

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111121\
 Data File : VD070995.D
 Acq On : 11 Nov 2021 16:55
 Operator : VA/SY
 Sample : M4635-03
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 12 08:02:48 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)

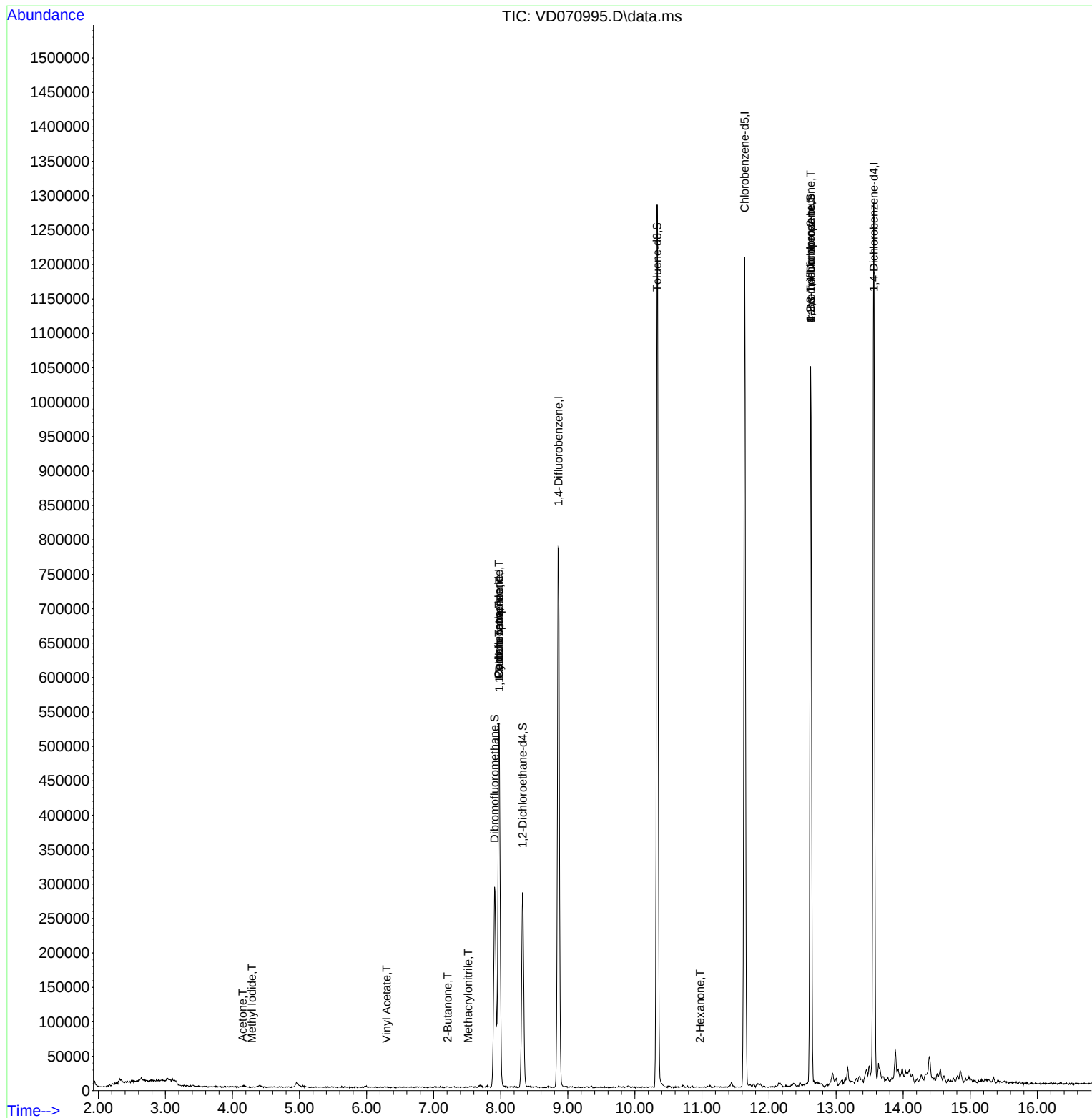
Internal Standards						
1) Pentafluorobenzene	7.973	168	377922	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	663844	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	652256	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	312823	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	217702	54.104	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.200%	
35) Dibromofluoromethane	7.909	113	204149	54.499	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.000%	
50) Toluene-d8	10.332	98	849347	57.897	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 115.800%	
62) 4-Bromofluorobenzene	12.620	95	321124	60.795	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 121.580%	
Target Compounds						Qvalue
10) Methyl Iodide	4.291	142	57	6.033	ug/l #	40
13) Acrolein	3.926	56	71	Below Cal	#	53
16) Acetone	4.150	43	3823	23.036	ug/l #	84
23) Vinyl Acetate	6.297	43	79	20.992	ug/l #	72
25) 2-Butanone	7.209	43	715	20.835	ug/l #	45
31) Cyclohexane	7.973	56	10246	1.238	ug/l #	12
36) 1,1-Dichloropropene	7.979	75	32876	5.547	ug/l #	49
38) Carbon Tetrachloride	7.973	117	40426	7.406	ug/l #	16
41) Methacrylonitrile	7.514	41	89	3.548	ug/l #	40
59) 2-Hexanone	10.973	43	209	16.025	ug/l #	22
76) 1,2,3-Trichloropropane	12.620	75	171745	64.272	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.620	75	171745	118.857	ug/l #	18

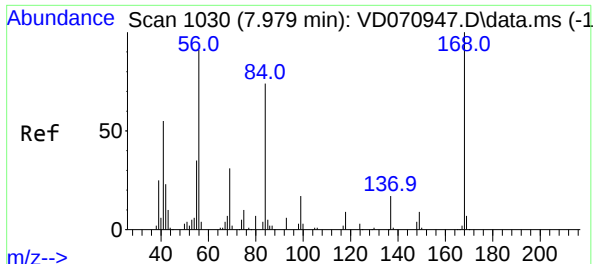
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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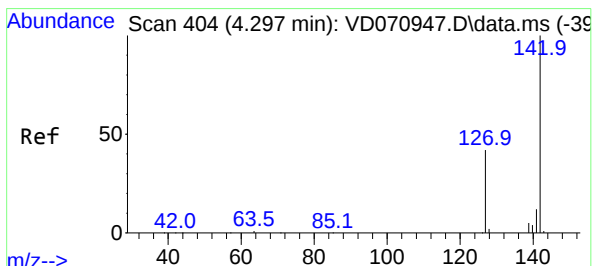
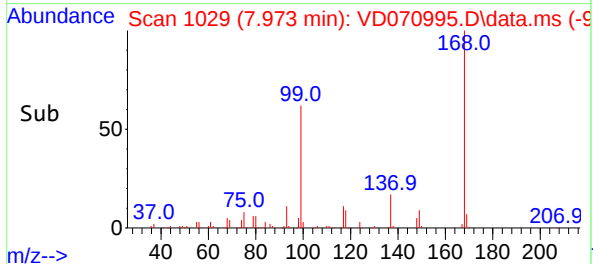
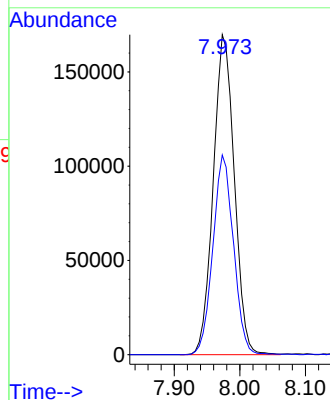
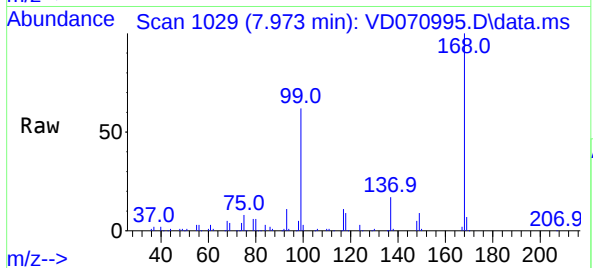




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 10
Delta R.T. -0.006 min
Lab File: VD070995.D
Acq: 11 Nov 2021 16:55

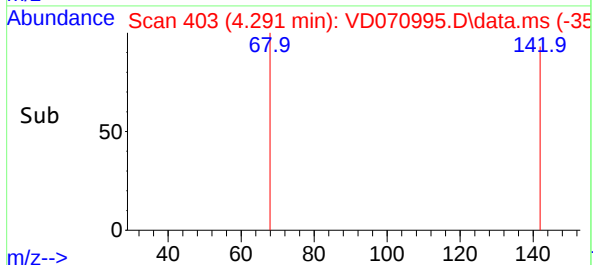
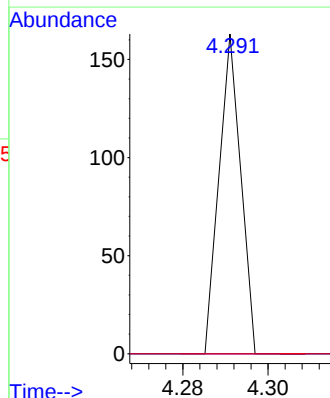
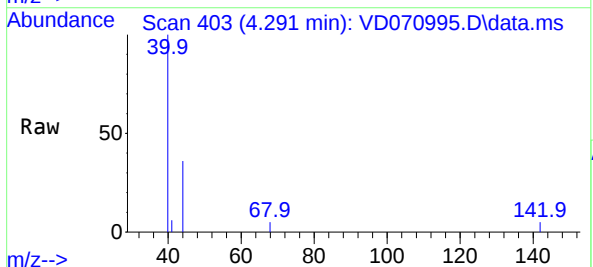
Instrument :
MSVOA_D
ClientSampleId :

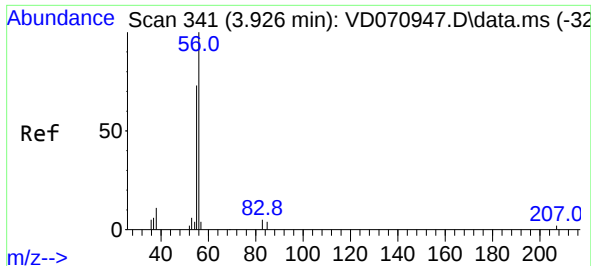
Tgt Ion:168 Resp: 377922
Ion Ratio Lower Upper
168 100
99 62.4 46.6 69.8



#10
Methyl Iodide
Concen: 6.033 ug/l
RT: 4.291 min Scan# 403
Delta R.T. -0.006 min
Lab File: VD070995.D
Acq: 11 Nov 2021 16:55

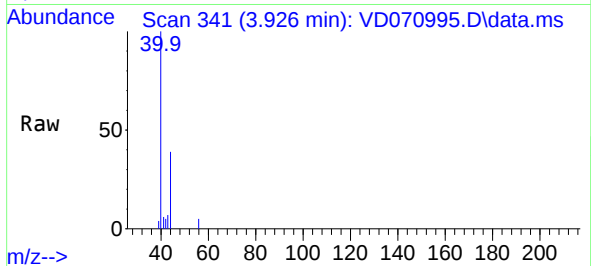
Tgt Ion:142 Resp: 57
Ion Ratio Lower Upper
142 100
127 0.0 35.0 52.4#
141 0.0 12.0 18.0#



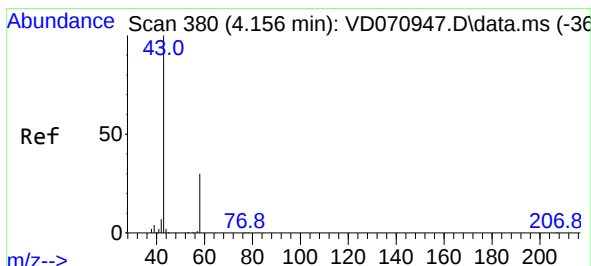
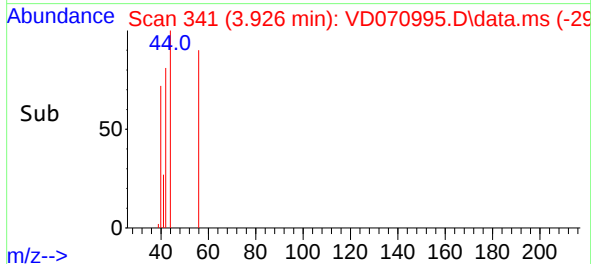
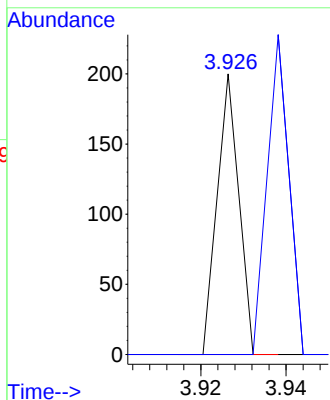


#13
Acrolein
Concen: Below Cal
RT: 3.926 min Scan# 341
Delta R.T. 0.000 min
Lab File: VD070995.D
Acq: 11 Nov 2021 16:55

Instrument :
MSVOA_D
ClientSampleId :

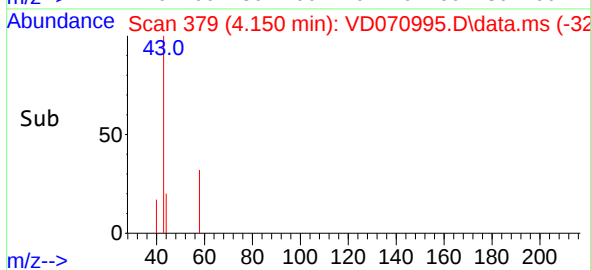
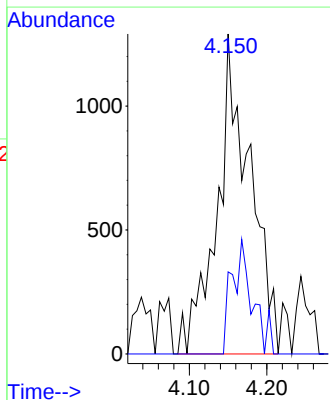
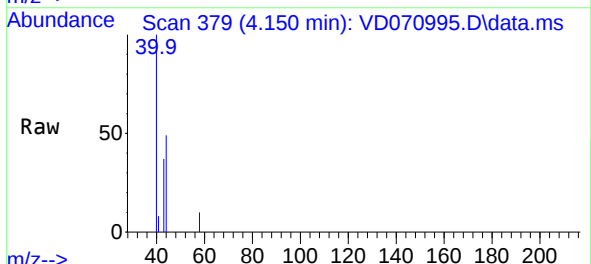


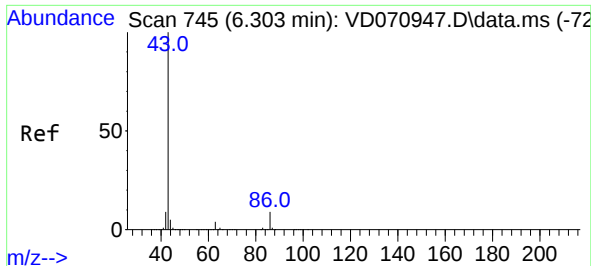
Tgt Ion: 56 Resp: 71
Ion Ratio Lower Upper
56 100
55 112.7 58.6 87.8#



#16
Acetone
Concen: 23.036 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD070995.D
Acq: 11 Nov 2021 16:55

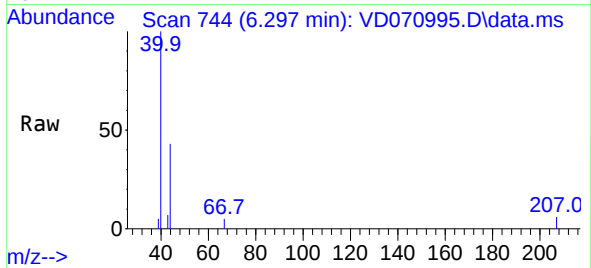
Tgt Ion: 43 Resp: 3823
Ion Ratio Lower Upper
43 100
58 25.6 27.8 41.8#



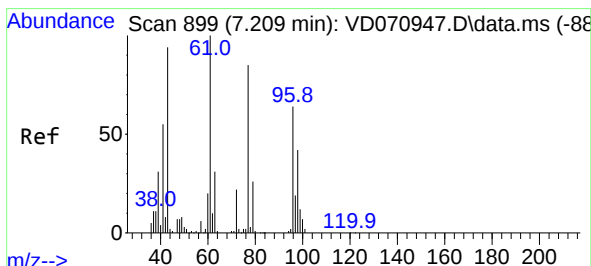
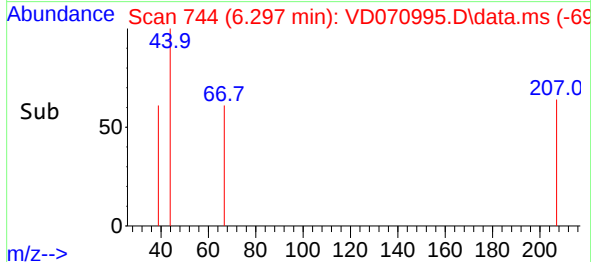
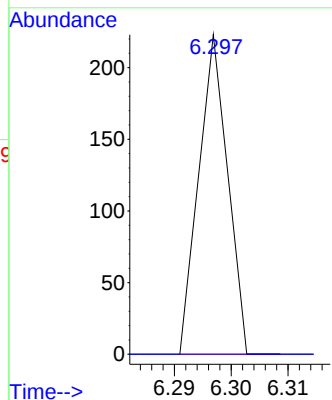


#23
 Vinyl Acetate
 Concen: 20.992 ug/l
 RT: 6.297 min Scan# 745
 Delta R.T. -0.006 min
 Lab File: VD070995.D
 Acq: 11 Nov 2021 16:55

Instrument :
 MSVOA_D
 ClientSampleId :

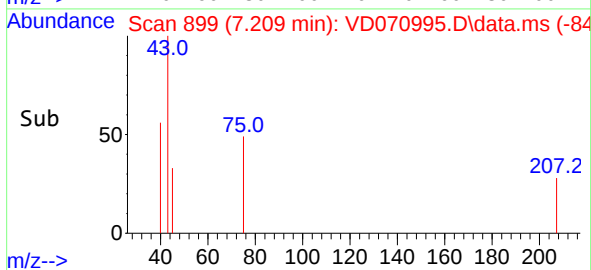
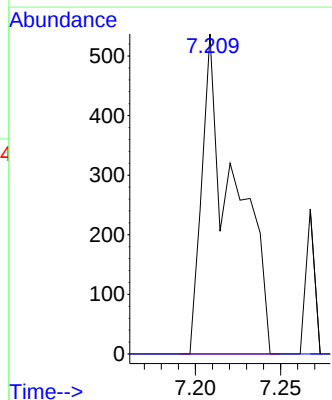
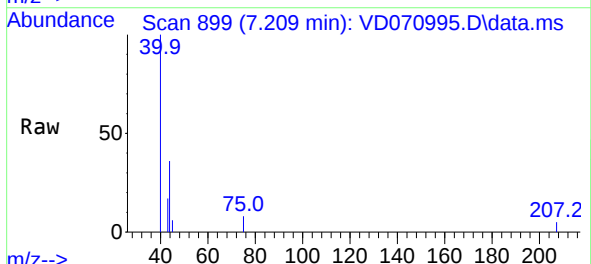


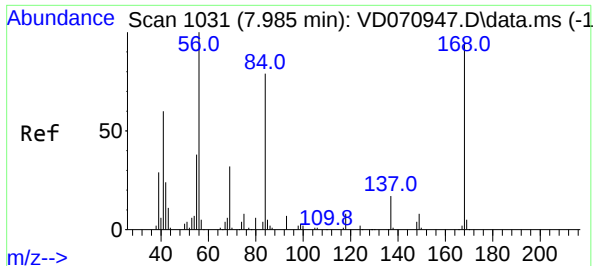
Tgt Ion: 43 Resp: 79
 Ion Ratio Lower Upper
 43 100
 86 0.0 8.2 12.4#



#25
 2-Butanone
 Concen: 20.835 ug/l
 RT: 7.209 min Scan# 899
 Delta R.T. -0.000 min
 Lab File: VD070995.D
 Acq: 11 Nov 2021 16:55

Tgt Ion: 43 Resp: 715
 Ion Ratio Lower Upper
 43 100
 72 0.0 23.8 35.6#





#31

Cyclohexane

Concen: 1.238 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.012 min

Lab File: VD070995.D

Acq: 11 Nov 2021 16:55

Instrument :

MSVOA_D

ClientSampleId :

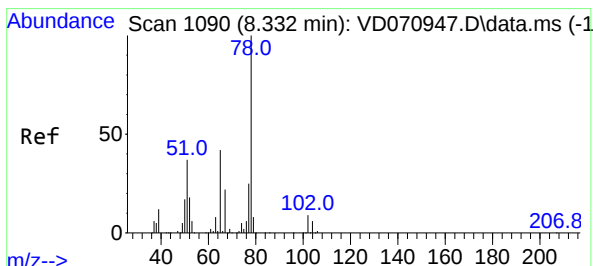
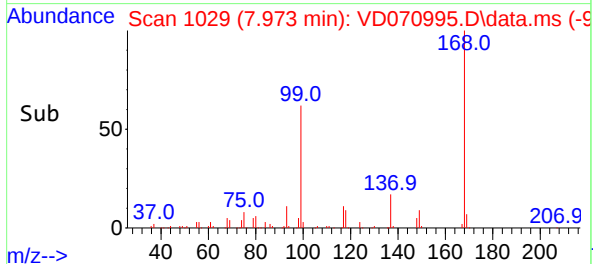
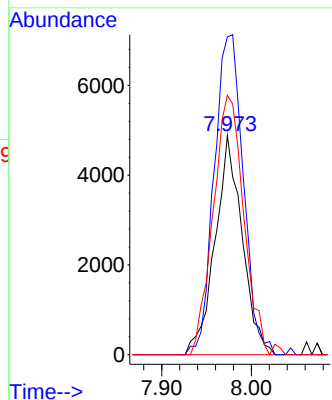
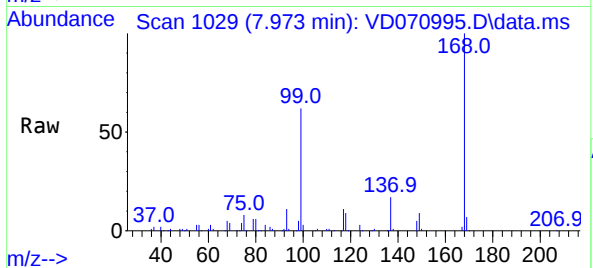
Tgt Ion: 56 Resp: 10246

Ion Ratio Lower Upper

56 100

69 144.9 25.9 38.9#

84 118.2 64.3 96.5#



#33

1,2-Dichloroethane-d4

Concen: 54.104 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.006 min

Lab File: VD070995.D

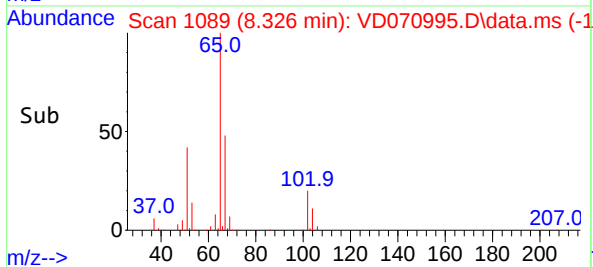
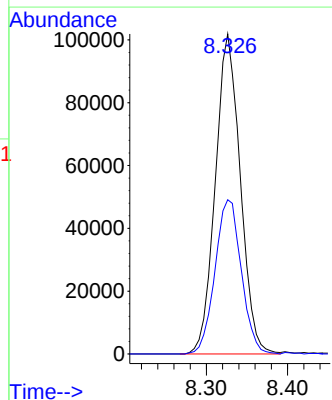
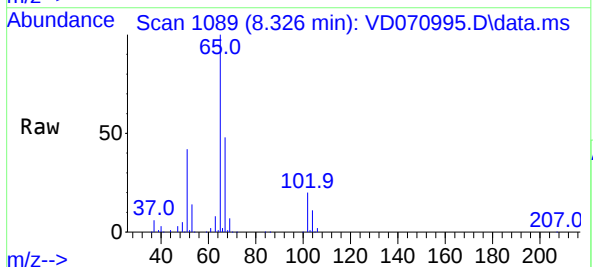
Acq: 11 Nov 2021 16:55

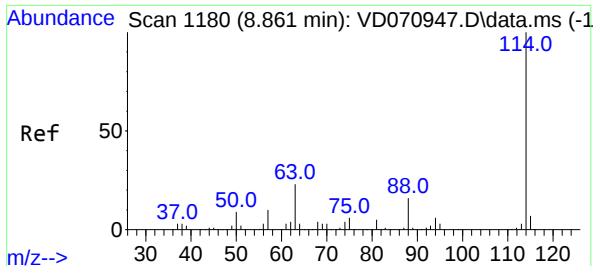
Tgt Ion: 65 Resp: 217702

Ion Ratio Lower Upper

65 100

67 50.7 0.0 112.2

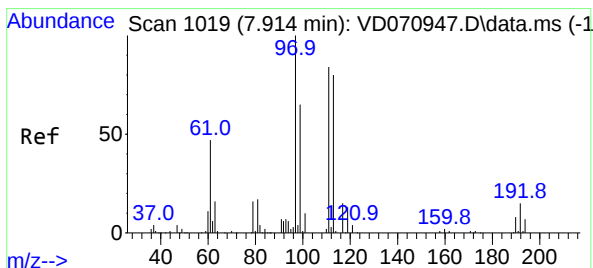
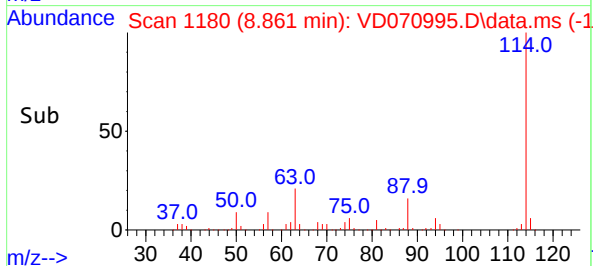
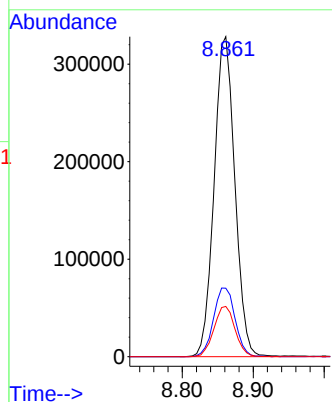
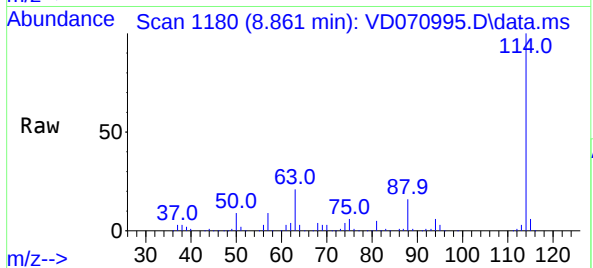




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070995.D
Acq: 11 Nov 2021 16:55

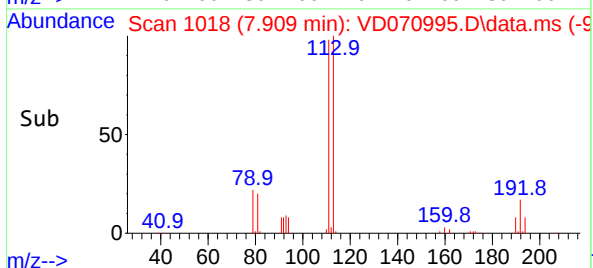
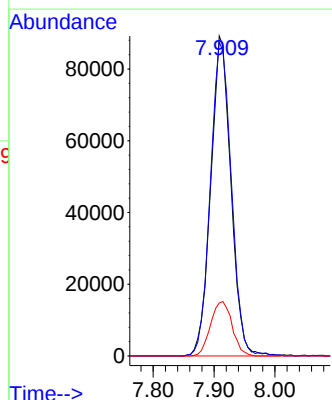
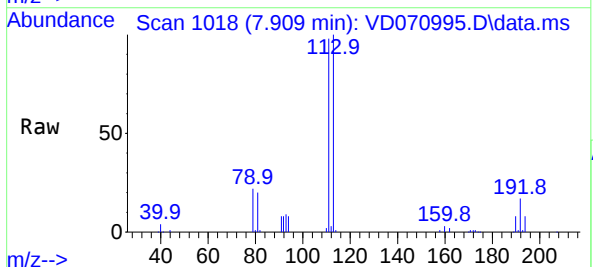
Instrument :
MSVOA_D
ClientSampleId :

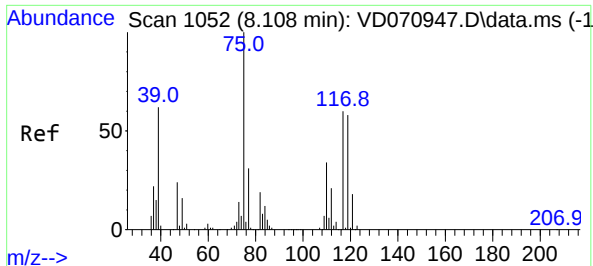
Tgt Ion:114 Resp: 663844
Ion Ratio Lower Upper
114 100
63 21.4 0.0 41.8
88 15.7 0.0 32.8



#35
Dibromofluoromethane
Concen: 54.499 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.005 min
Lab File: VD070995.D
Acq: 11 Nov 2021 16:55

Tgt Ion:113 Resp: 204149
Ion Ratio Lower Upper
113 100
111 102.4 82.0 123.0
192 18.2 15.2 22.8





#36

1,1-Dichloropropene

Concen: 5.547 ug/l

RT: 7.979 min Scan# 1029

Delta R.T. -0.129 min

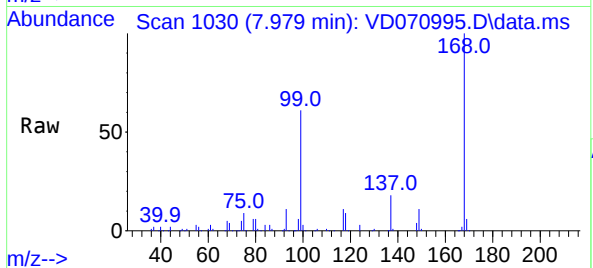
Lab File: VD070995.D

Acq: 11 Nov 2021 16:55

Instrument :

MSVOA_D

ClientSampleId :



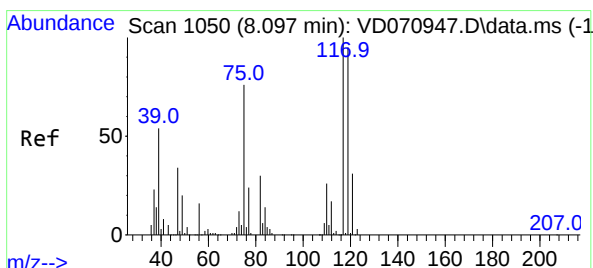
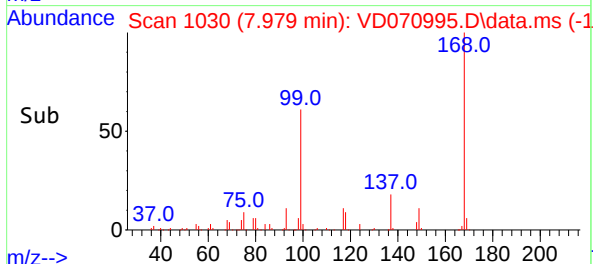
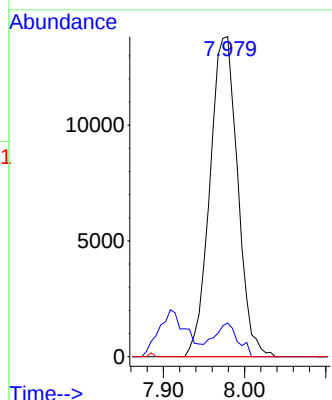
Tgt Ion: 75 Resp: 32876

Ion Ratio Lower Upper

75 100

110 9.0 17.8 53.4#

77 0.0 24.8 37.2#



#38

Carbon Tetrachloride

Concen: 7.406 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.124 min

Lab File: VD070995.D

Acq: 11 Nov 2021 16:55

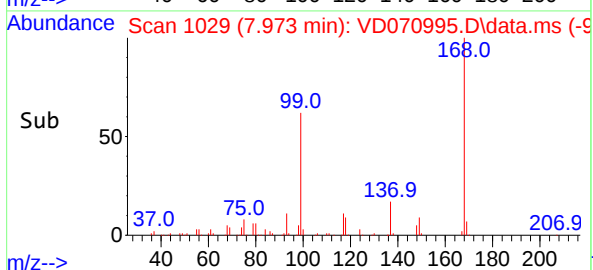
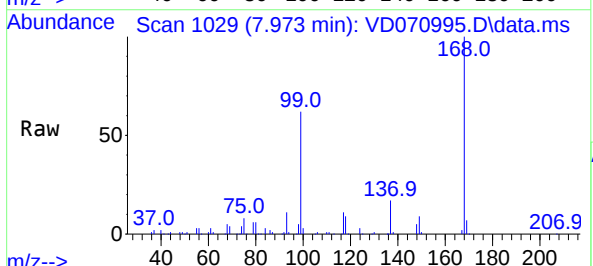
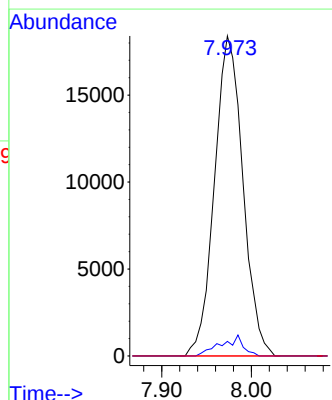
Tgt Ion: 117 Resp: 40426

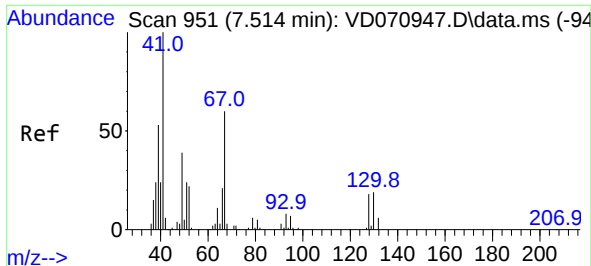
Ion Ratio Lower Upper

117 100

119 4.6 75.8 113.6#

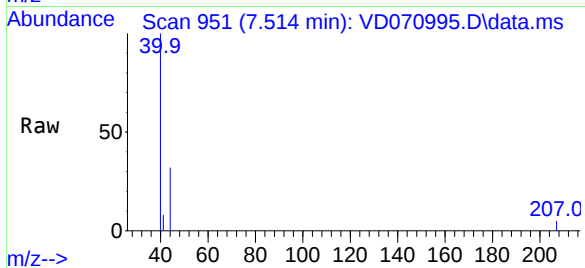
121 0.0 23.6 35.4#





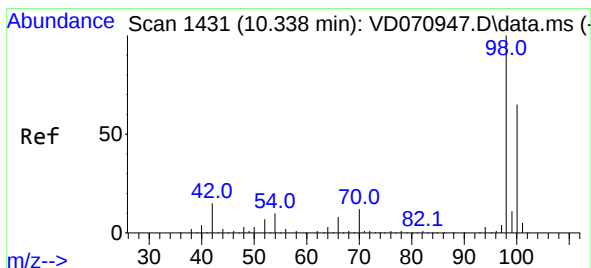
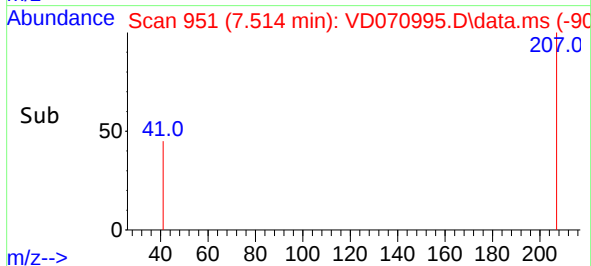
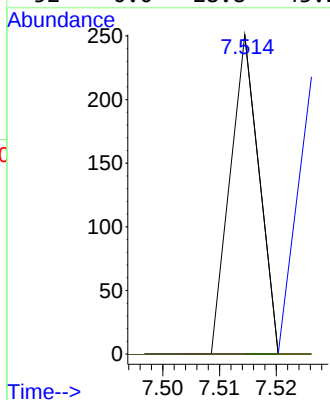
#41
Methacrylonitrile
Concen: 3.548 ug/l
RT: 7.514 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD070995.D
Acq: 11 Nov 2021 16:55

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 41 Resp: 89

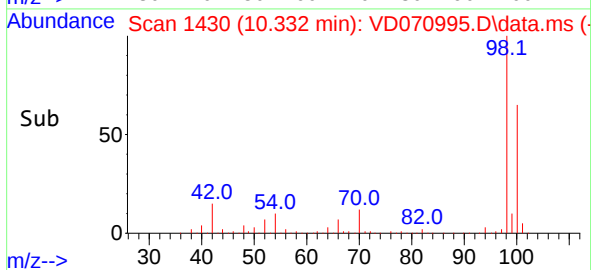
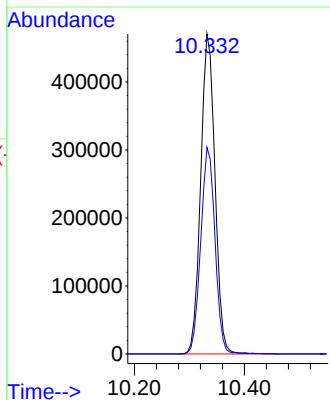
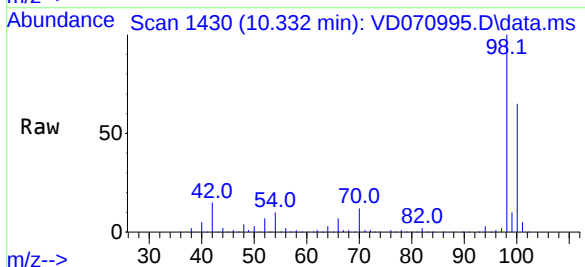
Ion	Ratio	Lower	Upper
41	100		
39	86.5	60.2	90.4
67	0.0	74.8	112.2#
52	0.0	28.8	43.2#

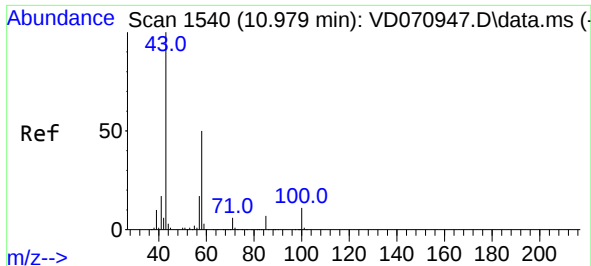


#50
Toluene-d8
Concen: 57.897 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD070995.D
Acq: 11 Nov 2021 16:55

Tgt Ion: 98 Resp: 849347

Ion	Ratio	Lower	Upper
98	100		
100	64.5	51.8	77.6

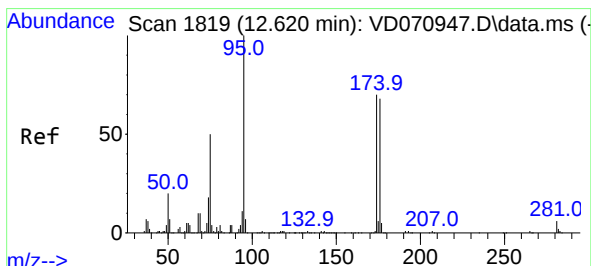
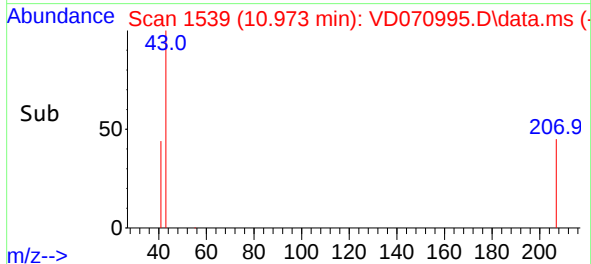
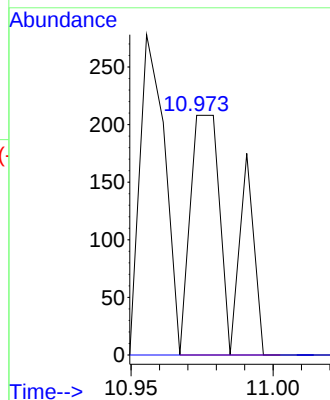
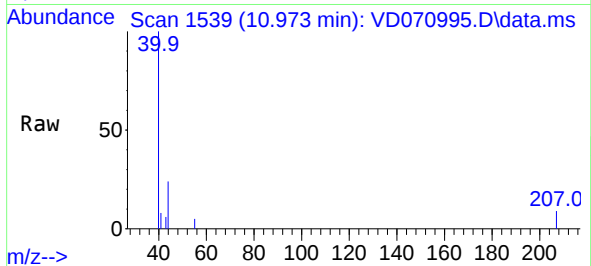




#59
2-Hexanone
Concen: 16.025 ug/l
RT: 10.973 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD070995.D
Acq: 11 Nov 2021 16:55

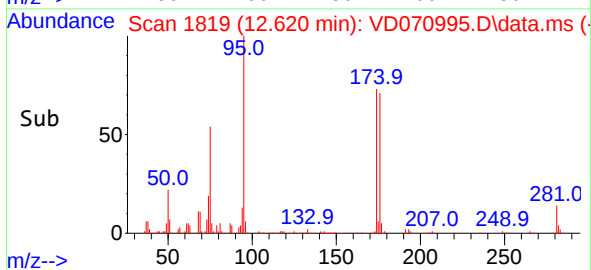
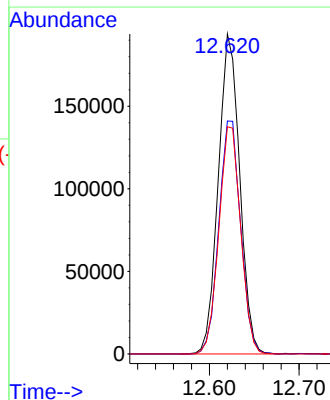
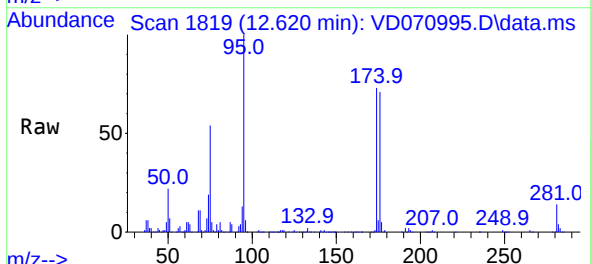
Instrument :
MSVOA_D
ClientSampleId :

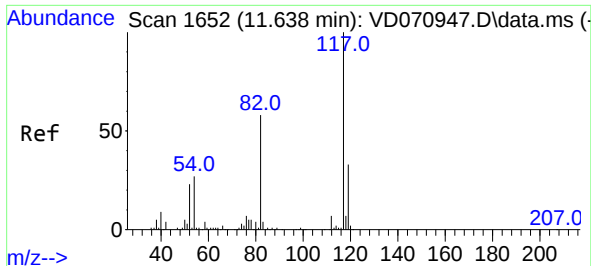
Tgt Ion: 43 Resp: 209
Ion Ratio Lower Upper
43 100
58 0.0 28.7 86.1#



#62
4-Bromofluorobenzene
Concen: 60.795 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD070995.D
Acq: 11 Nov 2021 16:55

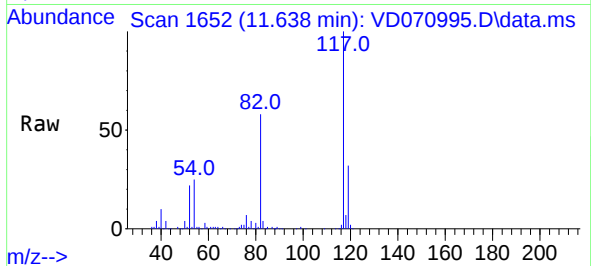
Tgt Ion: 95 Resp: 321124
Ion Ratio Lower Upper
95 100
174 74.2 0.0 159.4
176 72.3 0.0 154.0



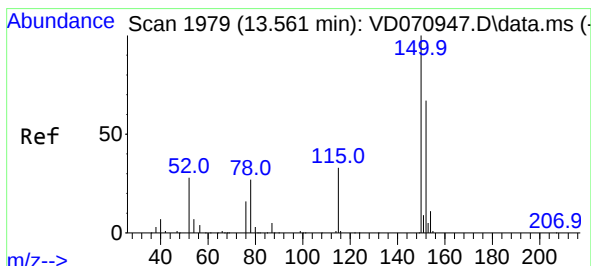
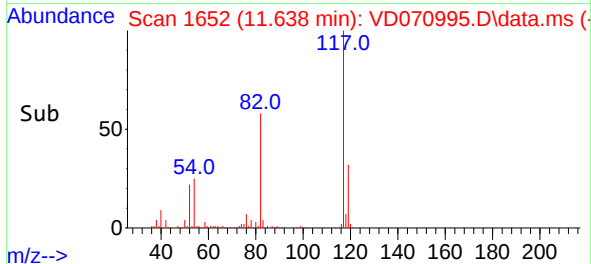
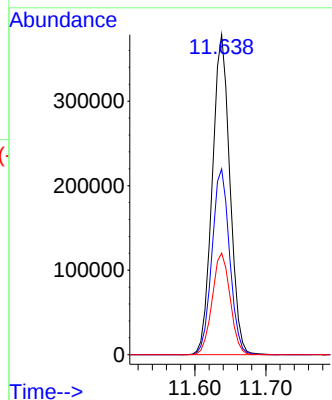


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD070995.D
Acq: 11 Nov 2021 16:55

Instrument :
MSVOA_D
ClientSampleId :

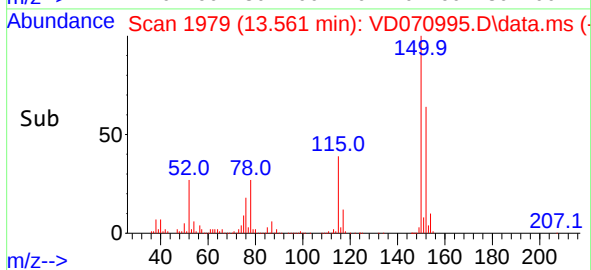
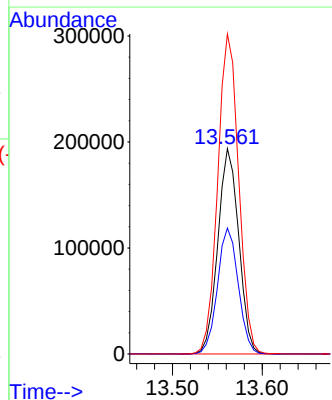
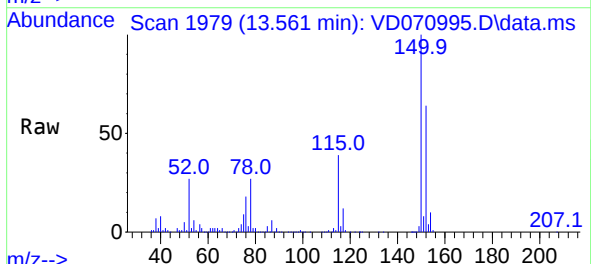


Tgt Ion:117 Resp: 652256
Ion Ratio Lower Upper
117 100
82 58.0 44.7 67.1
119 31.8 26.2 39.4

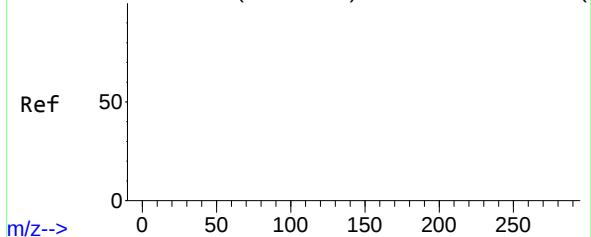


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD070995.D
Acq: 11 Nov 2021 16:55

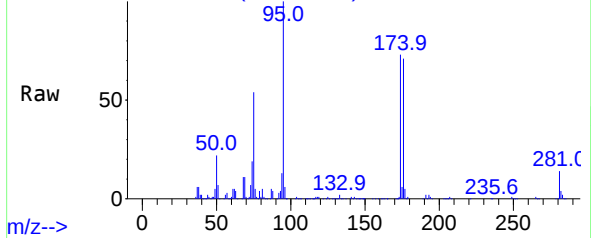
Tgt Ion:152 Resp: 312823
Ion Ratio Lower Upper
152 100
115 61.0 29.8 89.3
150 156.2 0.0 349.2



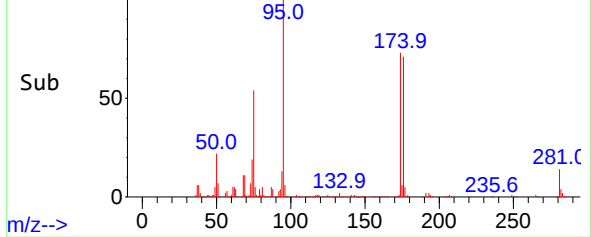
Abundance Scan 1847 (12.785 min): VD070947.D\data.ms (-



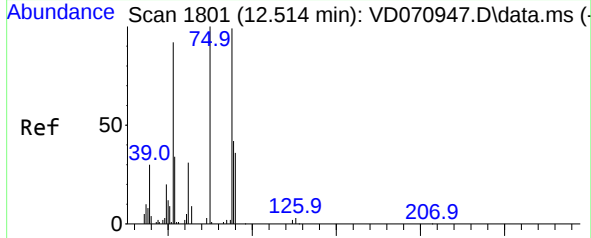
Abundance Scan 1819 (12.620 min): VD070995.D\data.ms (-



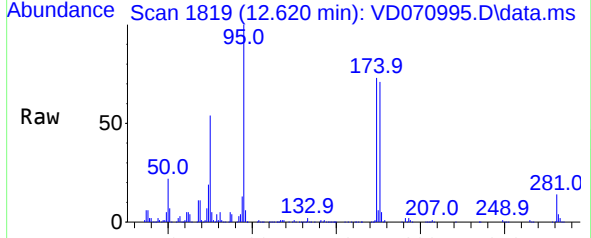
Abundance Scan 1819 (12.620 min): VD070995.D\data.ms (-



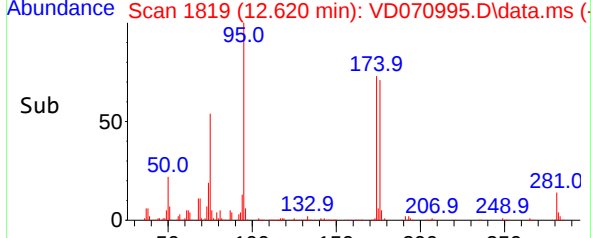
Abundance Scan 1801 (12.514 min): VD070947.D\data.ms (-



Abundance Scan 1819 (12.620 min): VD070995.D\data.ms (-



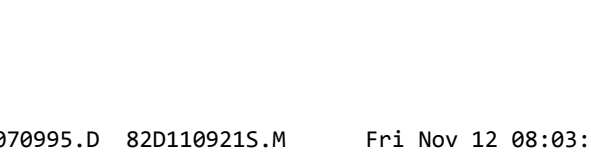
Abundance Scan 1819 (12.620 min): VD070995.D\data.ms (-



Abundance Scan 1819 (12.620 min): VD070995.D\data.ms (-



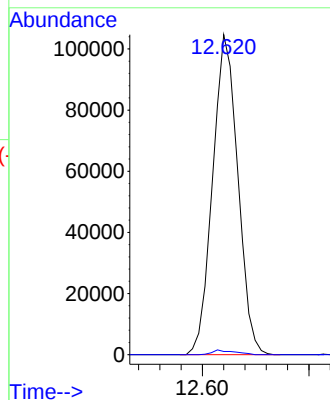
Abundance Scan 1819 (12.620 min): VD070995.D\data.ms (-



#76
1,2,3-Trichloropropane
Concen: 64.272 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.165 min
Lab File: VD070995.D
Acq: 11 Nov 2021 16:55

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 171745
Ion Ratio Lower Upper
75 100
77 1.3 158.4 475.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 118.857 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD070995.D
Acq: 11 Nov 2021 16:55

Tgt Ion: 75 Resp: 171745
Ion Ratio Lower Upper
75 100
53 0.0 62.6 94.0#
89 0.2 34.5 51.7#

