

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102021\
 Data File : VD070767.D
 Acq On : 20 Oct 2021 11:07
 Operator : VA/SY
 Sample : VD1020SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1020SBL01

Quant Time: Oct 21 05:35:44 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)

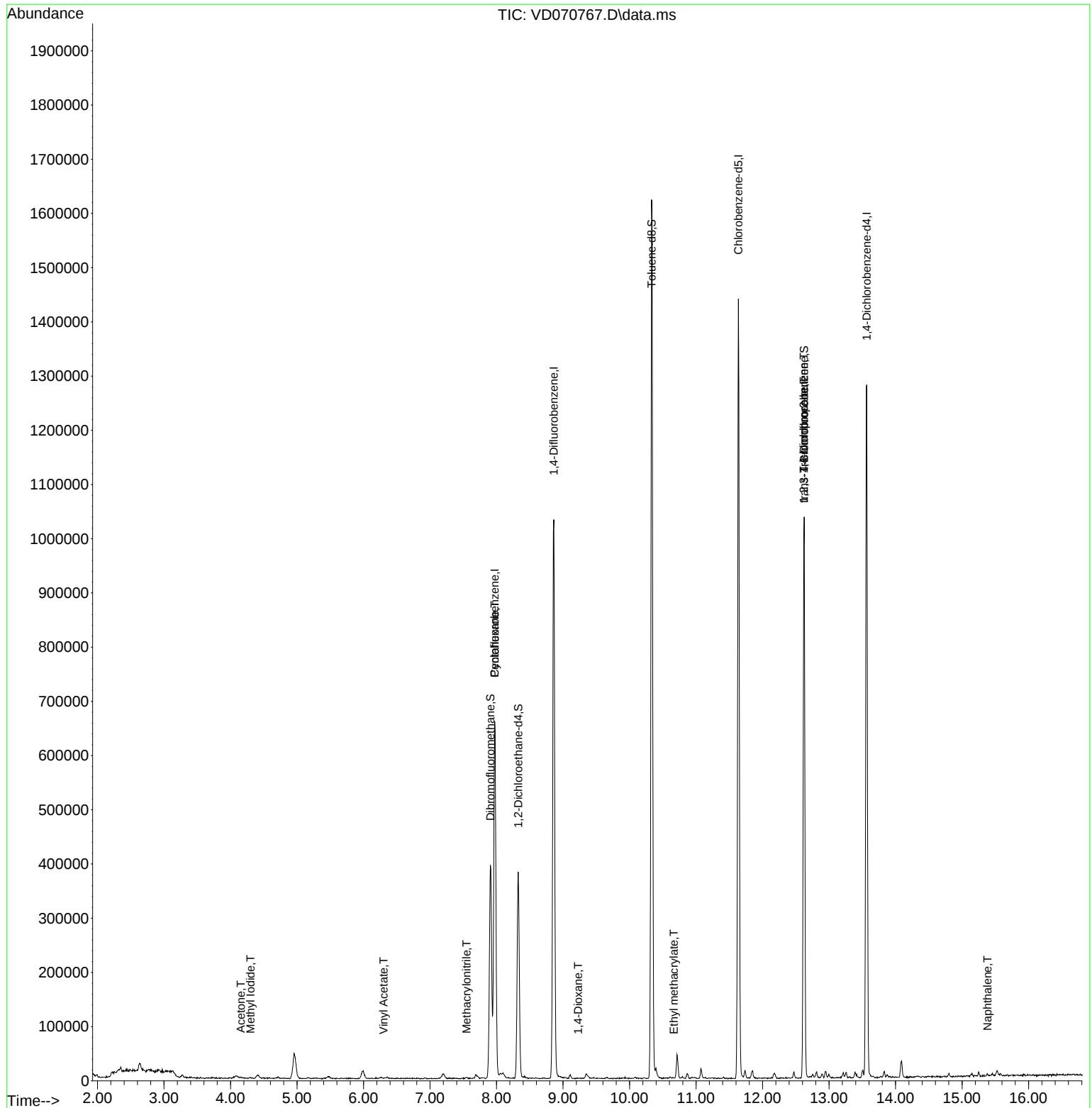
Internal Standards						
1) Pentafluorobenzene	7.973	168	459037	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	840701	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	793096	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	336645	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	307412	56.541	ug/l	0.00
Spiked Amount 50.000	Range 50	- 163	Recovery	=	113.080%	
35) Dibromofluoromethane	7.908	113	282055	52.397	ug/l	0.00
Spiked Amount 50.000	Range 54	- 147	Recovery	=	104.800%	
50) Toluene-d8	10.332	98	1084899	52.575	ug/l	0.00
Spiked Amount 50.000	Range 49	- 140	Recovery	=	105.160%	
62) 4-Bromofluorobenzene	12.626	95	347441	48.899	ug/l	0.00
Spiked Amount 50.000	Range 25	- 144	Recovery	=	97.800%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.303	142	1428	3.553	ug/l #	68
16) Acetone	4.156	43	2947	2.247	ug/l #	71
20) Methylene Chloride	4.956	84	34160	Below Cal		88
23) Vinyl Acetate	6.303	43	1909	16.512	ug/l #	69
31) Cyclohexane	7.973	56	14594	1.327	ug/l #	36
41) Methacrylonitrile	7.550	41	311	2.066	ug/l #	16
49) 1,4-Dioxane	9.226	88	61	1.665	ug/l #	1
56) Ethyl methacrylate	10.667	69	395	4.212	ug/l #	23
76) 1,2,3-Trichloropropane	12.620	75	176684	60.748	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	176684	133.057	ug/l #	18
95) Naphthalene	15.384	128	3069	5.047	ug/l #	84

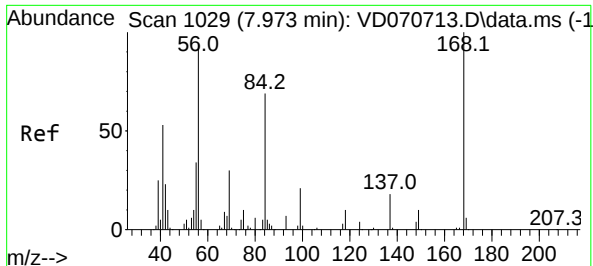
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Oct 18 08:32:03 2021
Response via : Initial Calibration

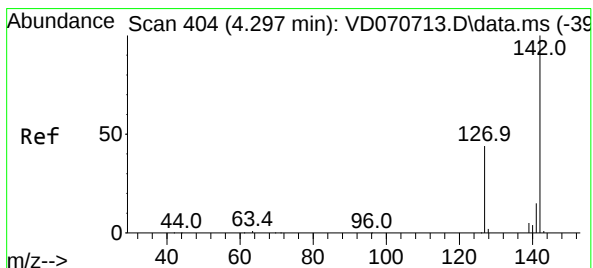
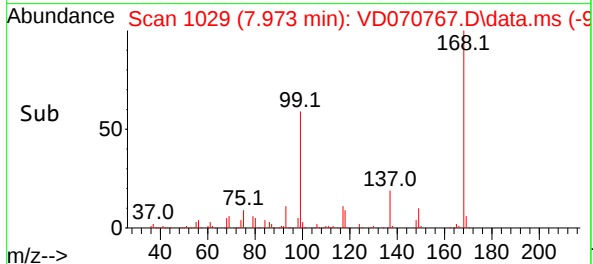
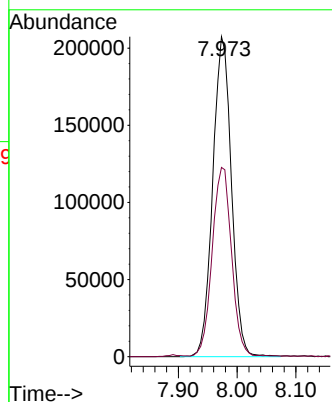
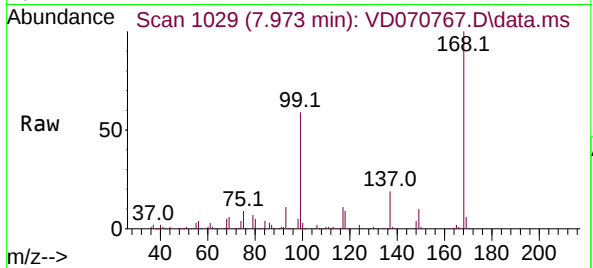




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD070767.D
Acq: 20 Oct 2021 11:07

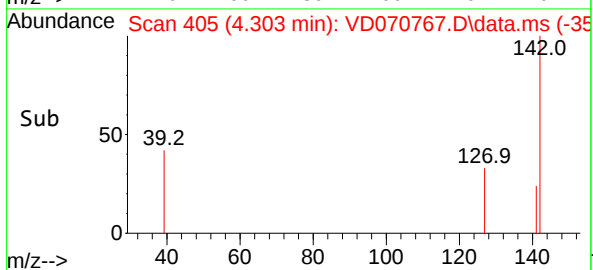
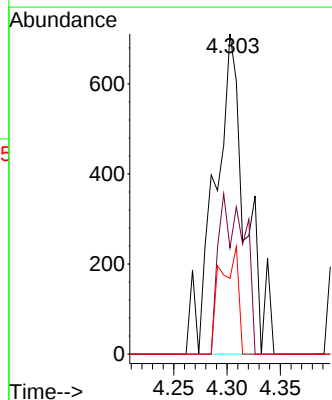
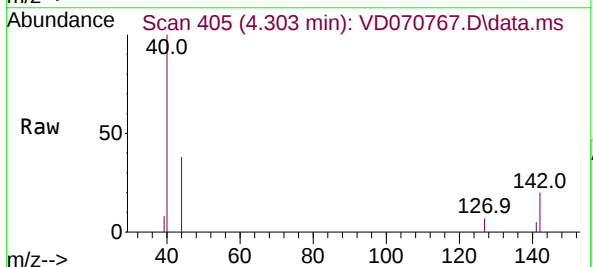
Instrument :
MSVOA_D
ClientSampleId :
VD1020SBL01

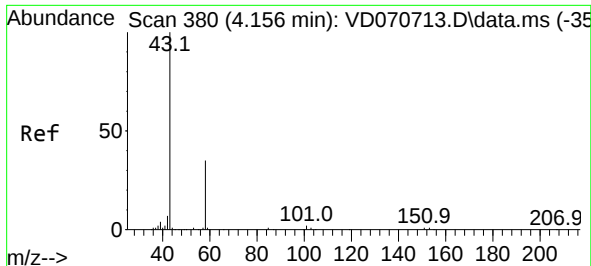
Tgt Ion:168 Resp: 459037
Ion Ratio Lower Upper
168 100
99 58.9 51.4 77.0



#10
Methyl Iodide
Concen: 3.553 ug/l
RT: 4.303 min Scan# 405
Delta R.T. 0.006 min
Lab File: VD070767.D
Acq: 20 Oct 2021 11:07

Tgt Ion:142 Resp: 1428
Ion Ratio Lower Upper
142 100
127 20.4 37.5 56.3#
141 19.3 12.1 18.1#

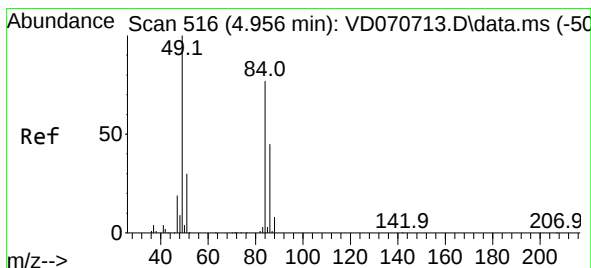
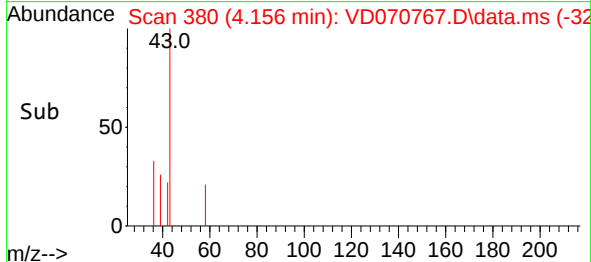
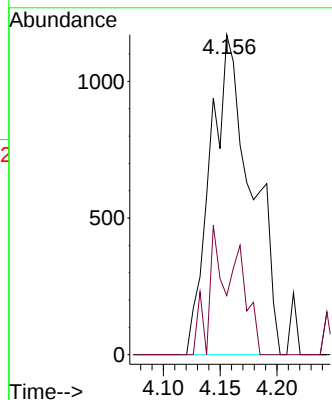
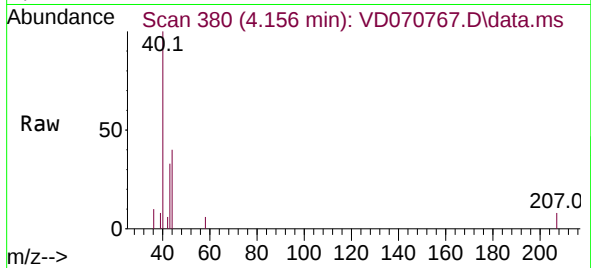




#16
Acetone
Concen: 2.247 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.000 min
Lab File: VD070767.D
Acq: 20 Oct 2021 11:07

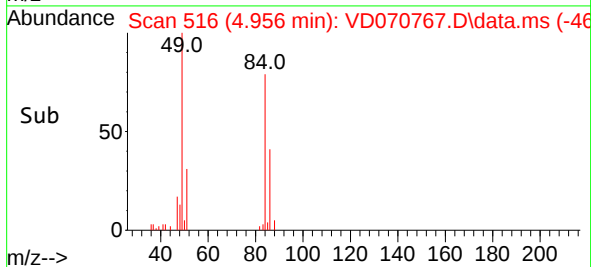
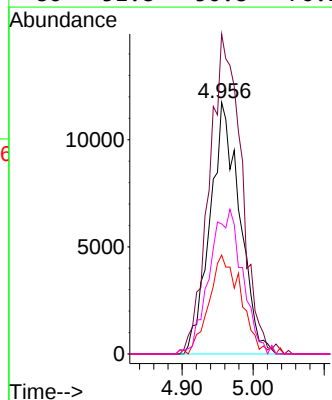
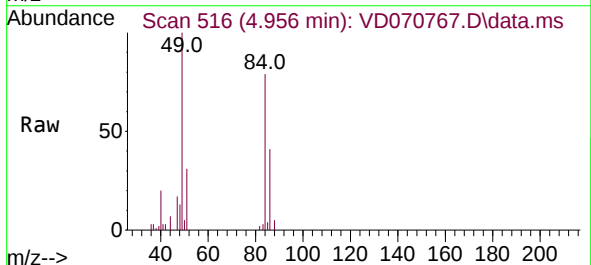
Instrument :
MSVOA_D
ClientSampleId :
VD1020SBL01

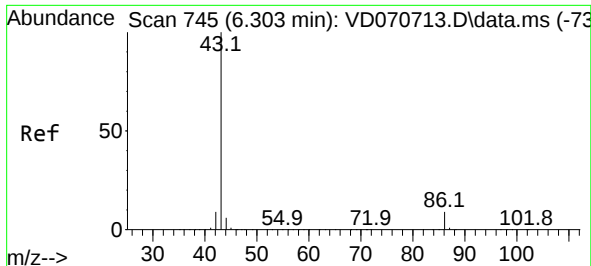
Tgt Ion: 43 Resp: 2947
Ion Ratio Lower Upper
43 100
58 18.4 28.2 42.2#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.956 min Scan# 516
Delta R.T. -0.000 min
Lab File: VD070767.D
Acq: 20 Oct 2021 11:07

Tgt Ion: 84 Resp: 34160
Ion Ratio Lower Upper
84 100
49 127.3 91.4 137.2
51 37.8 26.7 40.1
86 51.8 50.8 76.2

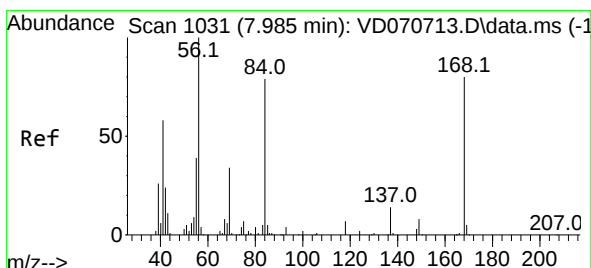
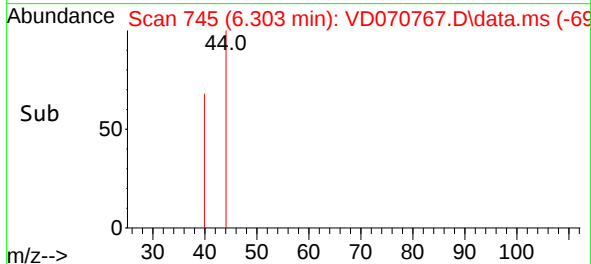
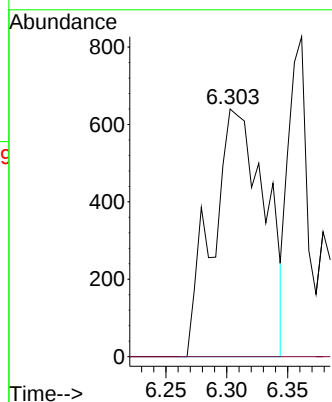
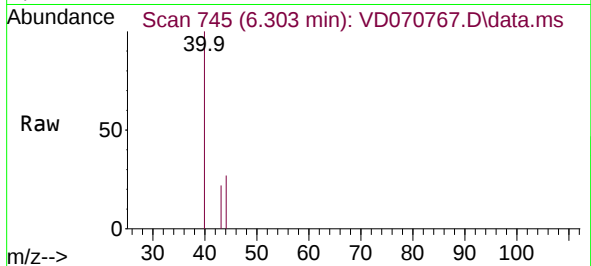




#23
 Vinyl Acetate
 Concen: 16.512 ug/l
 RT: 6.303 min Scan# 745
 Delta R.T. -0.000 min
 Lab File: VD070767.D
 Acq: 20 Oct 2021 11:07

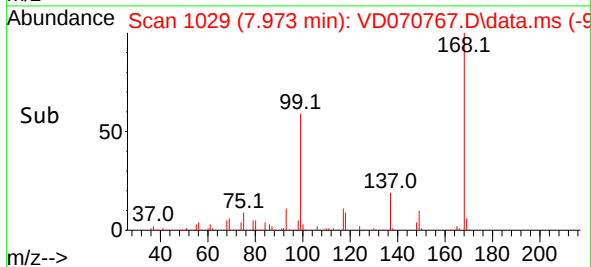
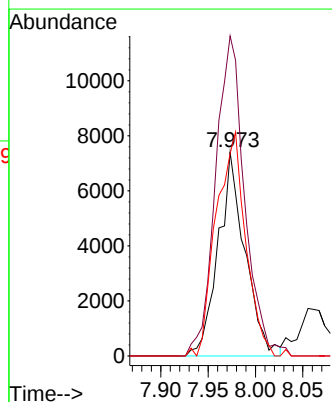
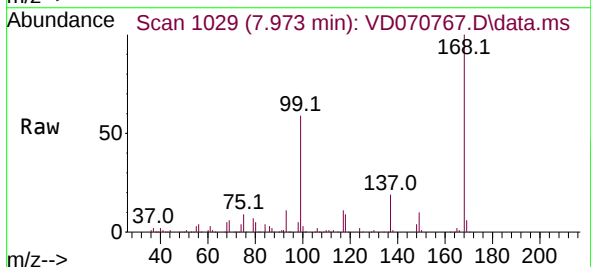
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1020SBL01

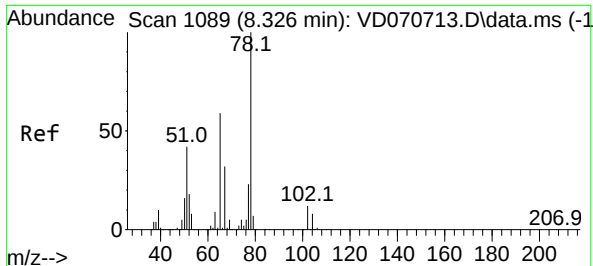
Tgt Ion: 43 Resp: 1909
 Ion Ratio Lower Upper
 43 100
 86 0.0 9.8 14.6#



#31
 Cyclohexane
 Concen: 1.327 ug/l
 RT: 7.973 min Scan# 1029
 Delta R.T. -0.012 min
 Lab File: VD070767.D
 Acq: 20 Oct 2021 11:07

Tgt Ion: 56 Resp: 14594
 Ion Ratio Lower Upper
 56 100
 69 157.0 27.4 41.2#
 84 99.4 73.6 110.4

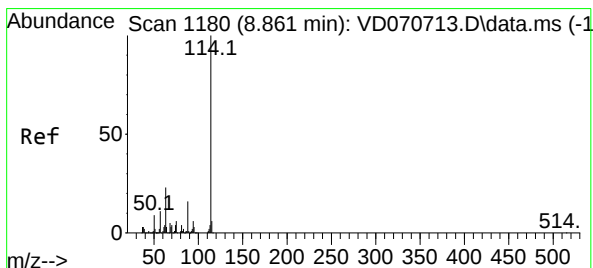
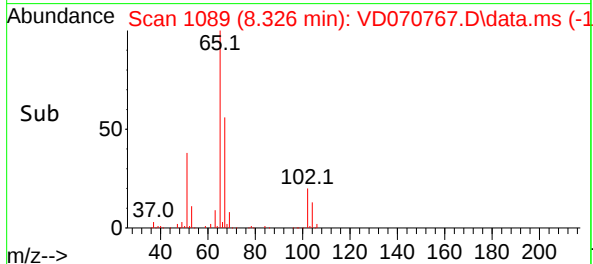
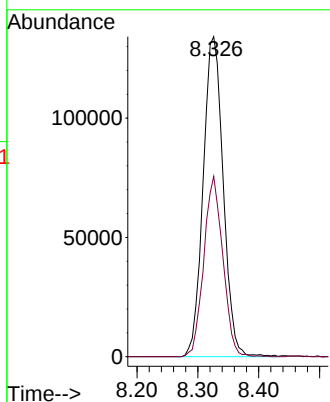
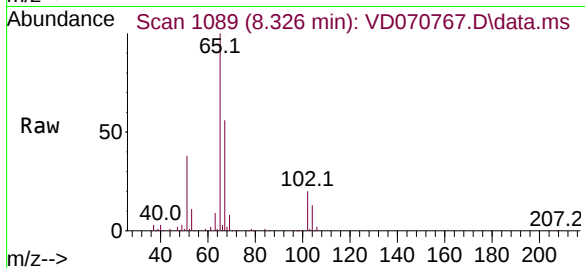




#33
1,2-Dichloroethane-d4
Concen: 56.541 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD070767.D
Acq: 20 Oct 2021 11:07

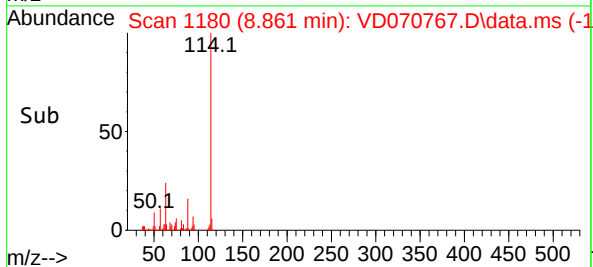
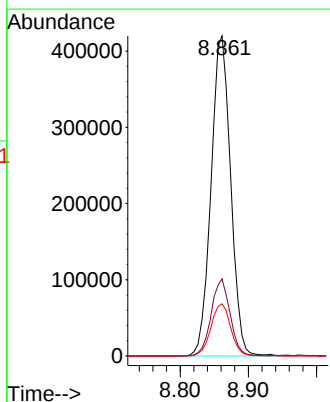
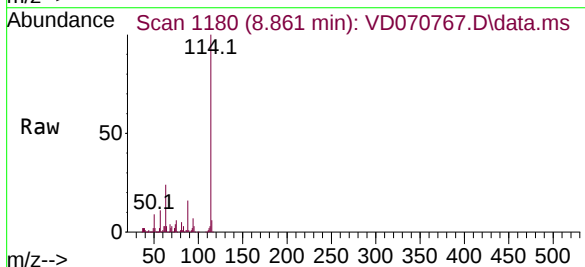
Instrument :
MSVOA_D
ClientSampleId :
VD1020SBL01

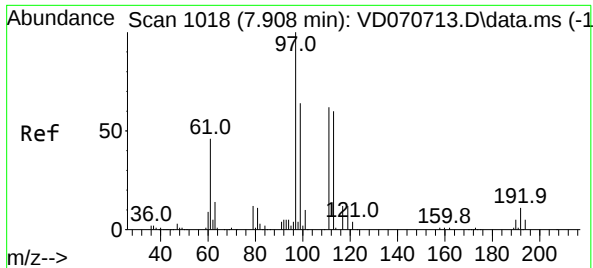
Tgt Ion: 65 Resp: 307412
Ion Ratio Lower Upper
65 100
67 53.5 0.0 110.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070767.D
Acq: 20 Oct 2021 11:07

Tgt Ion: 114 Resp: 840701
Ion Ratio Lower Upper
114 100
63 24.1 0.0 41.8
88 16.3 0.0 32.6

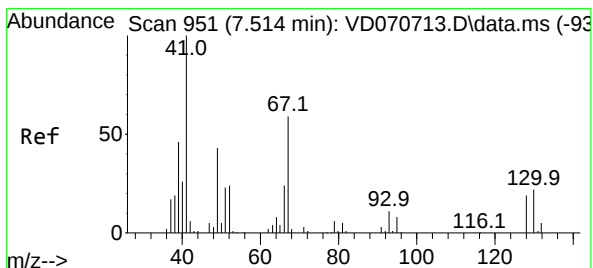
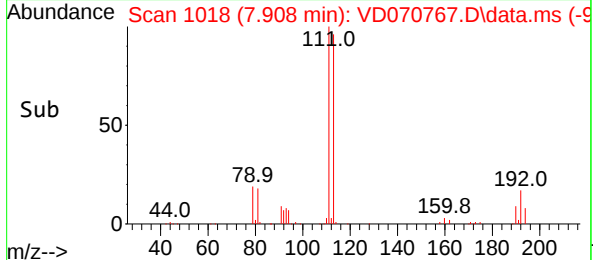
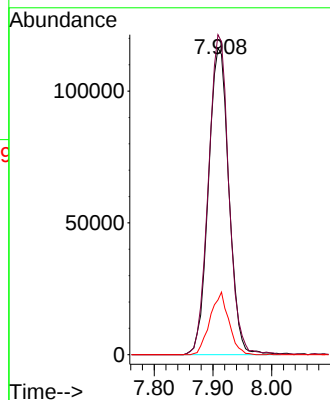
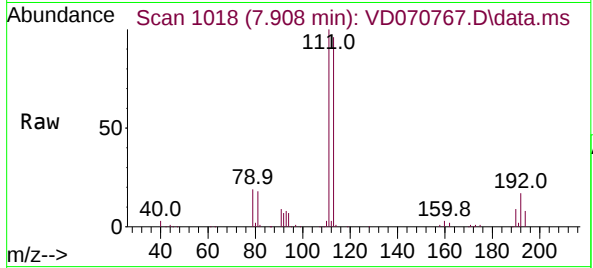




#35
Dibromofluoromethane
Concen: 52.397 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VD070767.D
Acq: 20 Oct 2021 11:07

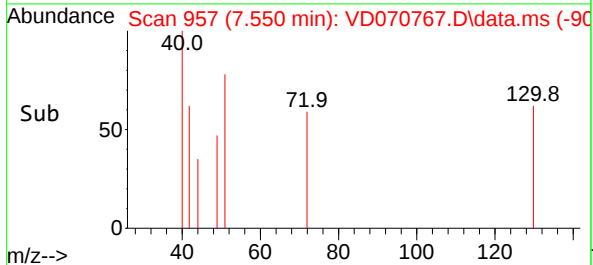
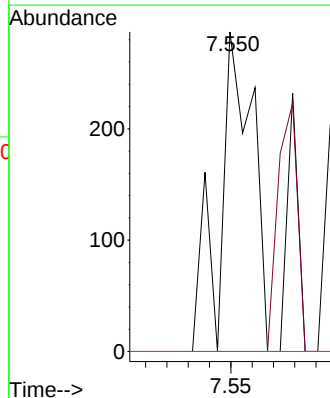
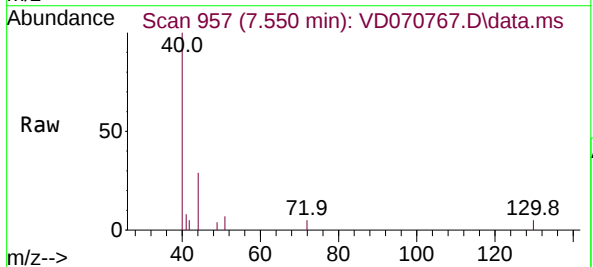
Instrument :
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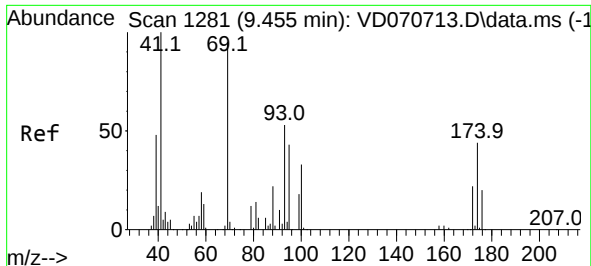
Tgt Ion:113 Resp: 282055
Ion Ratio Lower Upper
113 100
111 103.6 83.1 124.7
192 18.7 12.7 19.1



#41
Methacrylonitrile
Concen: 2.066 ug/l
RT: 7.550 min Scan# 957
Delta R.T. 0.036 min
Lab File: VD070767.D
Acq: 20 Oct 2021 11:07

Tgt Ion: 41 Resp: 311
Ion Ratio Lower Upper
41 100
39 0.0 45.2 67.8#
67 0.0 75.8 113.6#
52 0.0 27.8 41.8#

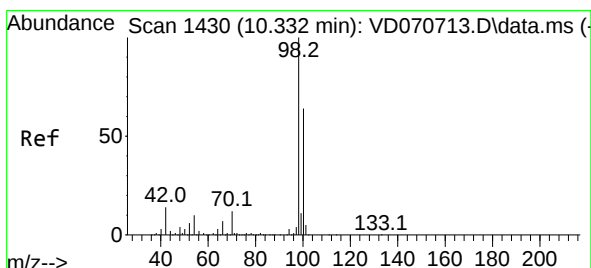
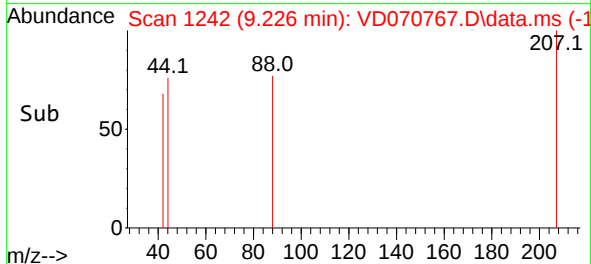
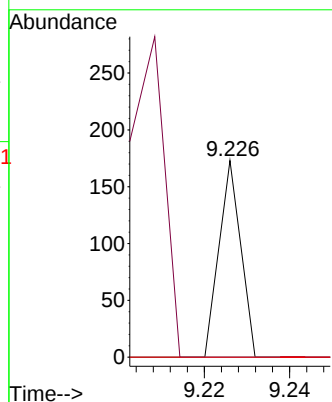
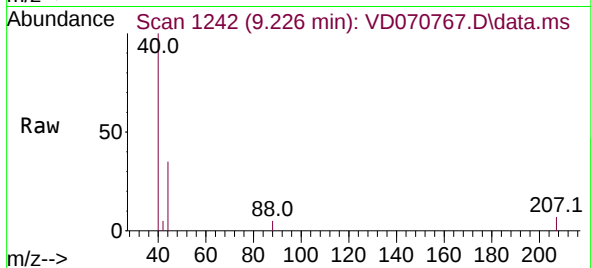




#49
1,4-Dioxane
Concen: 1.665 ug/l
RT: 9.226 min Scan# 1242
Delta R.T. -0.229 min
Lab File: VD070767.D
Acq: 20 Oct 2021 11:07

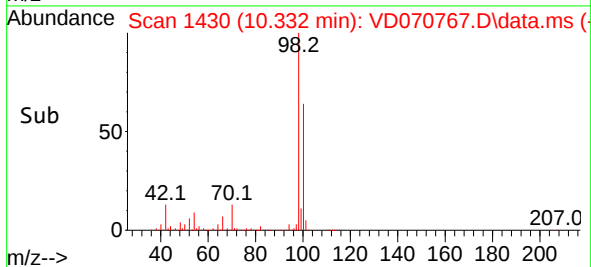
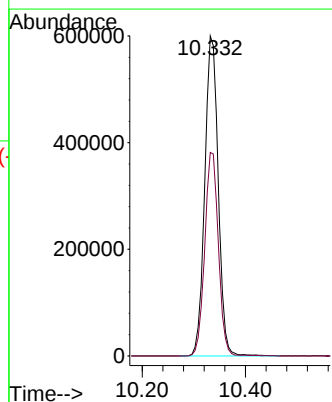
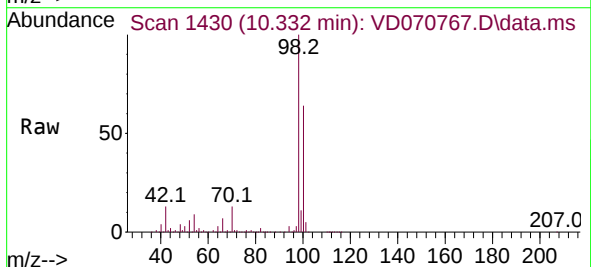
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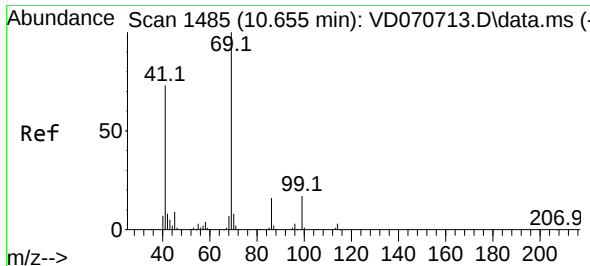
Tgt Ion: 88 Resp: 61
Ion Ratio Lower Upper
88 100
43 273.8 25.1 37.7#
58 0.0 57.4 86.0#



#50
Toluene-d8
Concen: 52.575 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD070767.D
Acq: 20 Oct 2021 11:07

Tgt Ion: 98 Resp: 1084899
Ion Ratio Lower Upper
98 100
100 64.5 52.2 78.4

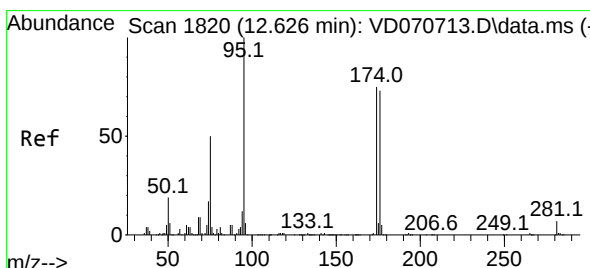
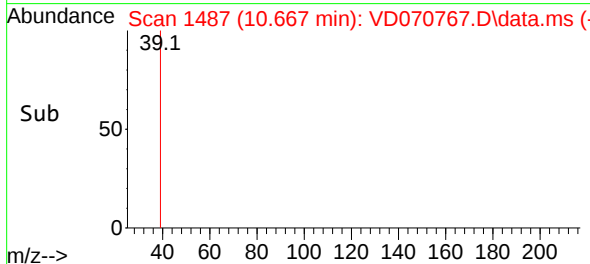
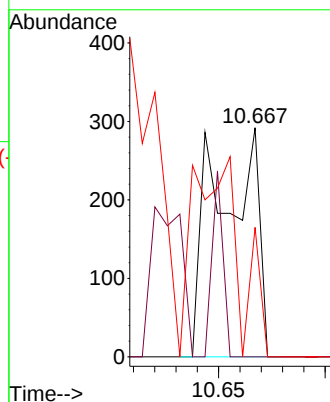
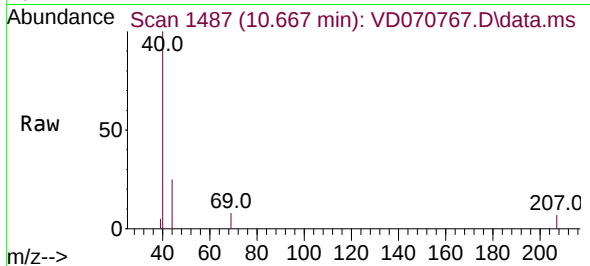




#56
Ethyl methacrylate
Concen: 4.212 ug/l
RT: 10.667 min Scan# 1487
Delta R.T. 0.012 min
Lab File: VD070767.D
Acq: 20 Oct 2021 11:07

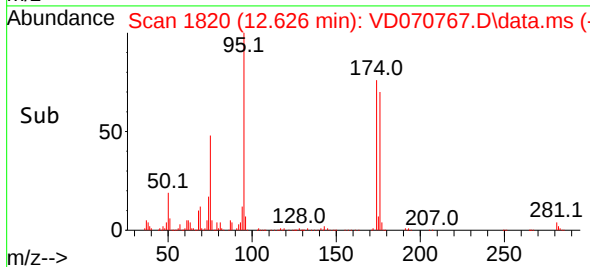
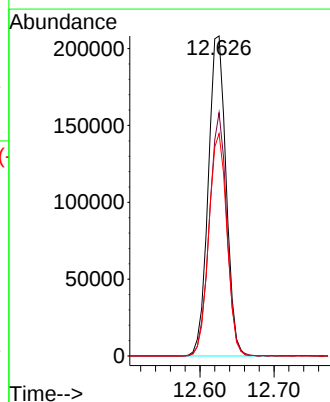
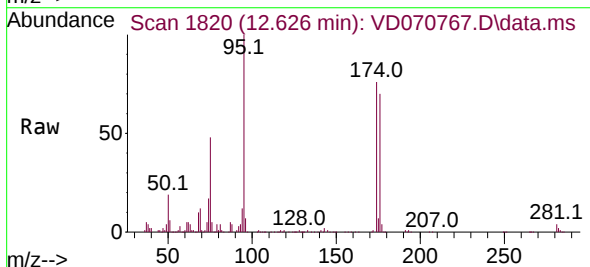
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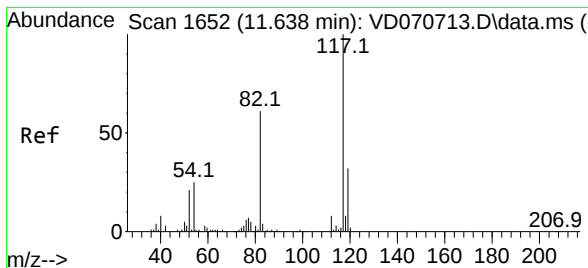
Tgt Ion: 69 Resp: 395
Ion Ratio Lower Upper
69 100
41 21.3 44.7 67.1#
39 96.5 19.5 29.3#



#62
4-Bromofluorobenzene
Concen: 48.899 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD070767.D
Acq: 20 Oct 2021 11:07

Tgt Ion: 95 Resp: 347441
Ion Ratio Lower Upper
95 100
174 74.2 0.0 138.0
176 70.7 0.0 135.6

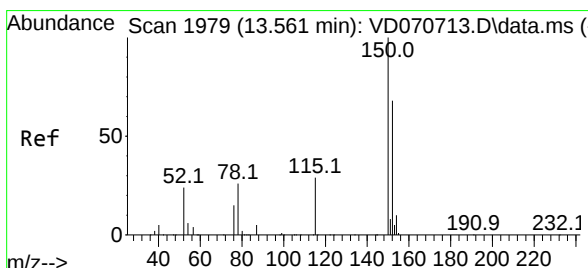
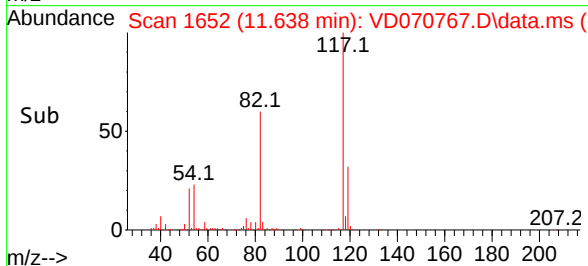
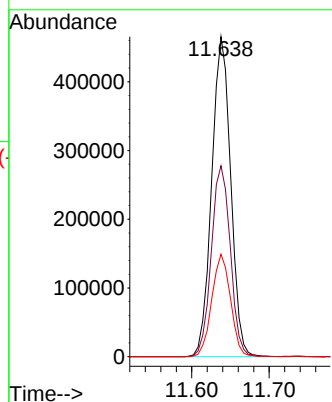
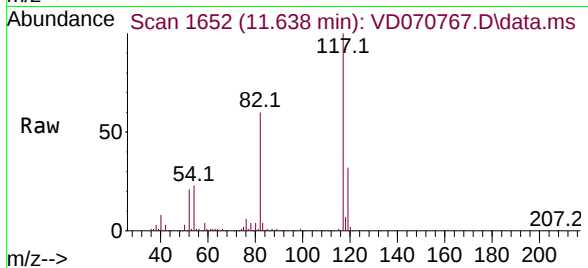




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070767.D
Acq: 20 Oct 2021 11:07

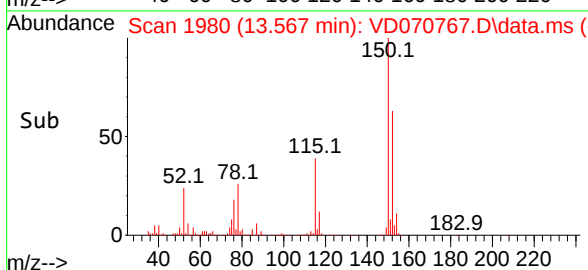
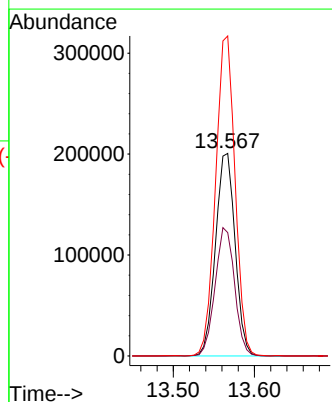
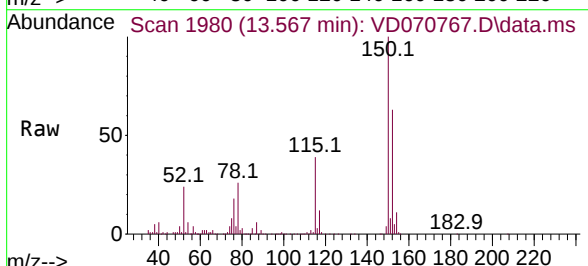
Instrument :
MSVOA_D
ClientSampleId :
VD1020SBL01

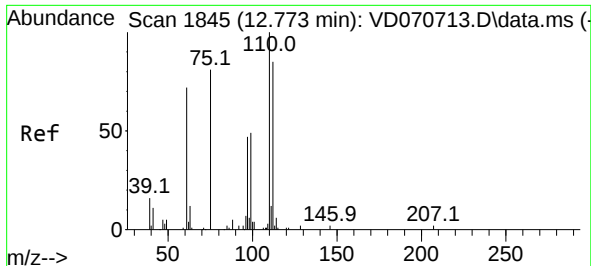
Tgt Ion:	117	Resp:	793096
Ion	Ratio	Lower	Upper
117	100		
82	59.7	45.4	68.2
119	32.0	24.7	37.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.006 min
Lab File: VD070767.D
Acq: 20 Oct 2021 11:07

Tgt Ion:	152	Resp:	336645
Ion	Ratio	Lower	Upper
152	100		
115	63.1	31.9	95.7
150	156.8	0.0	350.0

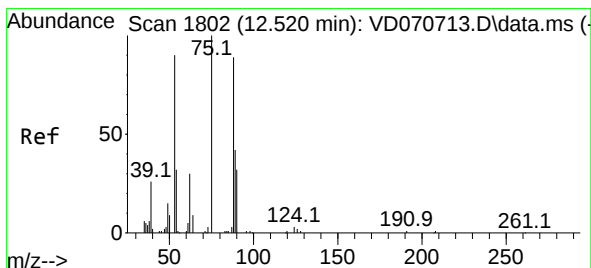
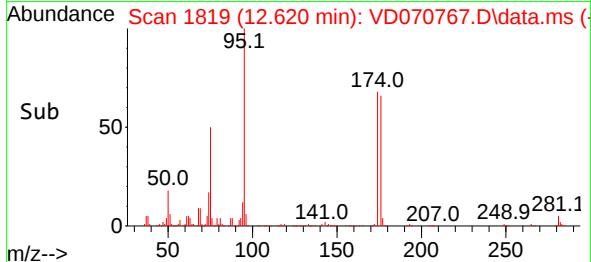
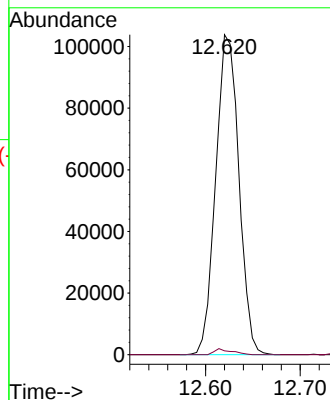
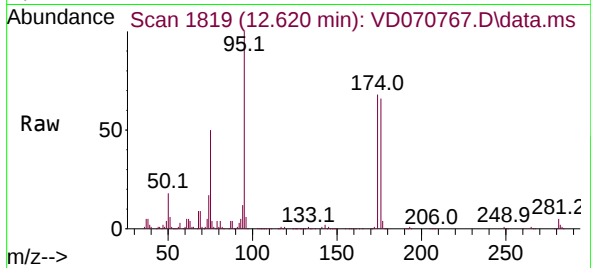




#76
1,2,3-Trichloropropane
Concen: 60.748 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.153 min
Lab File: VD070767.D
Acq: 20 Oct 2021 11:07

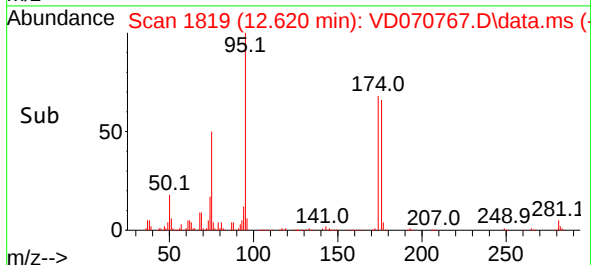
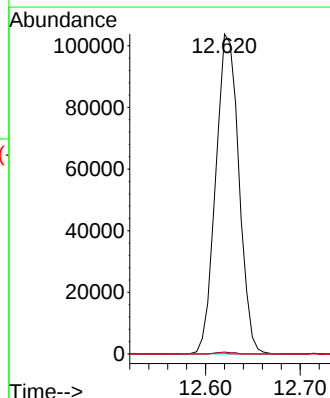
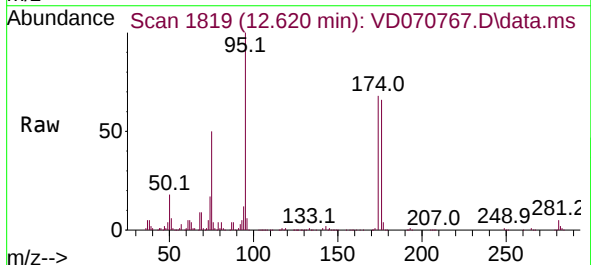
Instrument :
MSVOA_D
ClientSampleId :
VD1020SBL01

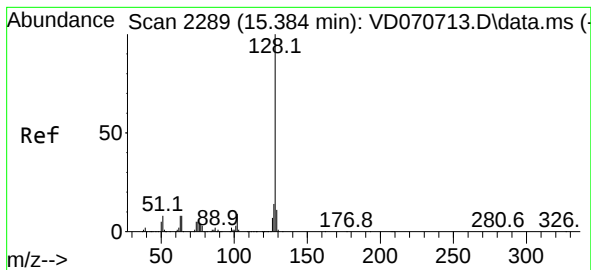
Tgt Ion: 75 Resp: 176684
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 133.057 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.100 min
Lab File: VD070767.D
Acq: 20 Oct 2021 11:07

Tgt Ion: 75 Resp: 176684
Ion Ratio Lower Upper
75 100
53 0.4 64.5 96.7#
89 0.2 35.3 52.9#





#95
Naphthalene
Concen: 5.047 ug/l
RT: 15.384 min Scan# 2289
Delta R.T. 0.000 min
Lab File: VD070767.D
Acq: 20 Oct 2021 11:07

Instrument :
MSVOA_D
ClientSampleId :
VD1020SBL01

Tgt Ion:128 Resp: 3069
Ion Ratio Lower Upper
128 100
127 3.8 10.9 16.3#
129 8.4 8.6 12.8#

