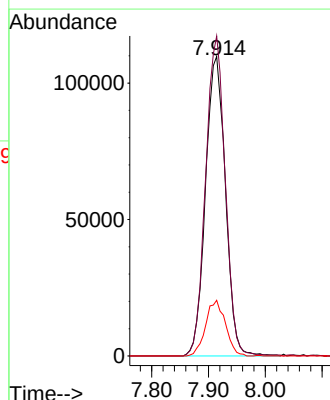
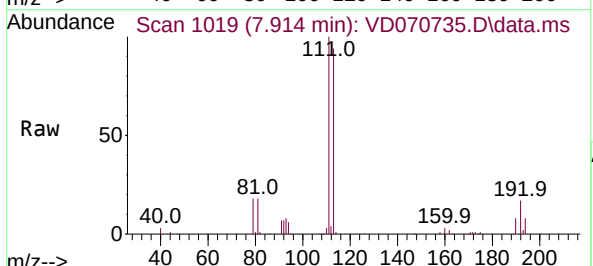
Tgt Ion:113 Resp: 267375

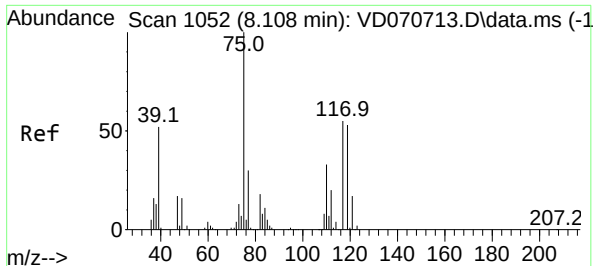
Ion Ratio Lower Upper

113 100

111 105.0 83.1 124.7

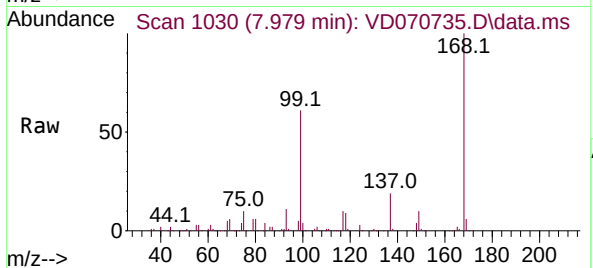
192 18.4 12.7 19.1



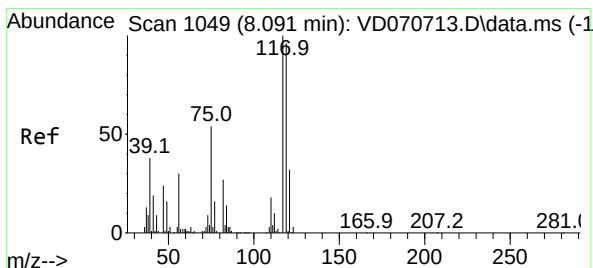
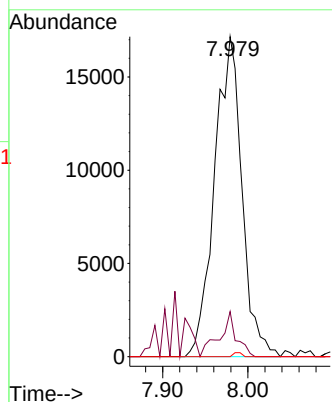
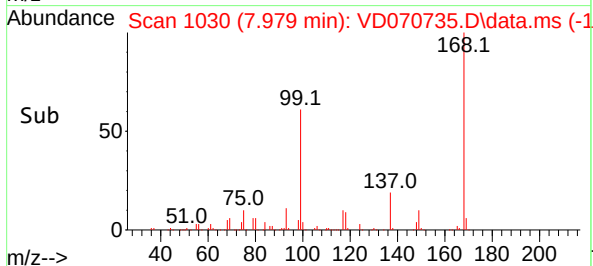


#36
1,1-Dichloropropene
Concen: 4.244 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.129 min
Lab File: VD070735.D
Acq: 18 Oct 2021 17:40

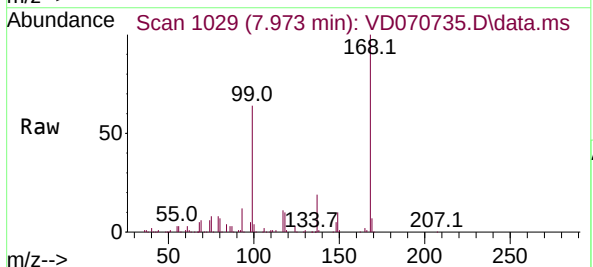
Instrument :
MSVOA_D
ClientSampleId :
454BASIN-20211014



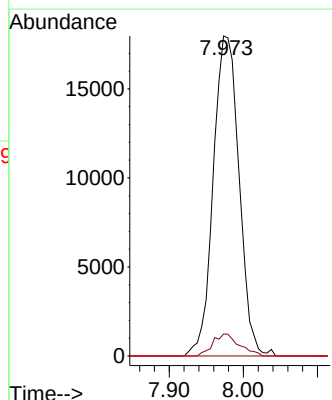
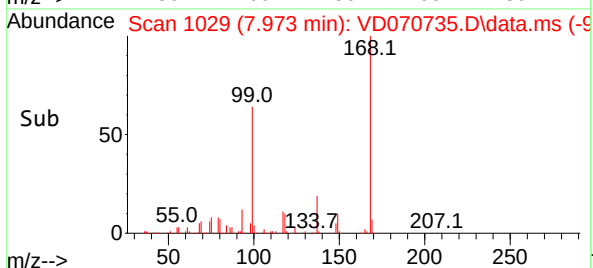
Tgt Ion: 75 Resp: 38290
Ion Ratio Lower Upper
75 100
110 8.8 17.2 51.6#
77 0.4 24.2 36.4#

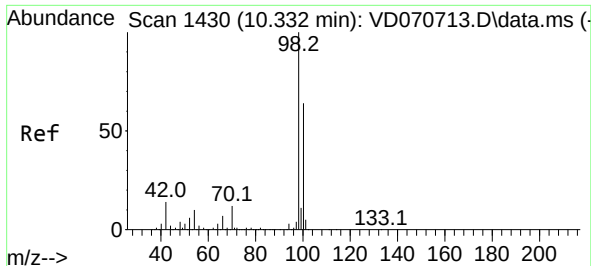


#38
Carbon Tetrachloride
Concen: 5.033 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.118 min
Lab File: VD070735.D
Acq: 18 Oct 2021 17:40



Tgt Ion: 117 Resp: 43492
Ion Ratio Lower Upper
117 100
119 6.9 77.4 116.0#
121 0.0 25.4 38.0#

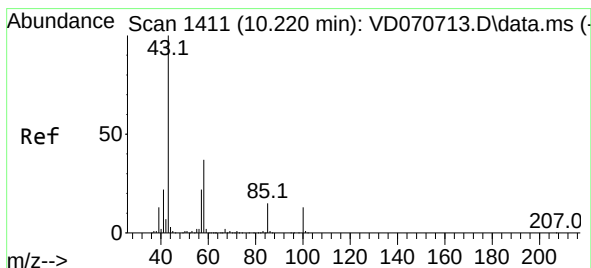
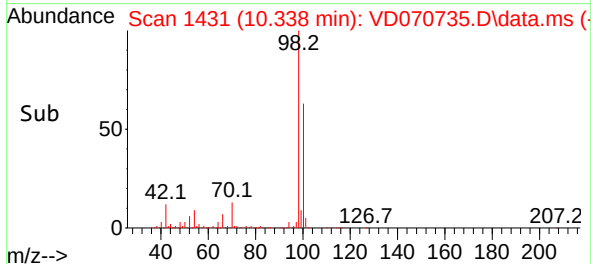
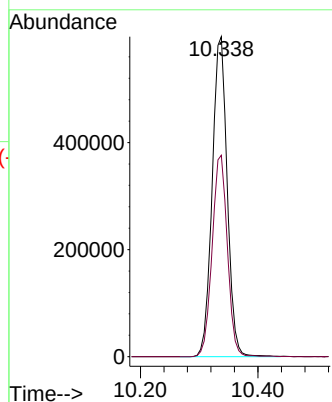
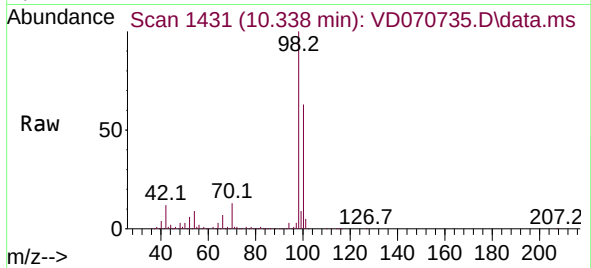




#50
Toluene-d8
Concen: 53.354 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070735.D
Acq: 18 Oct 2021 17:40

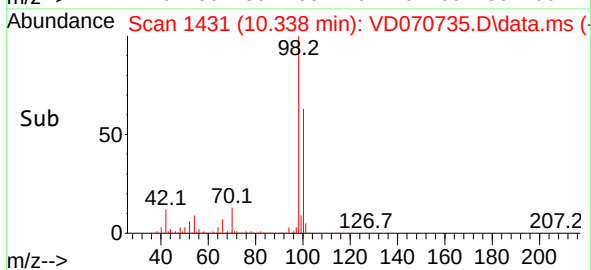
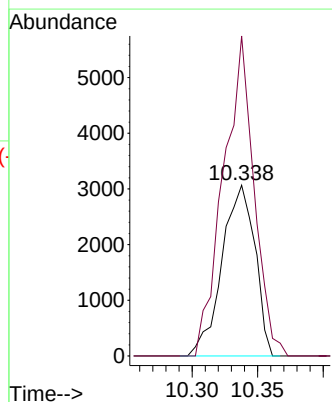
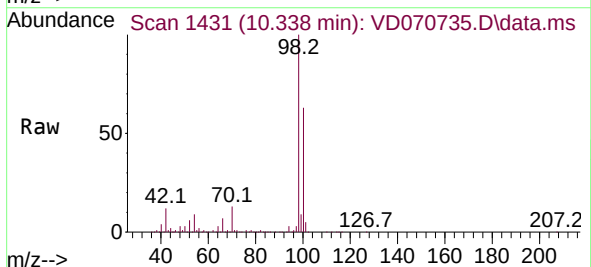
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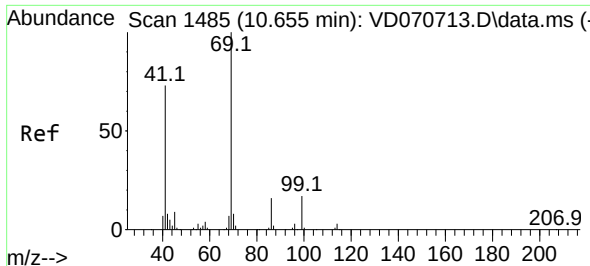
Tgt Ion: 98 Resp: 1060664
Ion Ratio Lower Upper
98 100
100 63.8 52.2 78.4



#51
4-Methyl-2-Pentanone
Concen: 1.428 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.118 min
Lab File: VD070735.D
Acq: 18 Oct 2021 17:40

Tgt Ion: 43 Resp: 5367
Ion Ratio Lower Upper
43 100
58 174.6 35.0 52.6#

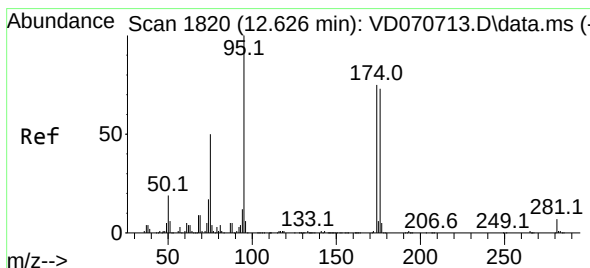
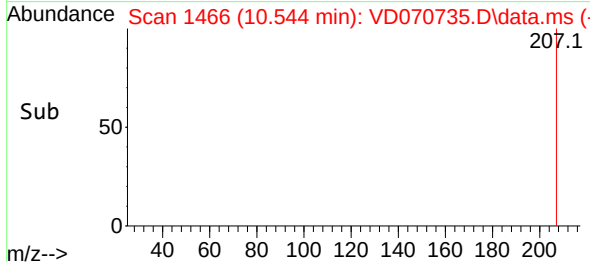
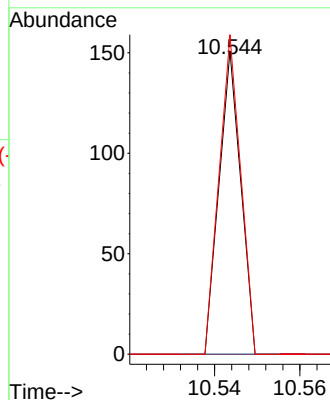
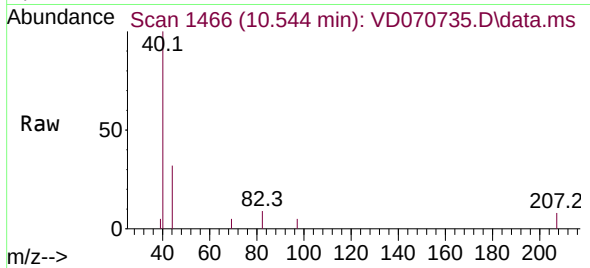




#56
Ethyl methacrylate
Concen: 4.163 ug/l
RT: 10.544 min Scan# 1466
Delta R.T. -0.111 min
Lab File: VD070735.D
Acq: 18 Oct 2021 17:40

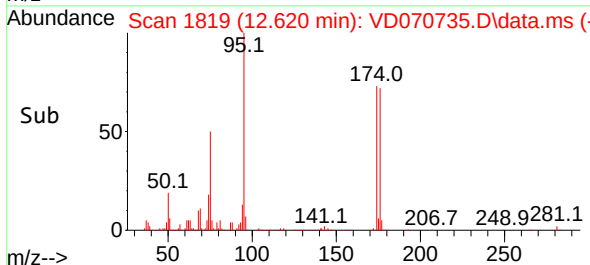
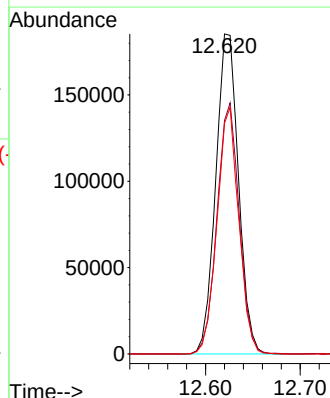
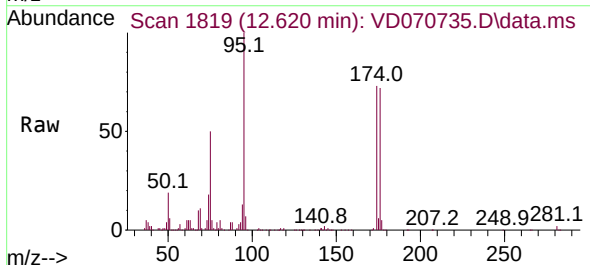
Instrument :
MSVOA_D
ClientSampleId :
454BASIN-20211014

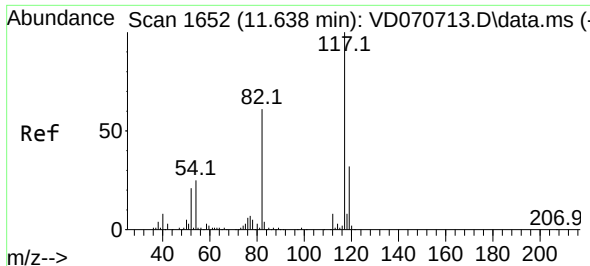
Tgt Ion: 69 Resp: 53
Ion Ratio Lower Upper
69 100
41 0.0 44.7 67.1#
39 105.7 19.5 29.3#



#62
4-Bromofluorobenzene
Concen: 45.179 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD070735.D
Acq: 18 Oct 2021 17:40

Tgt Ion: 95 Resp: 309255
Ion Ratio Lower Upper
95 100
174 76.6 0.0 138.0
176 73.5 0.0 135.6

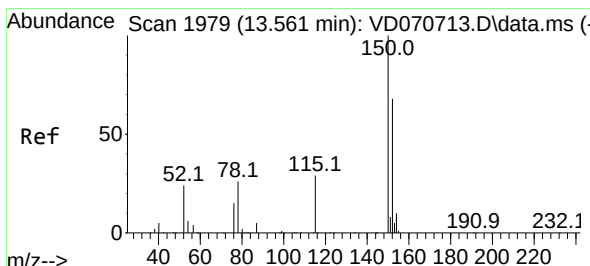
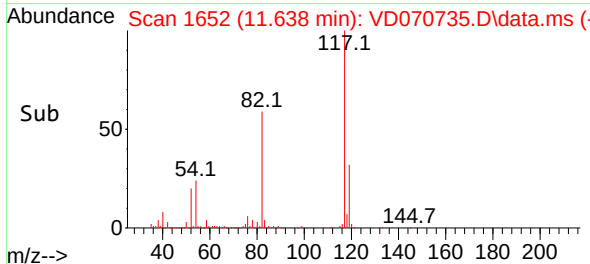
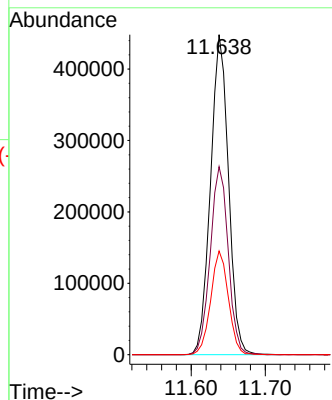
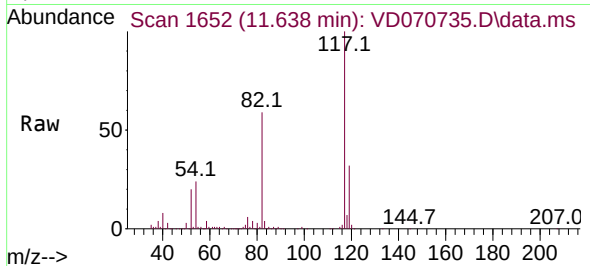




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070735.D
Acq: 18 Oct 2021 17:40

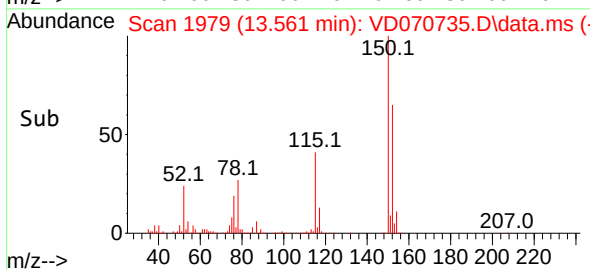
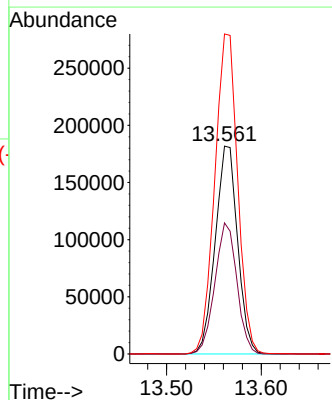
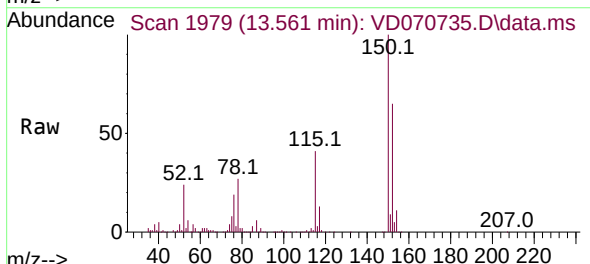
Instrument :
MSVOA_D
ClientSampleId :
454BASIN-20211014

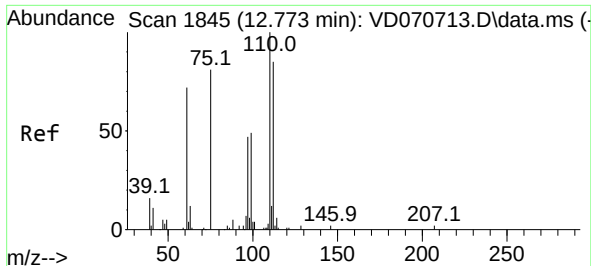
Tgt Ion:	117	Resp:	753524
Ion Ratio	Lower	Upper	
117	100		
82	58.8	45.4	68.2
119	32.4	24.7	37.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD070735.D
Acq: 18 Oct 2021 17:40

Tgt Ion:	152	Resp:	298359
Ion Ratio	Lower	Upper	
152	100		
115	62.0	31.9	95.7
150	157.5	0.0	350.0

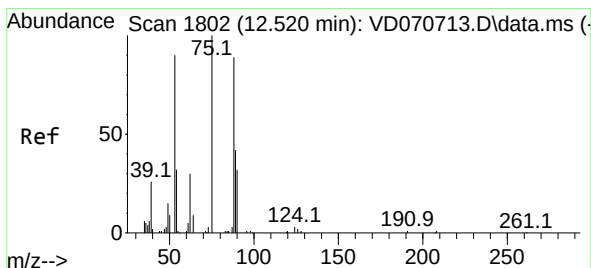
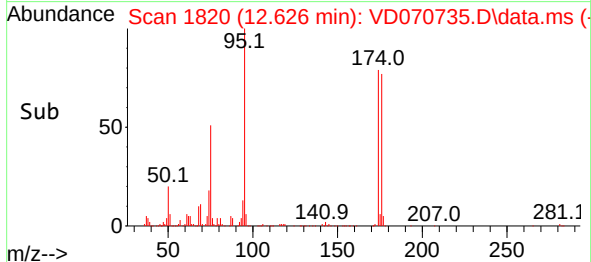
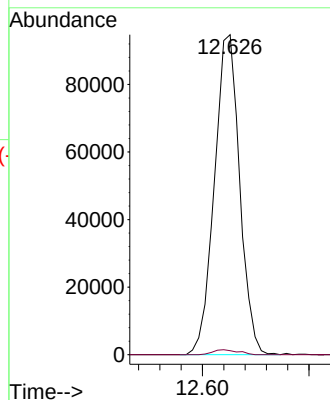
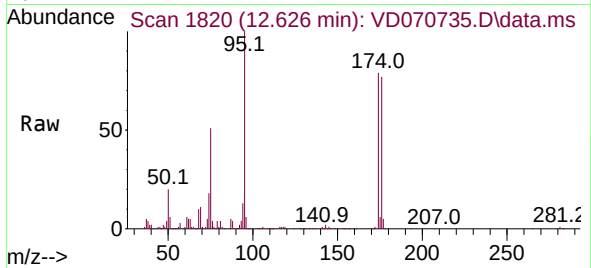




#76
1,2,3-Trichloropropane
Concen: 60.379 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD070735.D
Acq: 18 Oct 2021 17:40

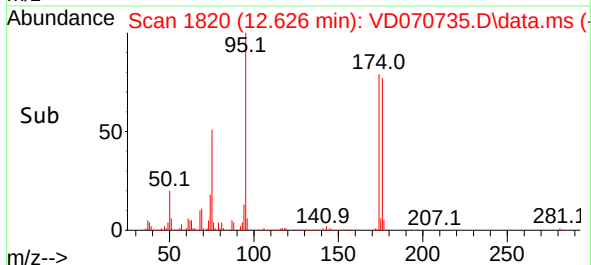
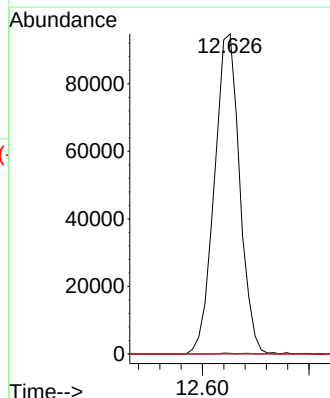
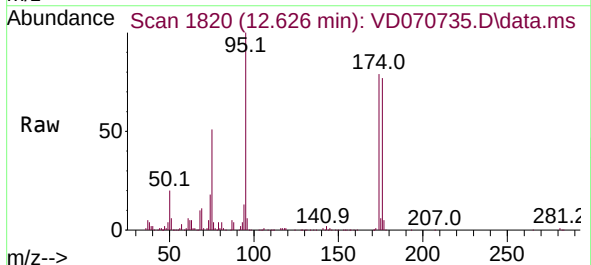
Instrument :
MSVOA_D
ClientSampleId :
454BASIN-20211014

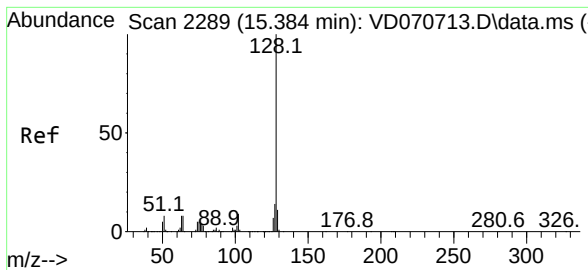
Tgt Ion: 75 Resp: 155640
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 132.250 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD070735.D
Acq: 18 Oct 2021 17:40

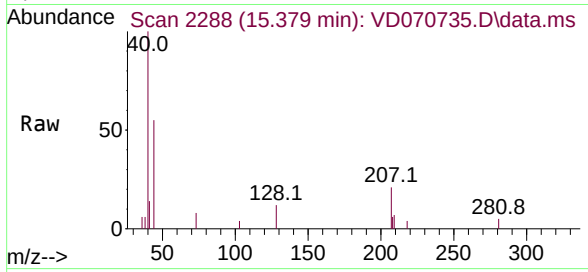
Tgt Ion: 75 Resp: 155640
Ion Ratio Lower Upper
75 100
53 0.1 64.5 96.7#
89 0.0 35.3 52.9#





#95
Naphthalene
Concen: 4.814 ug/l
RT: 15.379 min Scan# 2288
Delta R.T. -0.005 min
Lab File: VD070735.D
Acq: 18 Oct 2021 17:40

Instrument :
MSVOA_D
ClientSampleId :
454BASIN-20211014



Tgt Ion:	128	Resp:	225
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.9	16.3#
129	0.0	8.6	12.8#

