

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110921\
 Data File : VD070955.D
 Acq On : 09 Nov 2021 17:45
 Operator : VA/SY
 Sample : M4569-01RE
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 10 03:58:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110921S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 10 03:55:51 2021
 Response via : Initial Calibration

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

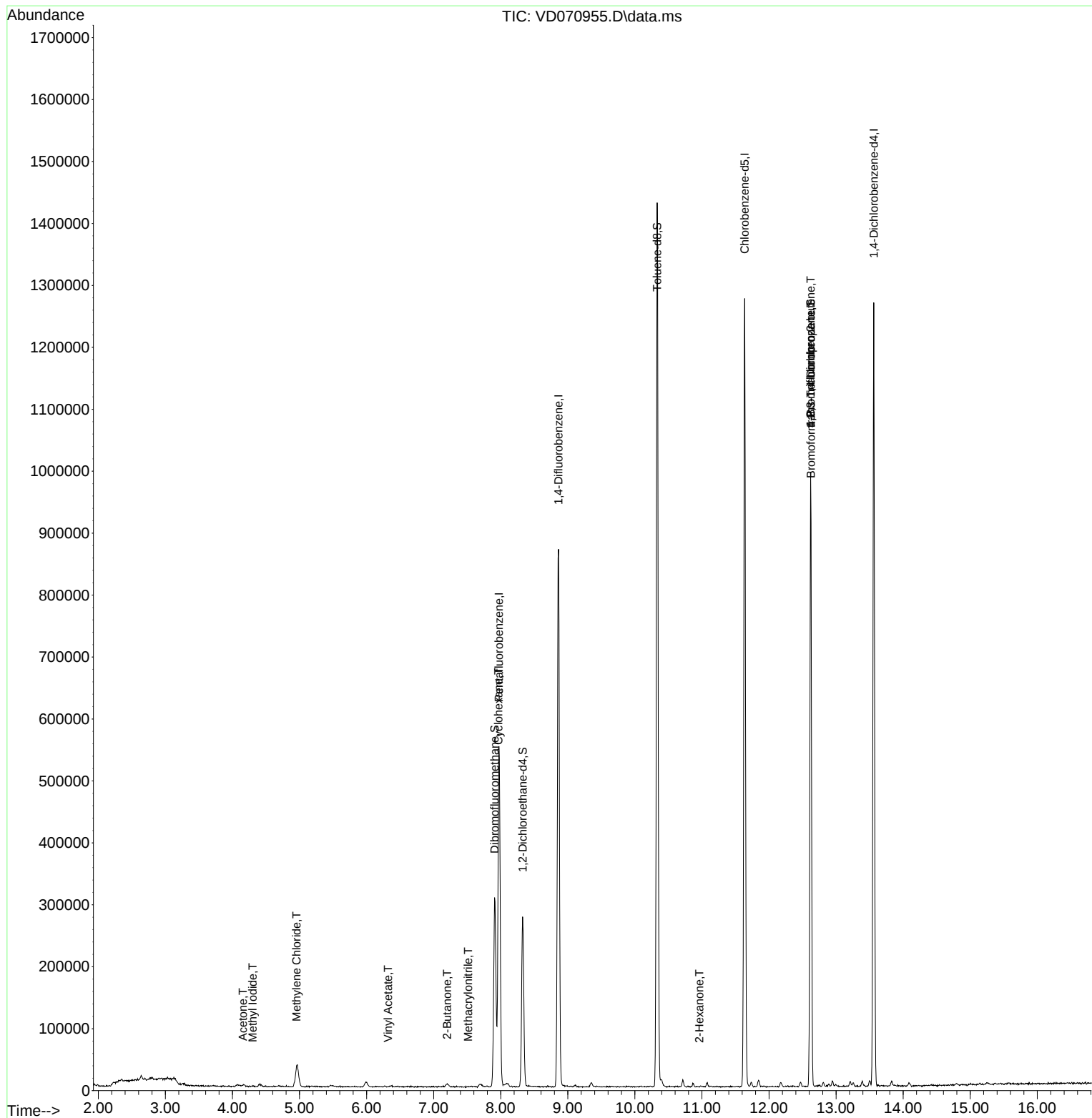
Internal Standards						
1) Pentafluorobenzene	7.973	168	405371	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	742928	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	703193	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	311959	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	209279	48.489	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.980%		
35) Dibromofluoromethane	7.909	113	219354	52.324	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	104.640%		
50) Toluene-d8	10.332	98	934233	56.904	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	113.800%		
62) 4-Bromofluorobenzene	12.620	95	328961	55.649	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	111.300%		
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.303	142	1552	6.312	ug/l #	56
13) Acrolein	3.932	56	172	Below Cal	#	77
16) Acetone	4.156	43	3360	22.450	ug/l #	69
20) Methylene Chloride	4.956	84	25480	4.809	ug/l	94
23) Vinyl Acetate	6.320	43	371	21.022	ug/l #	72
25) 2-Butanone	7.203	43	564	20.711	ug/l #	45
31) Cyclohexane	7.967	56	12582	1.418	ug/l #	13
41) Methacrylonitrile	7.514	41	342	3.649	ug/l #	31
59) 2-Hexanone	10.961	43	459	16.112	ug/l #	22
71) Bromoform	12.626	173	2562	1.103	ug/l #	1
76) 1,2,3-Trichloropropane	12.620	75	174651	65.541	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.620	75	174651	121.136	ug/l #	18

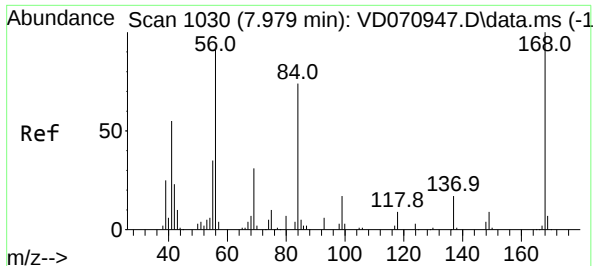
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 15 Sample Multiplier: 1

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MSVOA_D
ClientSampleId :

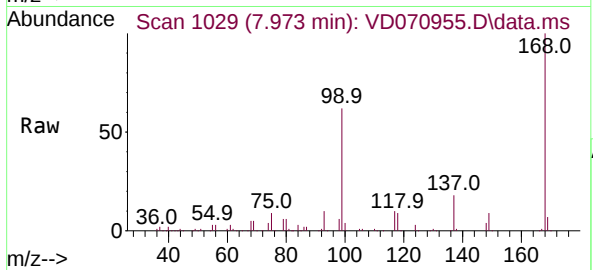
Quant Time: Nov 10 03:58:06 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110921S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 10 03:55:51 2021
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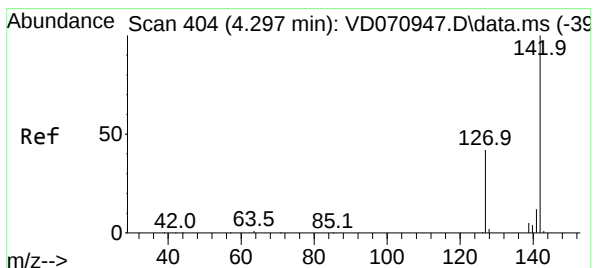
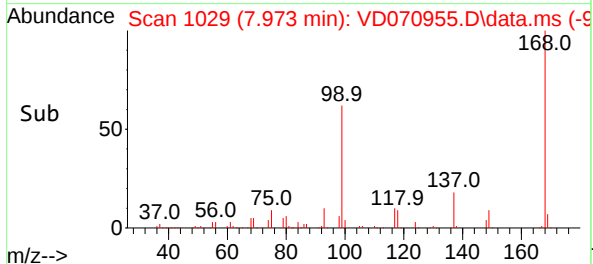
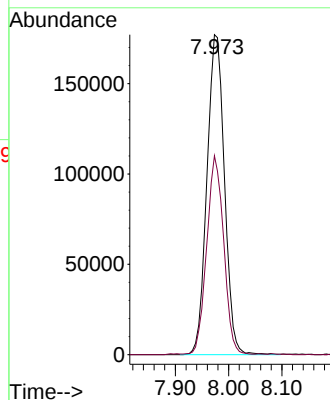


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD070955.D
Acq: 09 Nov 2021 17:45

Instrument :
MSVOA_D
ClientSampleId :

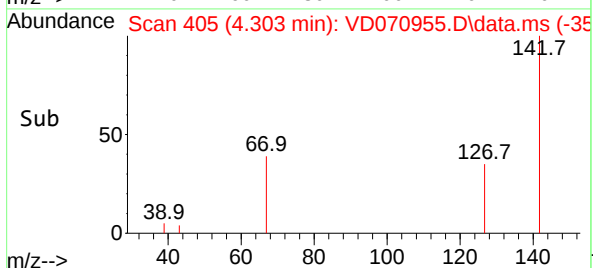
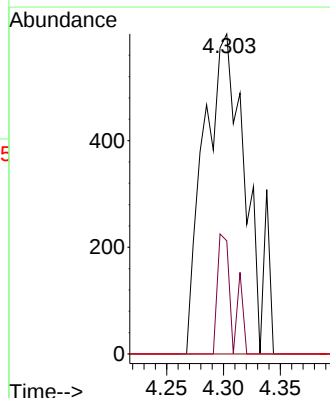
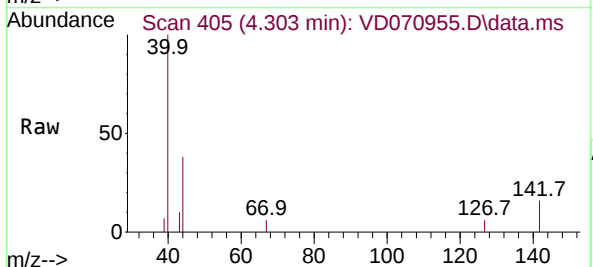


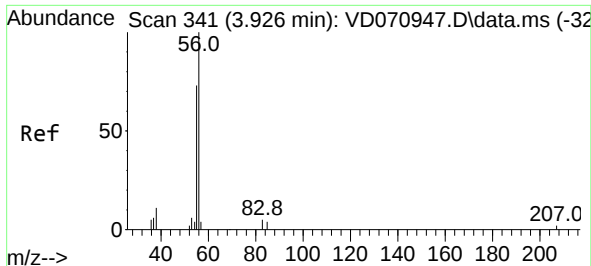
Tgt Ion:168 Resp: 405371
Ion Ratio Lower Upper
168 100
99 62.0 46.6 69.8



#10
Methyl Iodide
Concen: 6.312 ug/l
RT: 4.303 min Scan# 405
Delta R.T. 0.006 min
Lab File: VD070955.D
Acq: 09 Nov 2021 17:45

Tgt Ion:142 Resp: 1552
Ion Ratio Lower Upper
142 100
127 13.4 35.0 52.4#
141 0.0 12.0 18.0#

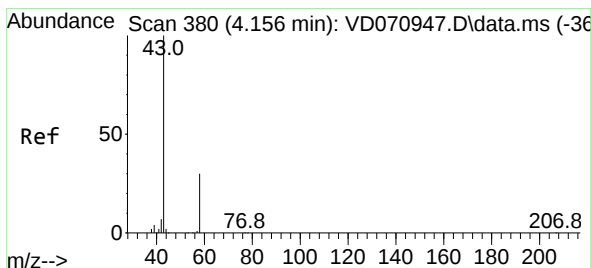
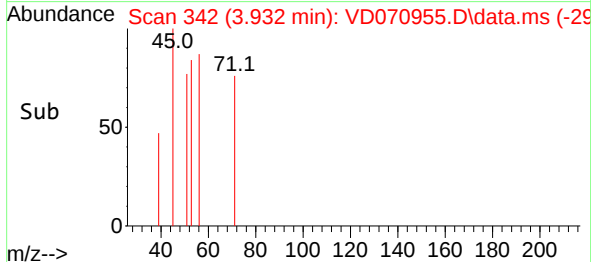
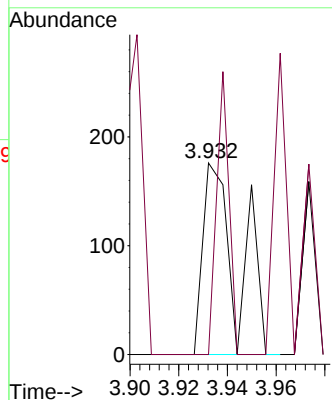
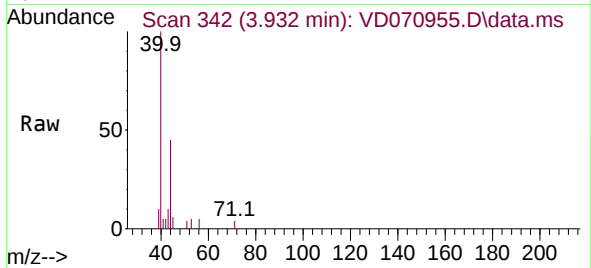




#13
Acrolein
Concen: Below Cal
RT: 3.932 min Scan# 341
Delta R.T. 0.006 min
Lab File: VD070955.D
Acq: 09 Nov 2021 17:45

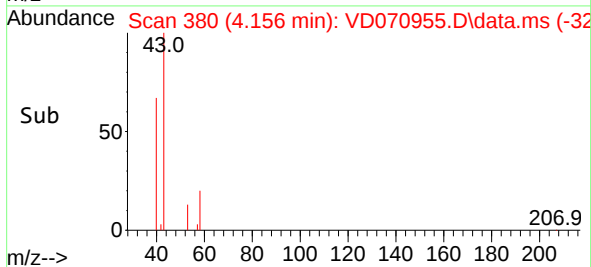
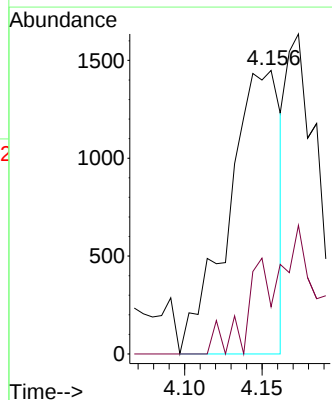
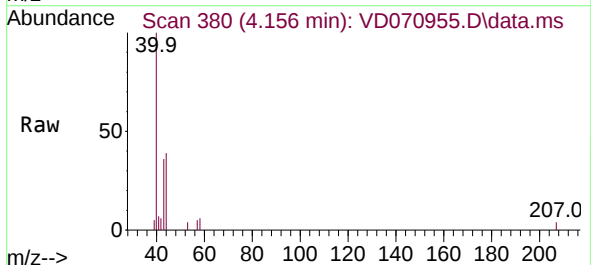
Instrument :
MSVOA_D
ClientSampleId :

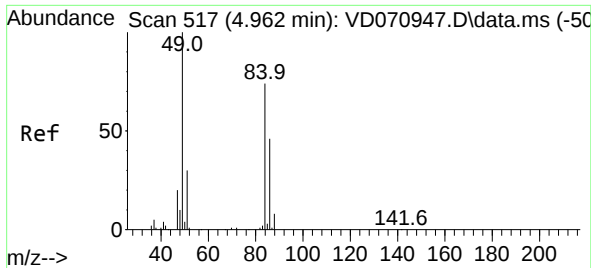
Tgt Ion: 56 Resp: 172
Ion Ratio Lower Upper
56 100
55 53.5 58.6 87.8#



#16
Acetone
Concen: 22.450 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD070955.D
Acq: 09 Nov 2021 17:45

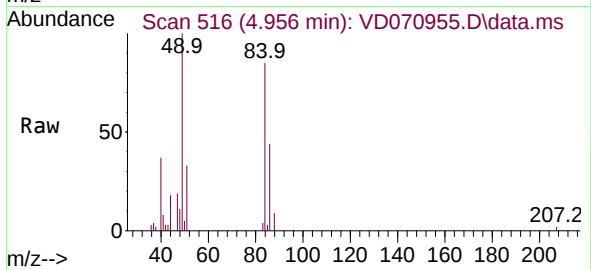
Tgt Ion: 43 Resp: 3360
Ion Ratio Lower Upper
43 100
58 16.6 27.8 41.8#



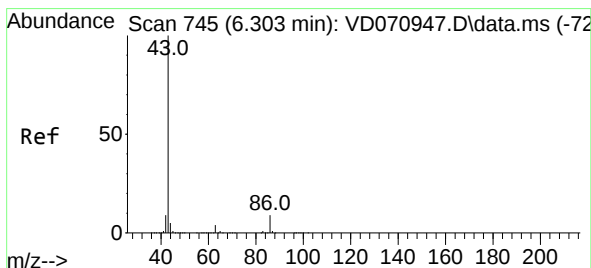
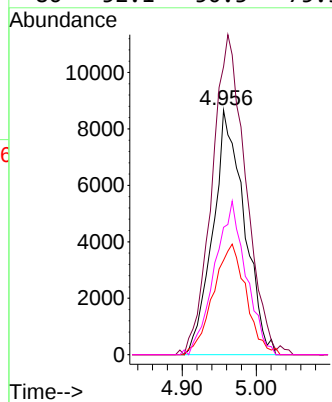
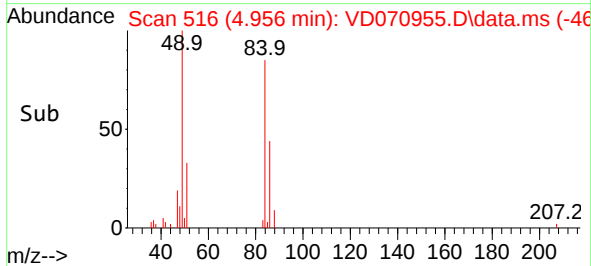


#20
Methylene Chloride
Concen: 4.809 ug/l
RT: 4.956 min Scan# 517
Delta R.T. -0.006 min
Lab File: VD070955.D
Acq: 09 Nov 2021 17:45

Instrument :
MSVOA_D
ClientSampleId :

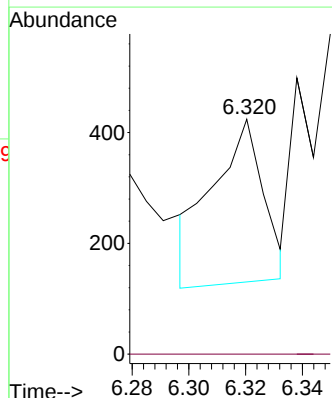
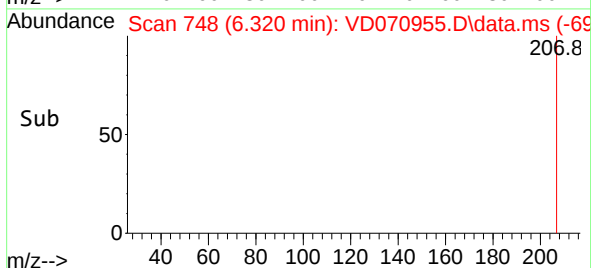
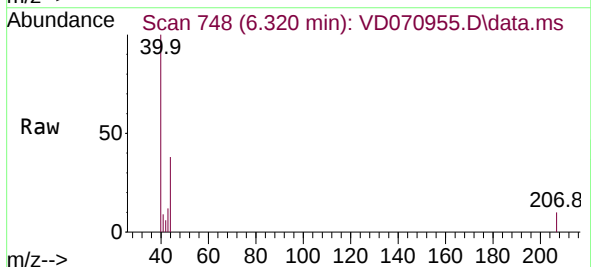


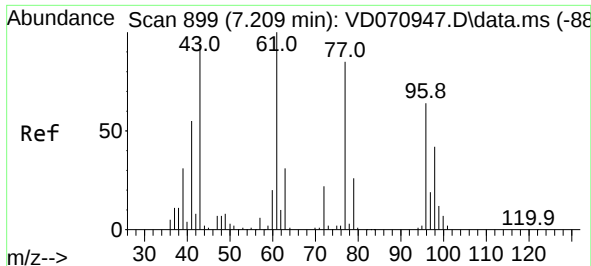
Tgt Ion:	84	Resp:	25480
Ion	Ratio	Lower	Upper
84	100		
49	115.9	95.8	143.6
51	38.6	30.9	46.3
86	52.1	50.3	75.5



#23
Vinyl Acetate
Concen: 21.022 ug/l
RT: 6.320 min Scan# 748
Delta R.T. 0.017 min
Lab File: VD070955.D
Acq: 09 Nov 2021 17:45

Tgt Ion:	43	Resp:	371
Ion	Ratio	Lower	Upper
43	100		
86	0.0	8.2	12.4#

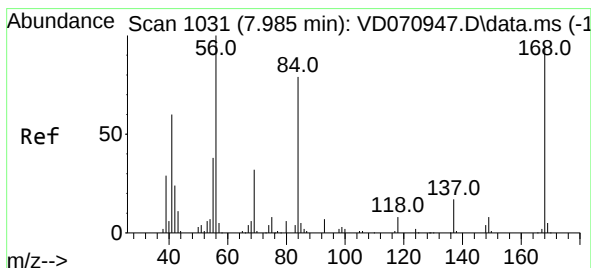
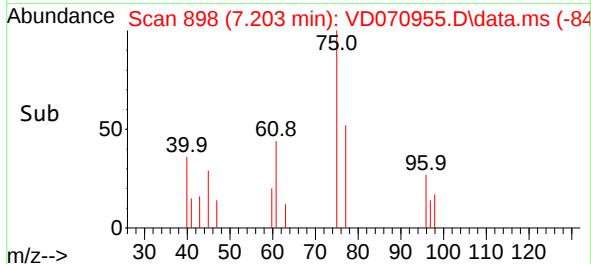
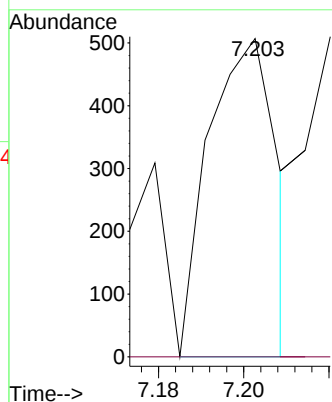
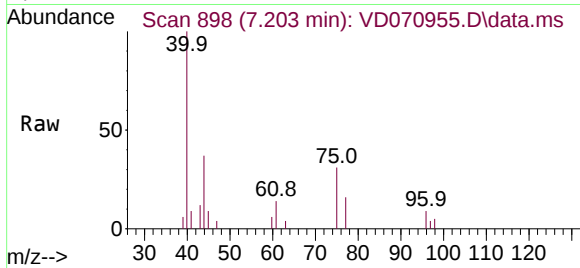




#25
2-Butanone
Concen: 20.711 ug/l
RT: 7.203 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD070955.D
Acq: 09 Nov 2021 17:45

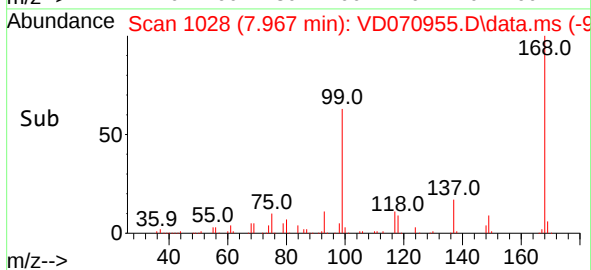
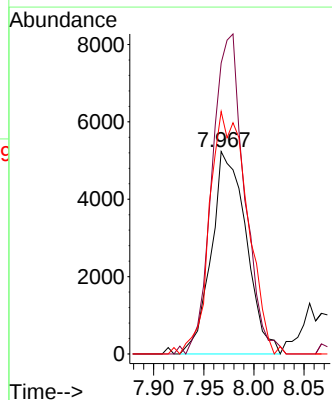
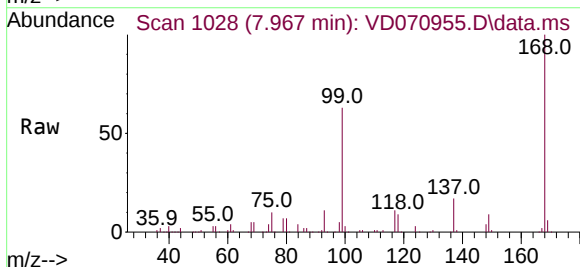
Instrument :
MSVOA_D
ClientSampleId :

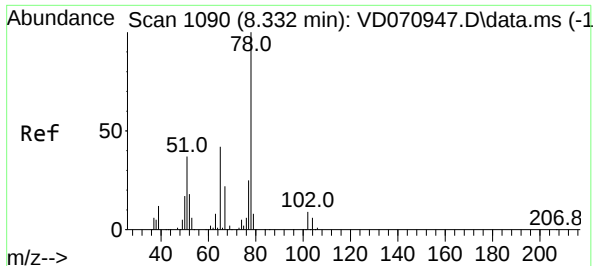
Tgt Ion: 43 Resp: 564
Ion Ratio Lower Upper
43 100
72 0.0 23.8 35.6#



#31
Cyclohexane
Concen: 1.418 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.018 min
Lab File: VD070955.D
Acq: 09 Nov 2021 17:45

Tgt Ion: 56 Resp: 12582
Ion Ratio Lower Upper
56 100
69 140.0 25.9 38.9#
84 119.8 64.3 96.5#





#33

1,2-Dichloroethane-d4

Concen: 48.489 ug/l

RT: 8.326 min Scan# 1108

Delta R.T. -0.006 min

Lab File: VD070955.D

Acq: 09 Nov 2021 17:45

Instrument :

MSVOA_D

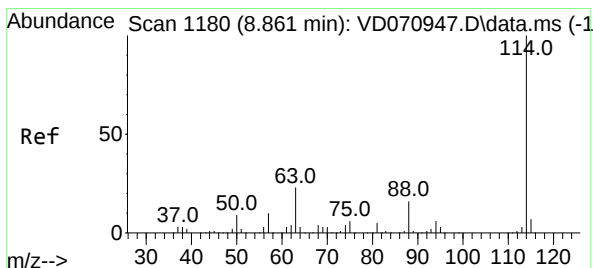
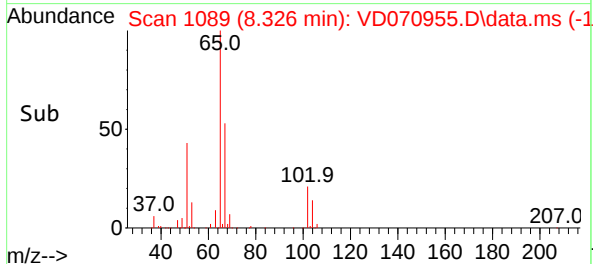
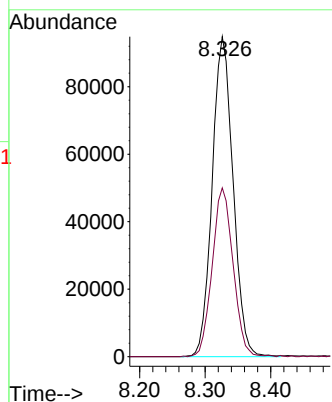
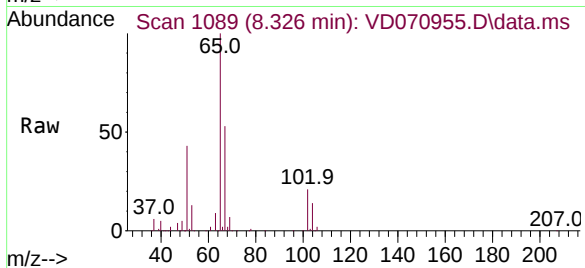
ClientSampleId :

Tgt Ion: 65 Resp: 209279

Ion Ratio Lower Upper

65 100

67 52.8 0.0 112.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD070955.D

Acq: 09 Nov 2021 17:45

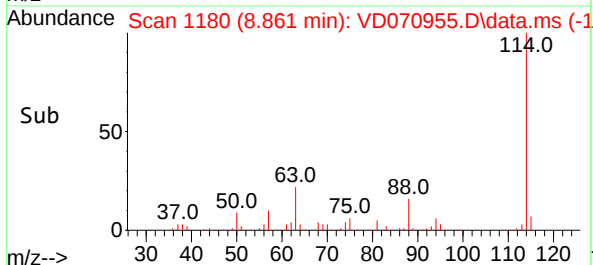
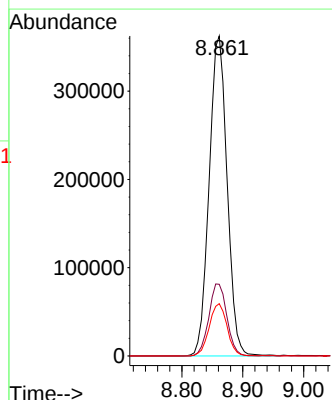
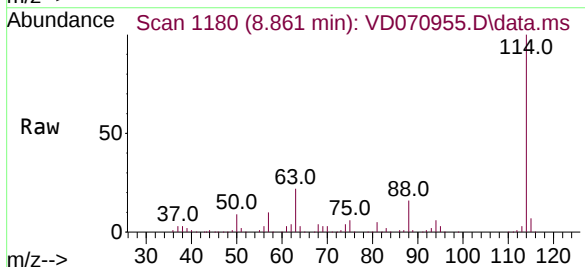
Tgt Ion: 114 Resp: 742928

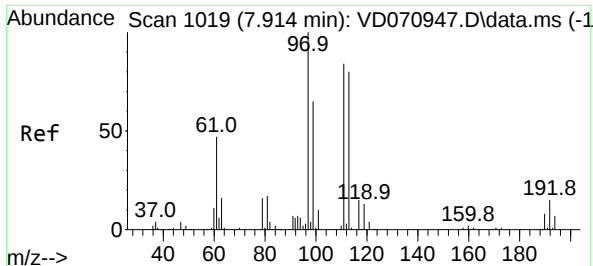
Ion Ratio Lower Upper

114 100

63 22.4 0.0 41.8

88 16.3 0.0 32.8





#35

Dibromofluoromethane

Concen: 52.324 ug/l

RT: 7.909 min Scan# 1

Delta R.T. -0.005 min

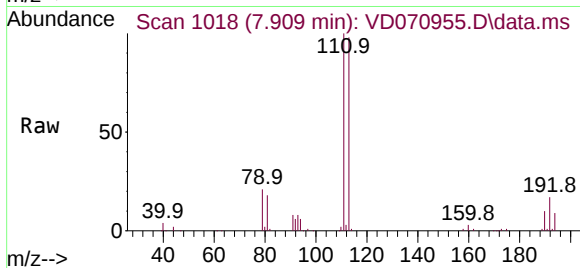
Lab File: VD070955.D

Acq: 09 Nov 2021 17:45

Instrument :

MSVOA_D

ClientSampleId :



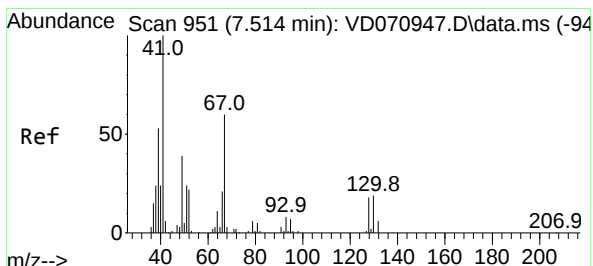
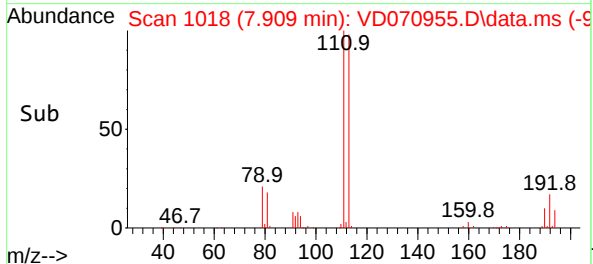
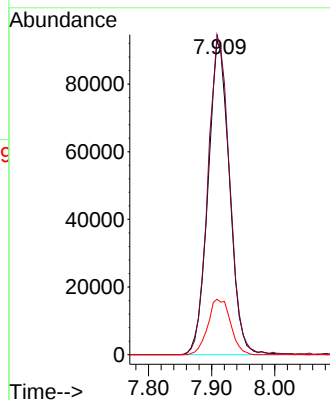
Tgt Ion:113 Resp: 219354

Ion Ratio Lower Upper

113 100

111 102.7 82.0 123.0

192 18.7 15.2 22.8



#41

Methacrylonitrile

Concen: 3.649 ug/l

RT: 7.514 min Scan# 951

Delta R.T. 0.000 min

Lab File: VD070955.D

Acq: 09 Nov 2021 17:45

Tgt Ion: 41 Resp: 342

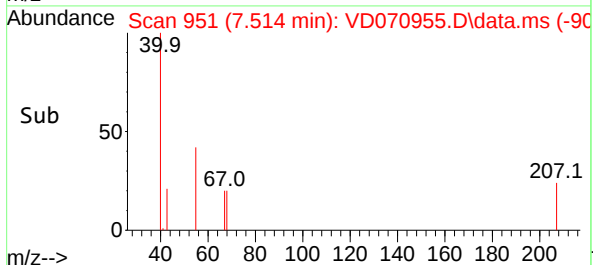
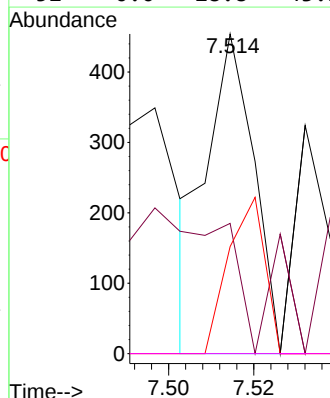
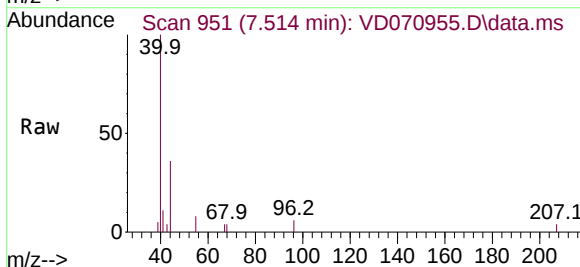
Ion Ratio Lower Upper

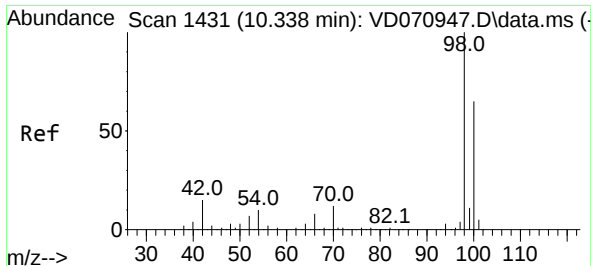
41 100

39 0.0 60.2 90.4#

67 38.6 74.8 112.2#

52 0.0 28.8 43.2#

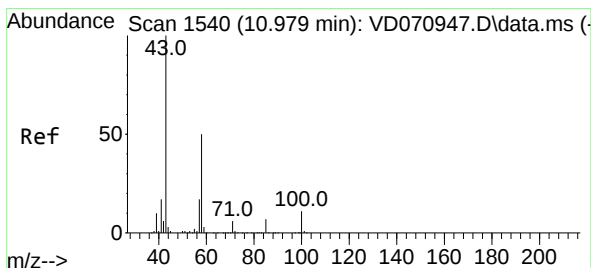
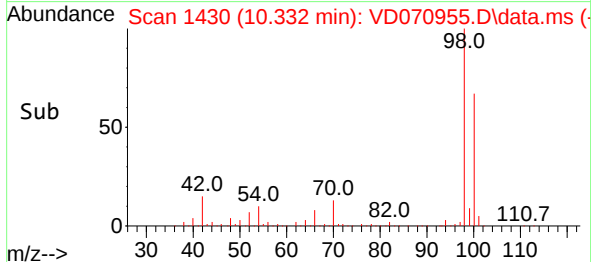
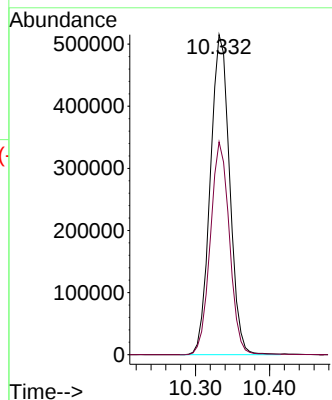
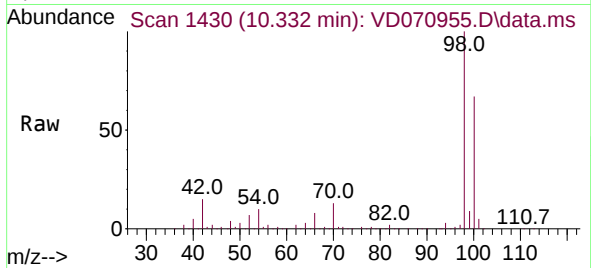




#50
Toluene-d8
Concen: 56.904 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD070955.D
Acq: 09 Nov 2021 17:45

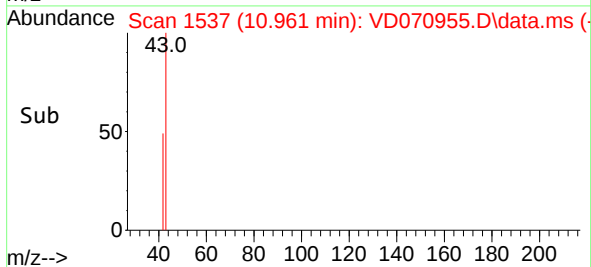
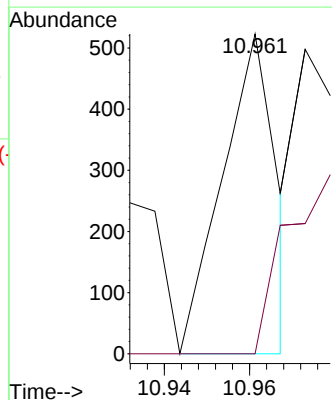
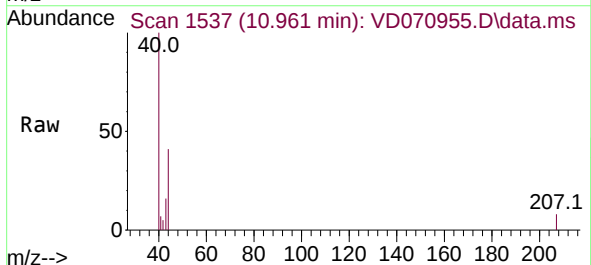
Instrument :
MSVOA_D
ClientSampleId :

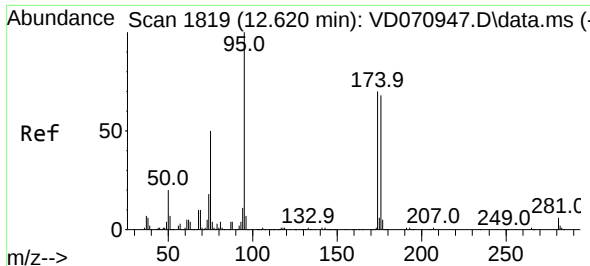
Tgt Ion: 98 Resp: 934233
Ion Ratio Lower Upper
98 100
100 65.7 51.8 77.6



#59
2-Hexanone
Concen: 16.112 ug/l
RT: 10.961 min Scan# 1537
Delta R.T. -0.018 min
Lab File: VD070955.D
Acq: 09 Nov 2021 17:45

Tgt Ion: 43 Resp: 459
Ion Ratio Lower Upper
43 100
58 0.0 28.7 86.1#

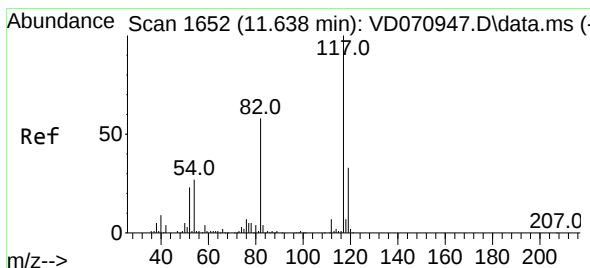
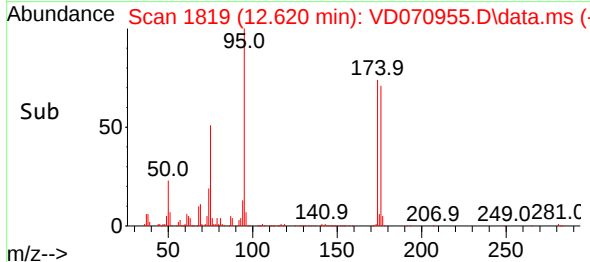
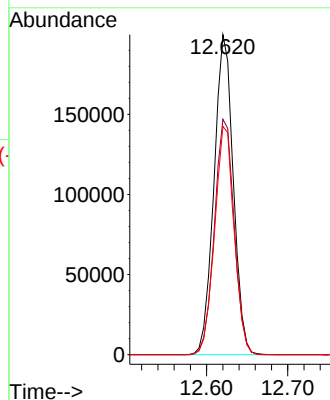
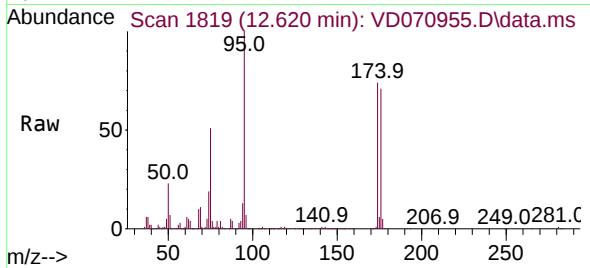




#62
4-Bromofluorobenzene
Concen: 55.649 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD070955.D
Acq: 09 Nov 2021 17:45

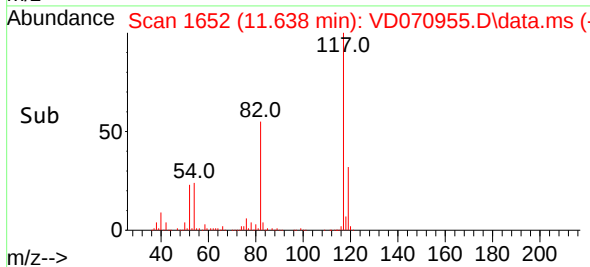
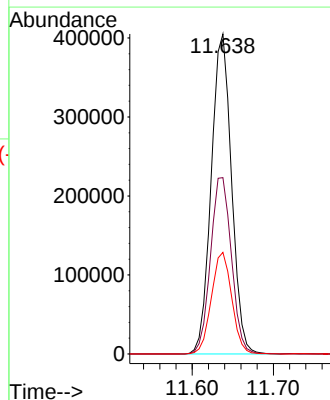
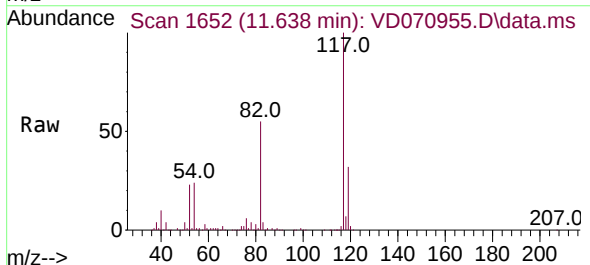
Instrument :
MSVOA_D
ClientSampleId :

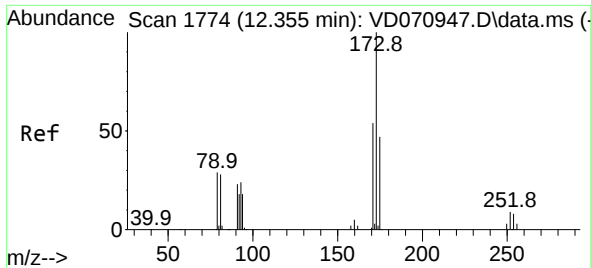
Tgt Ion: 95 Resp: 328961
Ion Ratio Lower Upper
95 100
174 75.5 0.0 159.4
176 72.5 0.0 154.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070955.D
Acq: 09 Nov 2021 17:45

Tgt Ion: 117 Resp: 703193
Ion Ratio Lower Upper
117 100
82 55.1 44.7 67.1
119 31.8 26.2 39.4

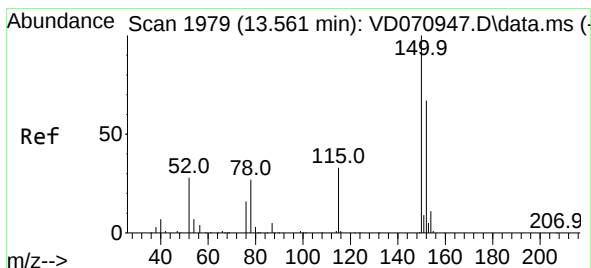
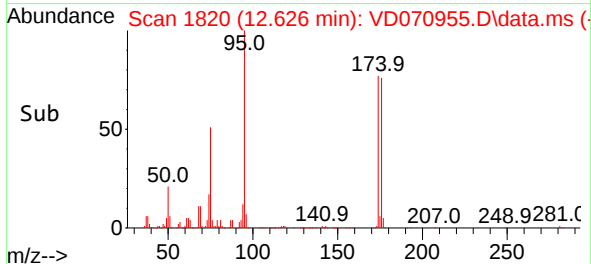
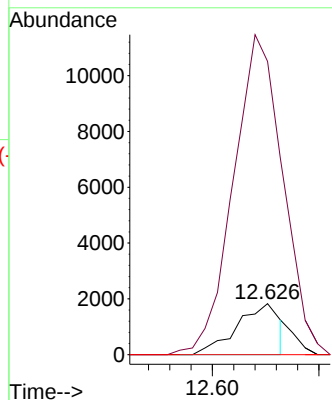
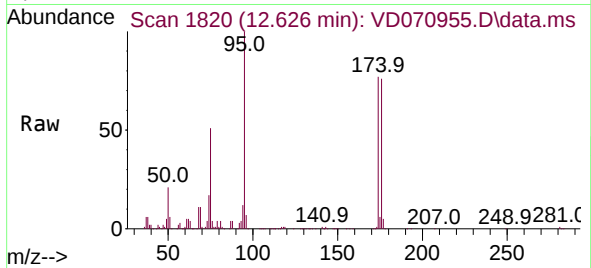




#71
Bromoform
Concen: 1.103 ug/l
RT: 12.626 min Scan# 1774
Delta R.T. 0.271 min
Lab File: VD070955.D
Acq: 09 Nov 2021 17:45

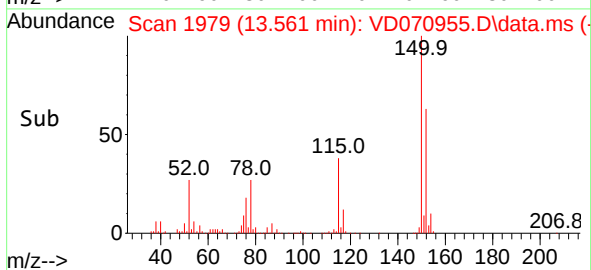
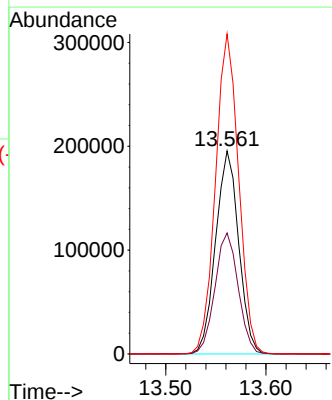
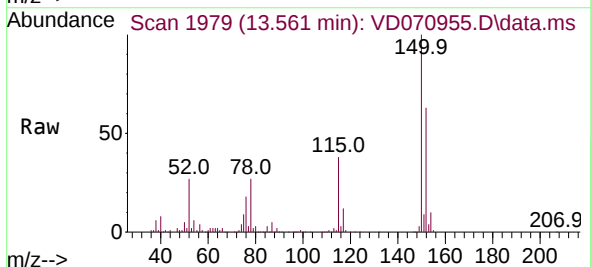
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:173 Resp: 2562
Ion Ratio Lower Upper
173 100
175 643.1 24.1 72.2#
254 0.0 0.1 0.1#

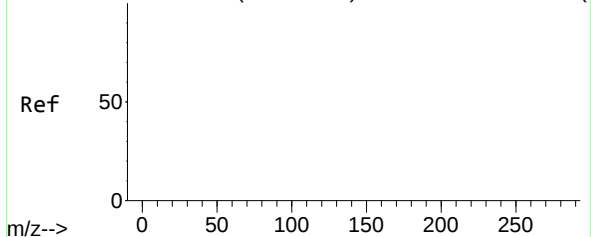


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD070955.D
Acq: 09 Nov 2021 17:45

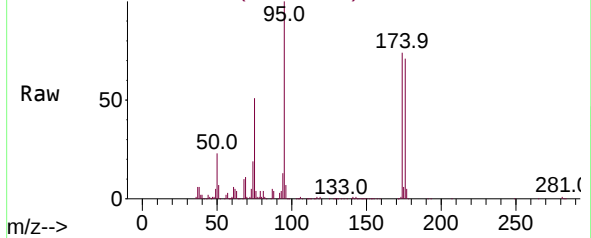
Tgt Ion:152 Resp: 311959
Ion Ratio Lower Upper
152 100
115 60.3 29.8 89.3
150 158.2 0.0 349.2



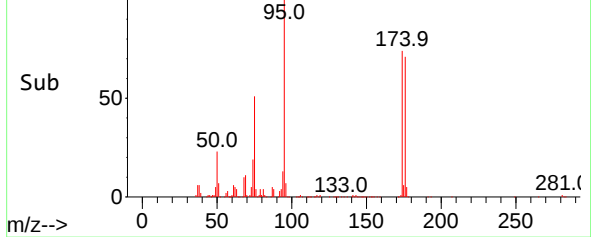
Abundance Scan 1847 (12.785 min): VD070947.D\data.ms (-



Abundance Scan 1819 (12.620 min): VD070955.D\data.ms (-



Abundance Scan 1819 (12.620 min): VD070955.D\data.ms (-



#76

1,2,3-Trichloropropane

Concen: 65.541 ug/l

RT: 12.620 min Scan# 1819

Delta R.T. -0.165 min

Lab File: VD070955.D

Acq: 09 Nov 2021 17:45

Instrument :

MSVOA_D

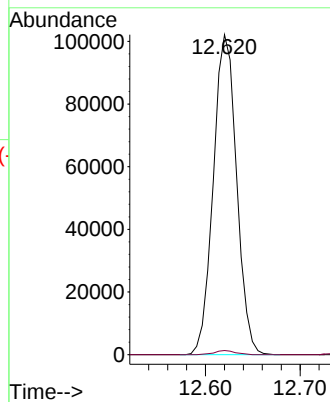
ClientSampleId :

Tgt Ion: 75 Resp: 174651

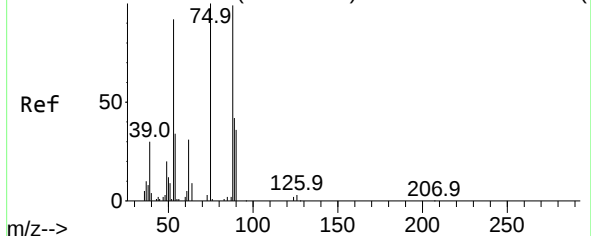
Ion Ratio Lower Upper

75 100

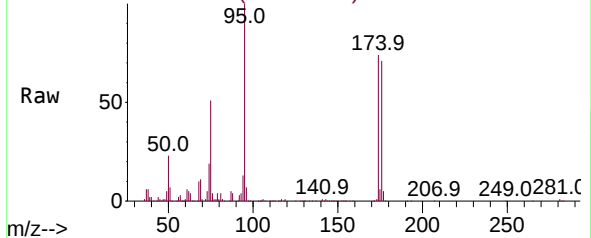
77 1.2 158.4 475.3#



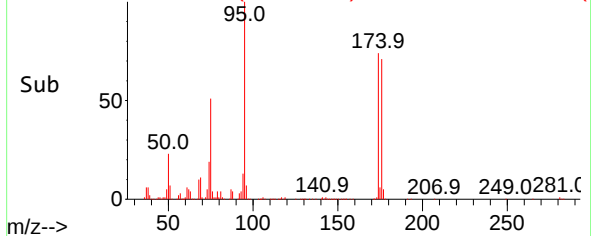
Abundance Scan 1801 (12.514 min): VD070947.D\data.ms (-



Abundance Scan 1819 (12.620 min): VD070955.D\data.ms (-



Abundance Scan 1819 (12.620 min): VD070955.D\data.ms (-



#81

trans-1,4-Dichloro-2-butene

Concen: 121.136 ug/l

RT: 12.620 min Scan# 1819

Delta R.T. 0.106 min

Lab File: VD070955.D

Acq: 09 Nov 2021 17:45

Tgt Ion: 75 Resp: 174651

Ion Ratio Lower Upper

75 100

53 0.0 62.6 94.0#

89 0.0 34.5 51.7#

