

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111921\
 Data File : VD071050.D
 Acq On : 19 Nov 2021 11:53
 Operator : VA/SY
 Sample : VD1119SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 22 02:52:02 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)

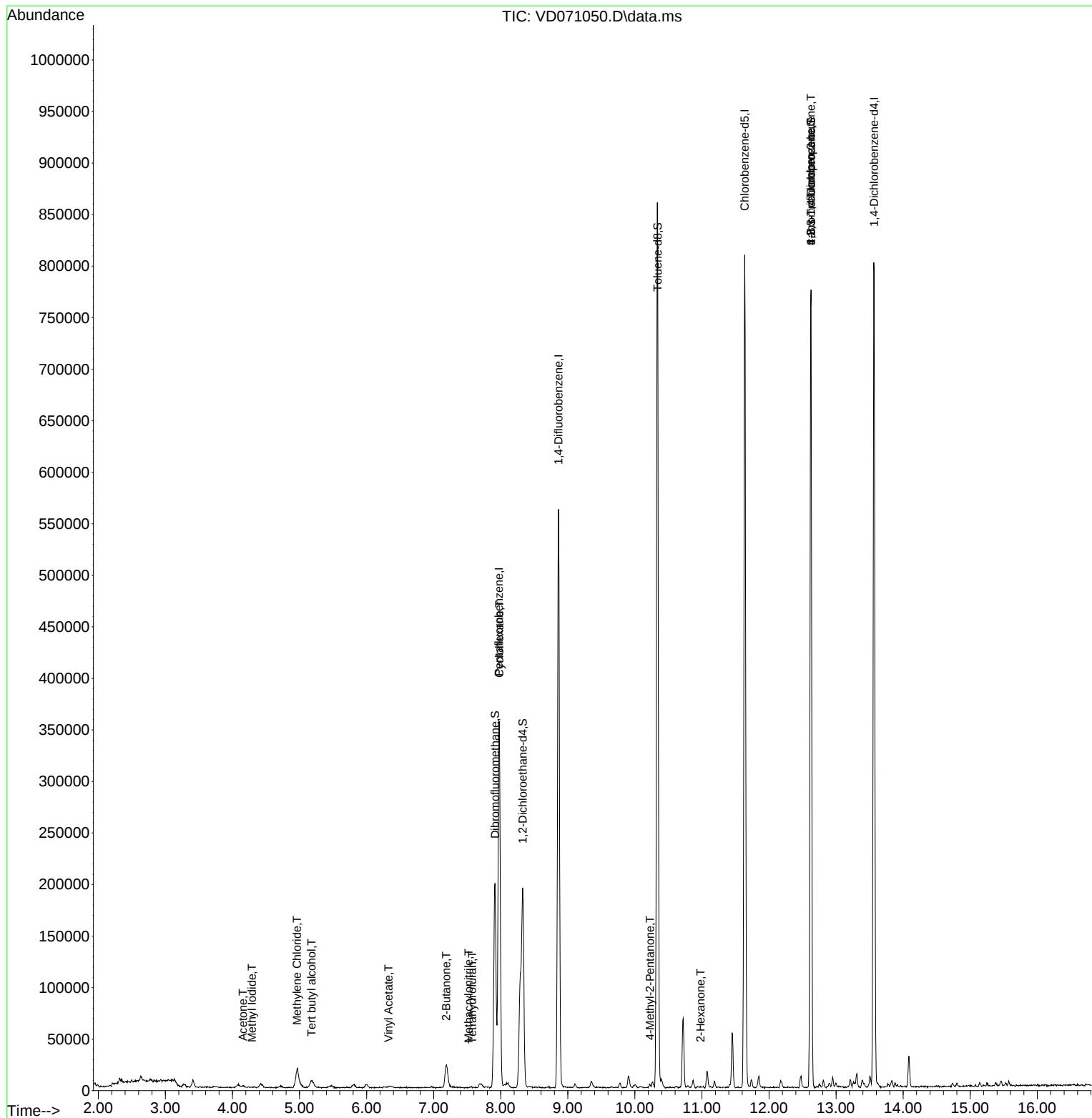
Internal Standards						
1) Pentafluorobenzene	7.973	168	255579	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	450658	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	437854	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	202745	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	144114	52.960	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.920%			
35) Dibromofluoromethane	7.914	113	139367	54.805	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.600%			
50) Toluene-d8	10.338	98	563470	56.580	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 113.160%			
62) 4-Bromofluorobenzene	12.626	95	210537	58.714	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 117.420%			
Target Compounds						Qvalue
10) Methyl Iodide	4.291	142	577	6.193	ug/l #	55
11) Tert butyl alcohol	5.179	59	4618	23.221	ug/l #	71
16) Acetone	4.156	43	3764	24.512	ug/l #	40
20) Methylene Chloride	4.962	84	12604	3.681	ug/l #	92
23) Vinyl Acetate	6.326	43	1474	21.234	ug/l #	72
25) 2-Butanone	7.185	43	2113	22.411	ug/l #	45
29) Tetrahydrofuran	7.573	42	584	1.056	ug/l #	42
31) Cyclohexane	7.979	56	9222	1.648	ug/l #	26
41) Methacrylonitrile	7.520	41	211	3.651	ug/l #	12
51) 4-Methyl-2-Pentanone	10.226	43	2225	1.181	ug/l #	77
59) 2-Hexanone	10.979	43	822	16.457	ug/l #	57
76) 1,2,3-Trichloropropane	12.626	75	118408	68.371	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	118408	126.222	ug/l #	19

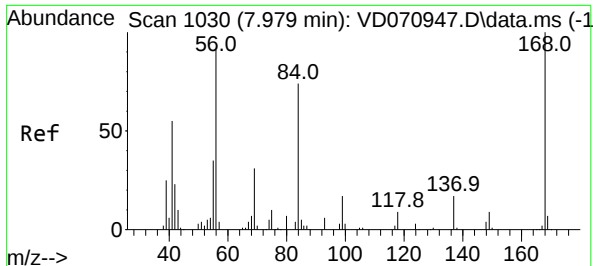
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111921\
Data File : VD071050.D
Acq On : 19 Nov 2021 11:53
Operator : VA/SY
Sample : VD1119SBL01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

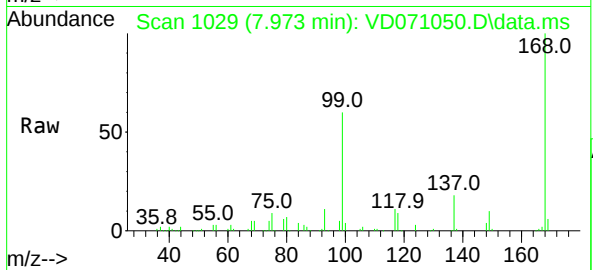
Quant Time: Nov 22 02:52:02 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110921S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 10 03:55:51 2021
Response via : Initial Calibration



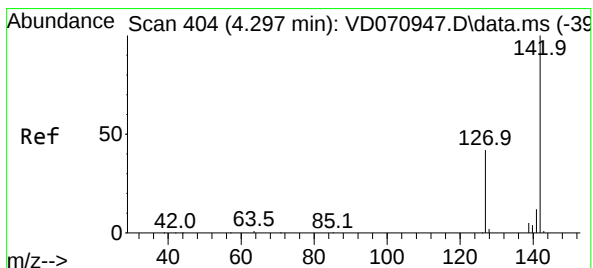
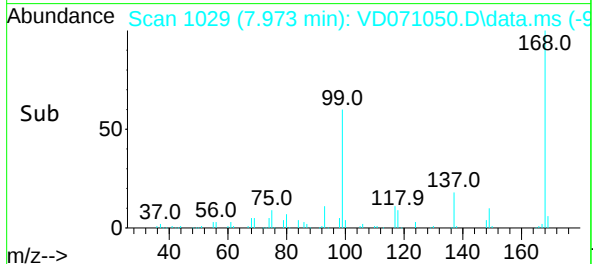
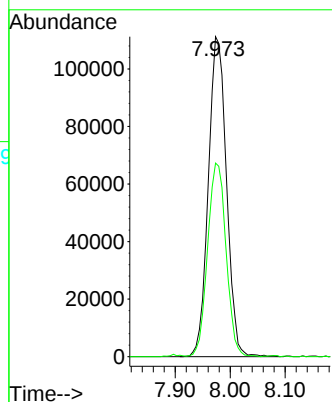


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 10
Delta R.T. -0.006 min
Lab File: VD071050.D
Acq: 19 Nov 2021 11:53

Instrument :
MSVOA_D
ClientSampleId :

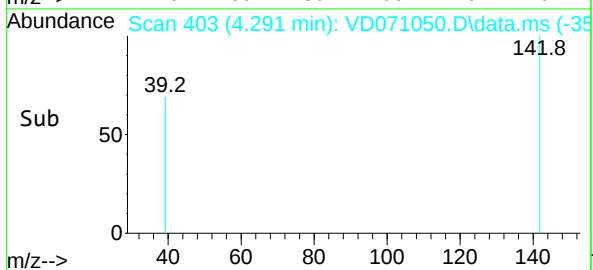
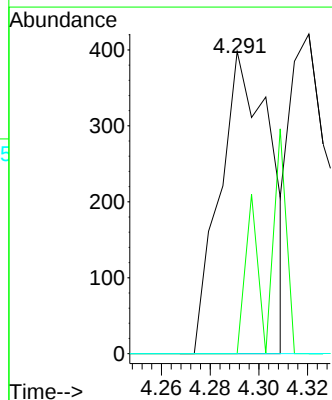
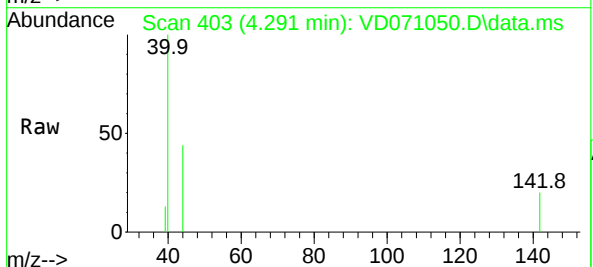


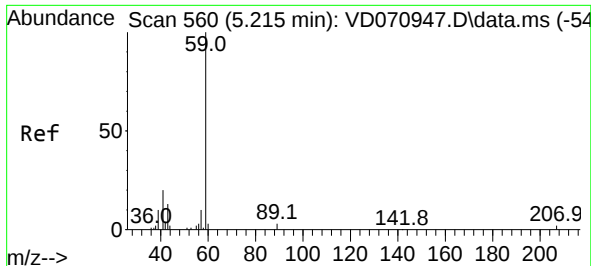
Tgt Ion:168 Resp: 255579
Ion Ratio Lower Upper
168 100
99 60.5 46.6 69.8



#10
Methyl Iodide
Concen: 6.193 ug/l
RT: 4.291 min Scan# 403
Delta R.T. -0.006 min
Lab File: VD071050.D
Acq: 19 Nov 2021 11:53

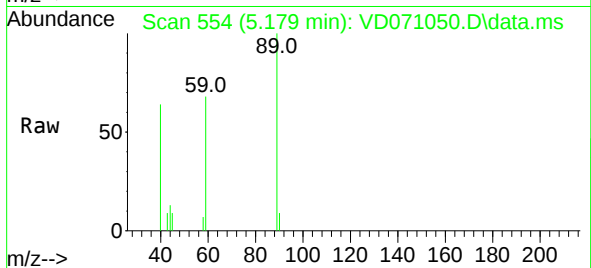
Tgt Ion:142 Resp: 577
Ion Ratio Lower Upper
142 100
127 12.8 35.0 52.4#
141 0.0 12.0 18.0#



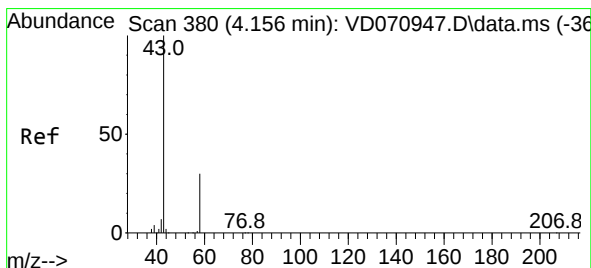
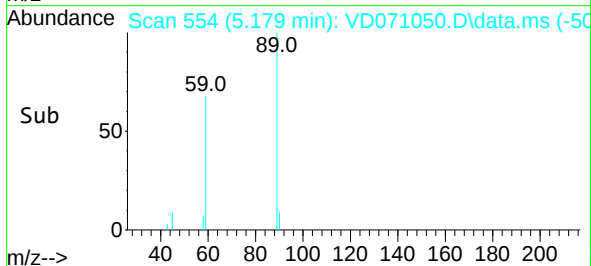
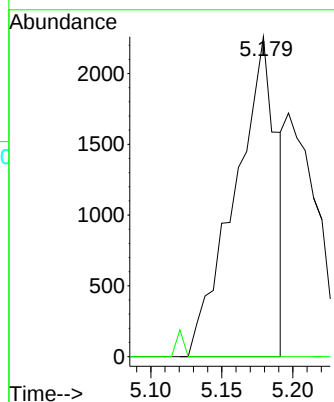


#11
Tert butyl alcohol
Concen: 23.221 ug/l
RT: 5.179 min Scan# 51
Delta R.T. -0.036 min
Lab File: VD071050.D
Acq: 19 Nov 2021 11:53

Instrument :
MSVOA_D
ClientSampleId :

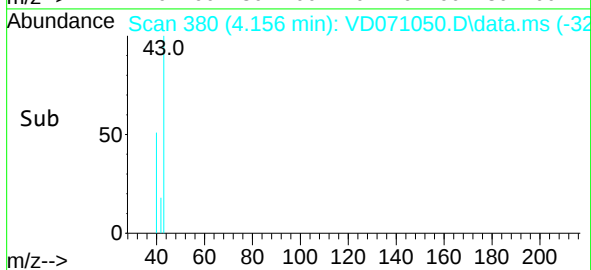
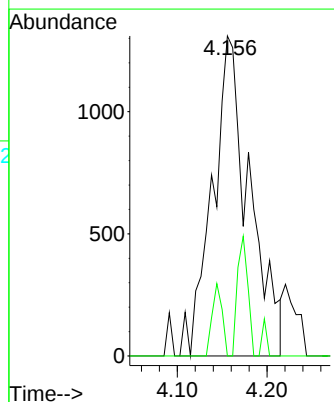
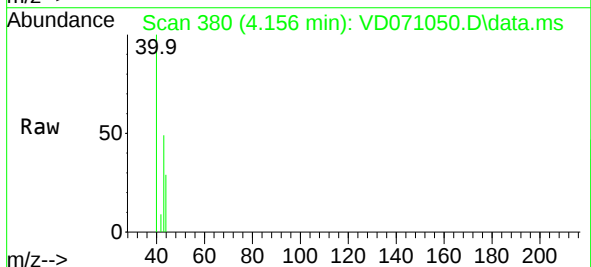


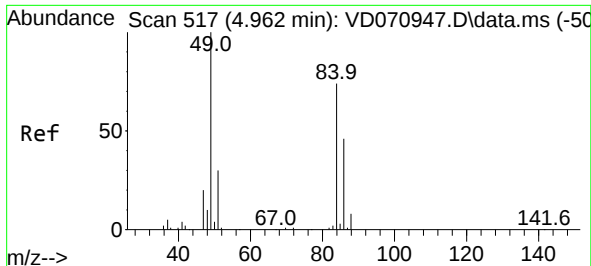
Tgt Ion: 59 Resp: 4618
Ion Ratio Lower Upper
59 100
57 0.0 9.0 13.4#



#16
Acetone
Concen: 24.512 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD071050.D
Acq: 19 Nov 2021 11:53

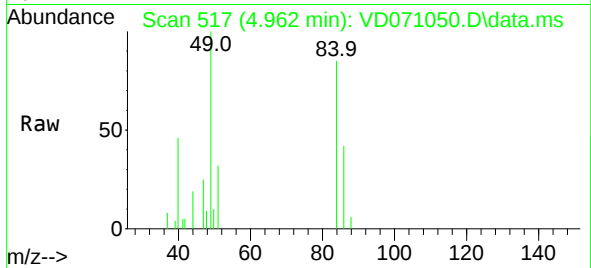
Tgt Ion: 43 Resp: 3764
Ion Ratio Lower Upper
43 100
58 0.0 27.8 41.8#



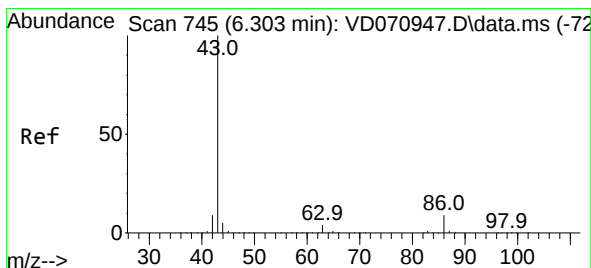
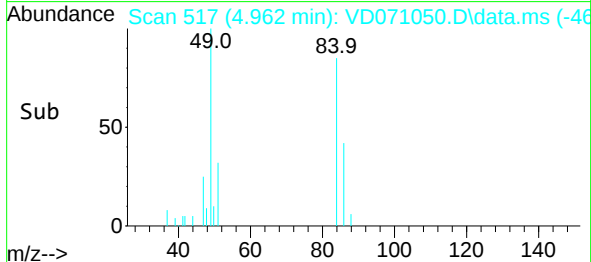
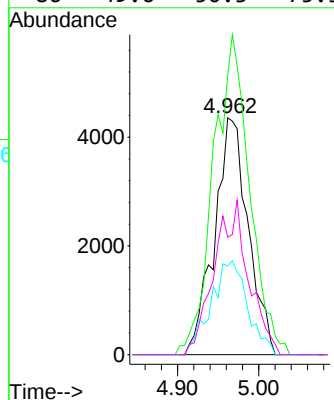


#20
Methylene Chloride
Concen: 3.681 ug/l
RT: 4.962 min Scan# 517
Delta R.T. -0.000 min
Lab File: VD071050.D
Acq: 19 Nov 2021 11:53

Instrument :
MSVOA_D
ClientSampleId :

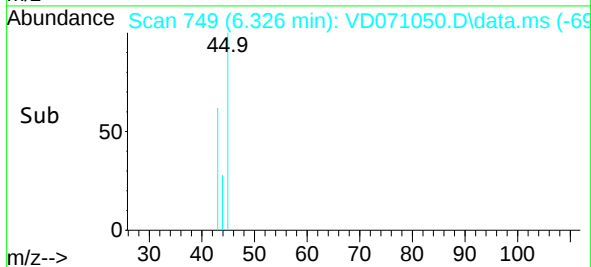
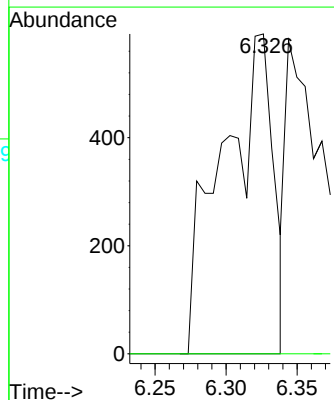
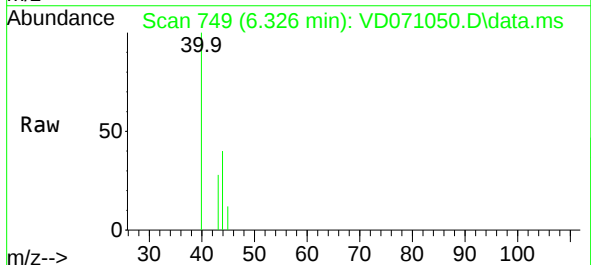


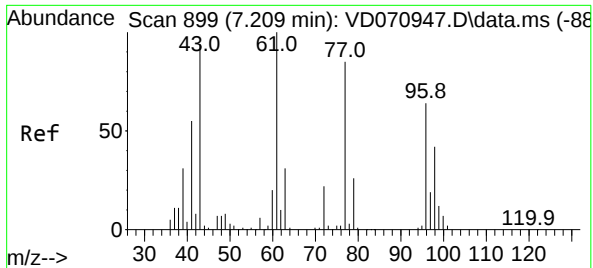
Tgt Ion:	84	Resp:	12604
Ion	Ratio	Lower	Upper
84	100		
49	114.2	95.8	143.6
51	37.5	30.9	46.3
86	49.6	50.3	75.5#



#23
Vinyl Acetate
Concen: 21.234 ug/l
RT: 6.326 min Scan# 749
Delta R.T. 0.023 min
Lab File: VD071050.D
Acq: 19 Nov 2021 11:53

Tgt Ion:	43	Resp:	1474
Ion	Ratio	Lower	Upper
43	100		
86	0.0	8.2	12.4#

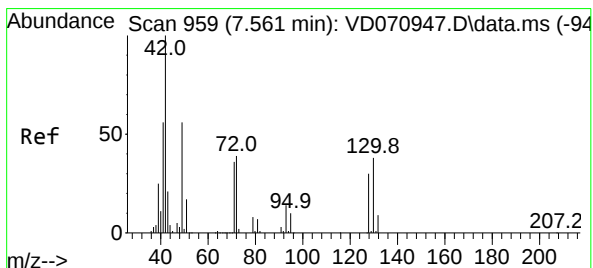
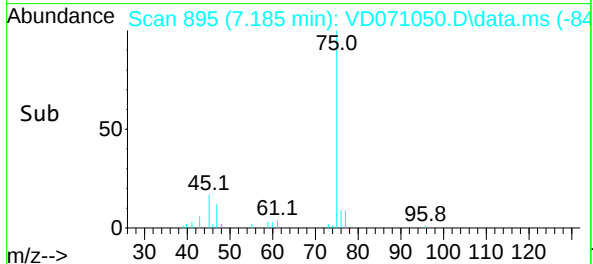
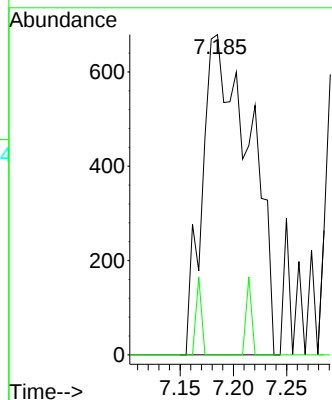
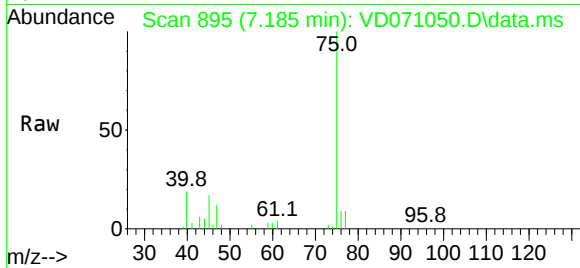




#25
2-Butanone
Concen: 22.411 ug/l
RT: 7.185 min Scan# 899
Delta R.T. -0.024 min
Lab File: VD071050.D
Acq: 19 Nov 2021 11:53

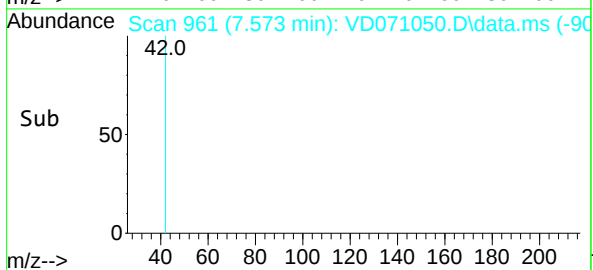
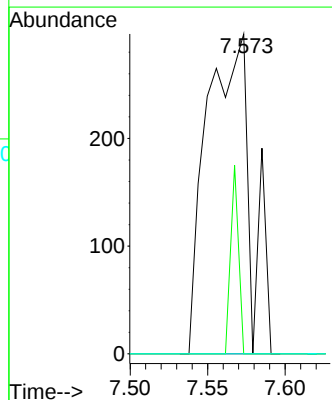
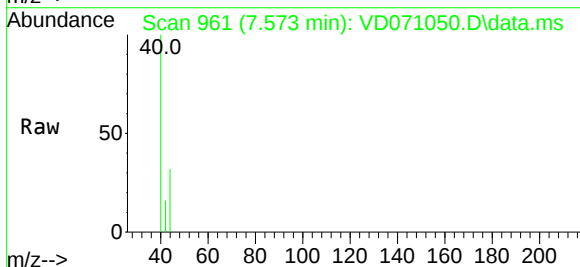
Instrument :
MSVOA_D
ClientSampleId :

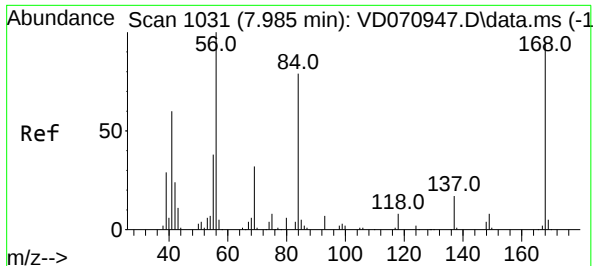
Tgt Ion: 43 Resp: 2113
Ion Ratio Lower Upper
43 100
72 0.0 23.8 35.6#



#29
Tetrahydrofuran
Concen: 1.056 ug/l
RT: 7.573 min Scan# 961
Delta R.T. 0.012 min
Lab File: VD071050.D
Acq: 19 Nov 2021 11:53

Tgt Ion: 42 Resp: 584
Ion Ratio Lower Upper
42 100
72 10.6 33.7 50.5#
71 0.0 32.7 49.1#





#31

Cyclohexane

Concen: 1.648 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.006 min

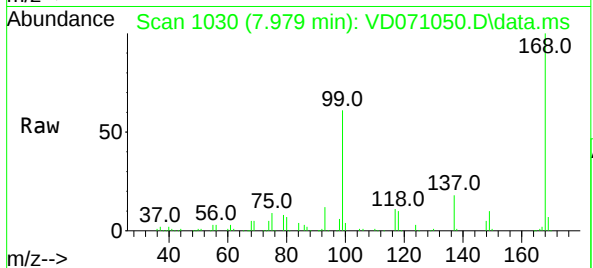
Lab File: VD071050.D

Acq: 19 Nov 2021 11:53

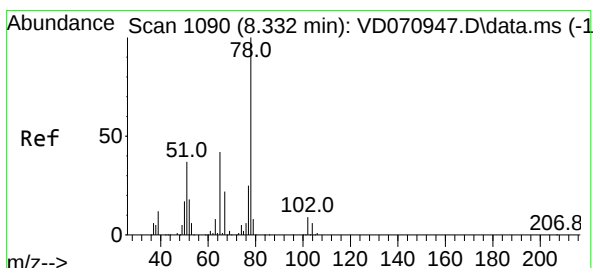
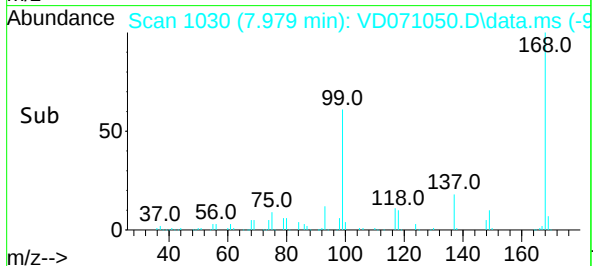
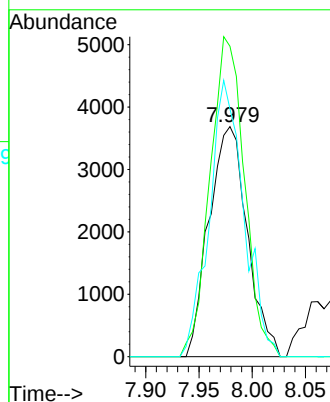
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 56	Resp: 9222
Ion Ratio	Lower Upper
56	100
69	134.9 25.9 38.9#
84	107.6 64.3 96.5#



#33

1,2-Dichloroethane-d4

Concen: 52.960 ug/l

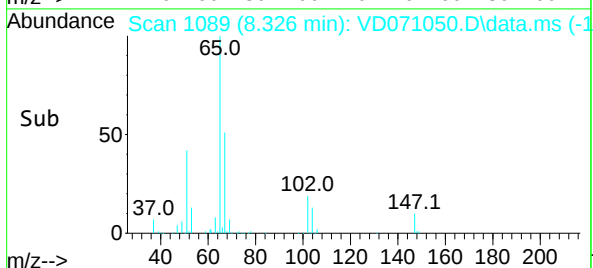
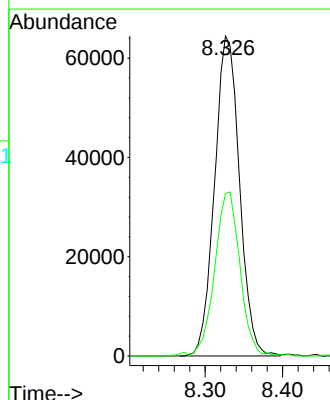
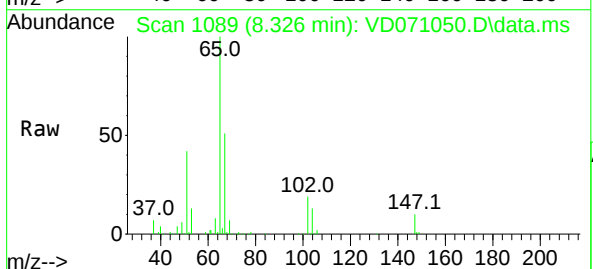
RT: 8.326 min Scan# 1089

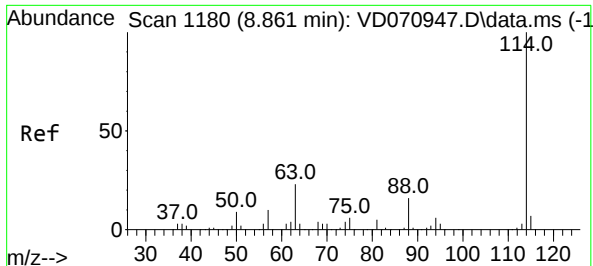
Delta R.T. -0.006 min

Lab File: VD071050.D

Acq: 19 Nov 2021 11:53

Tgt Ion: 65	Resp: 144114
Ion Ratio	Lower Upper
65	100
67	52.3 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: VD071050.D

Acq: 19 Nov 2021 11:53

Instrument :

MSVOA_D

ClientSampleId :

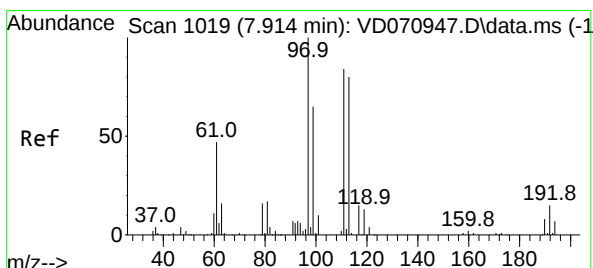
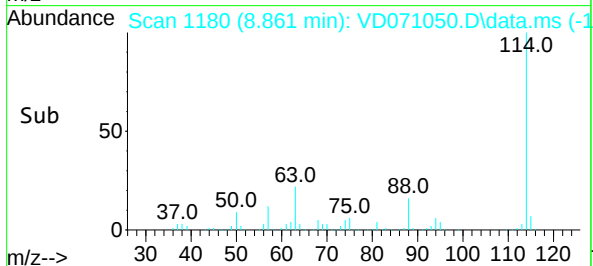
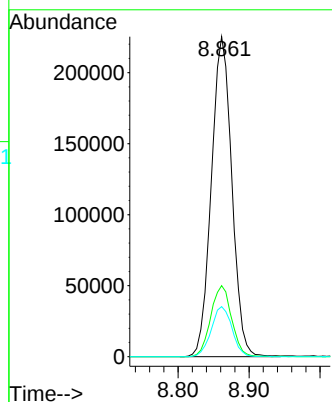
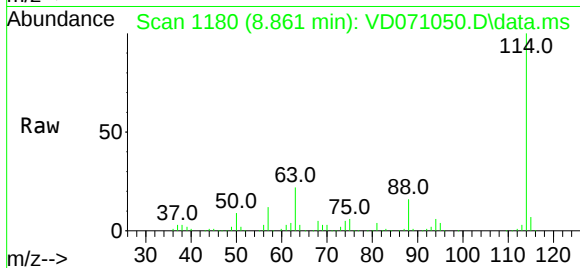
Tgt Ion:114 Resp: 450658

Ion Ratio Lower Upper

114 100

63 22.2 0.0 41.8

88 15.7 0.0 32.8



#35

Dibromofluoromethane

Concen: 54.805 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD071050.D

Acq: 19 Nov 2021 11:53

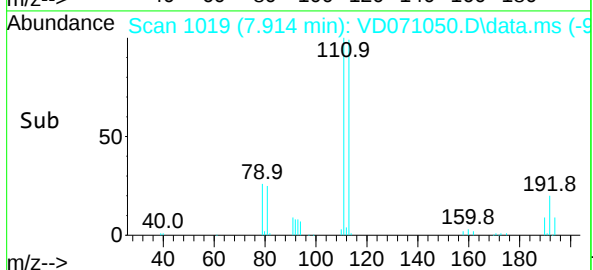
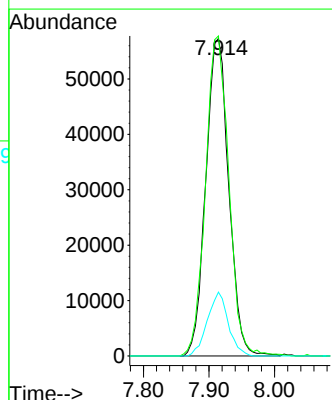
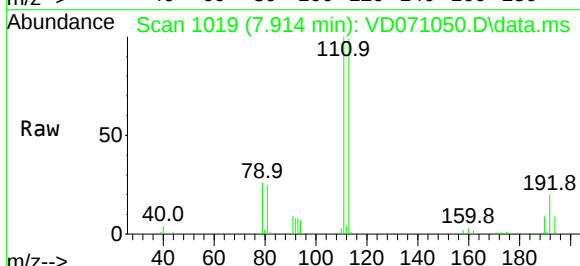
Tgt Ion:113 Resp: 139367

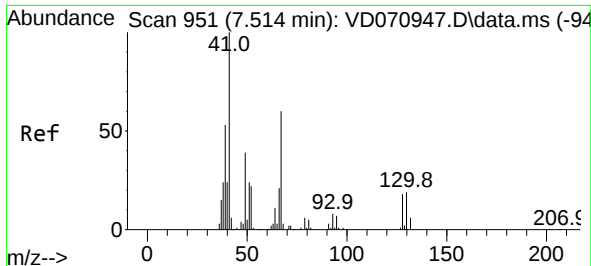
Ion Ratio Lower Upper

113 100

111 102.4 82.0 123.0

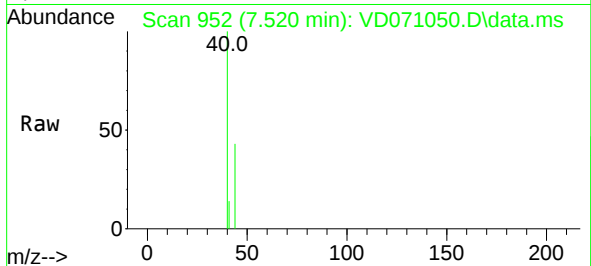
192 18.3 15.2 22.8



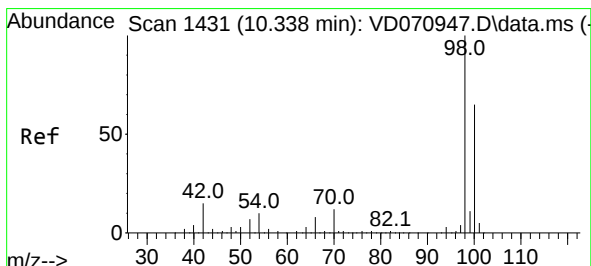
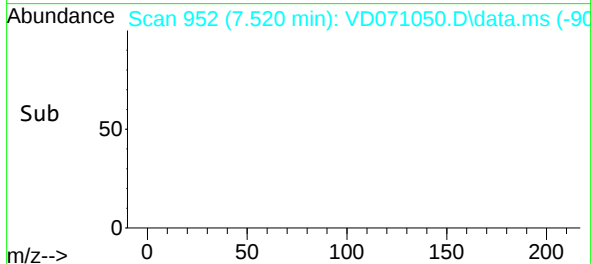
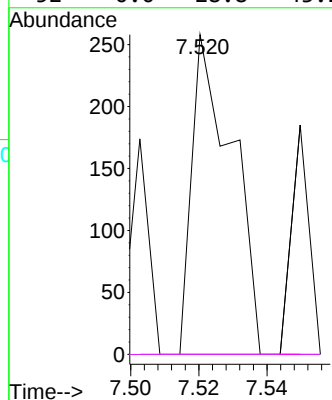


#41
Methacrylonitrile
Concen: 3.651 ug/l
RT: 7.520 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD071050.D
Acq: 19 Nov 2021 11:53

Instrument :
MSVOA_D
ClientSampleId :

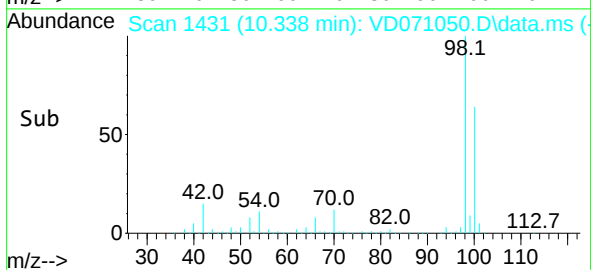
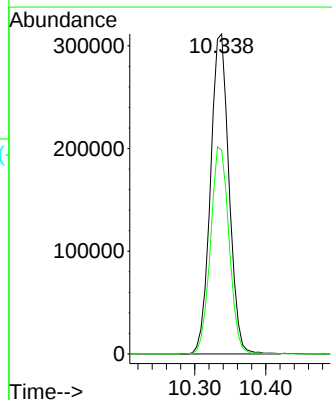
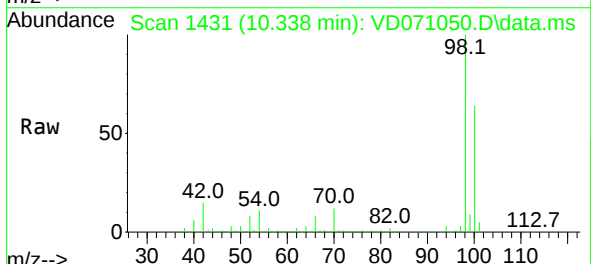


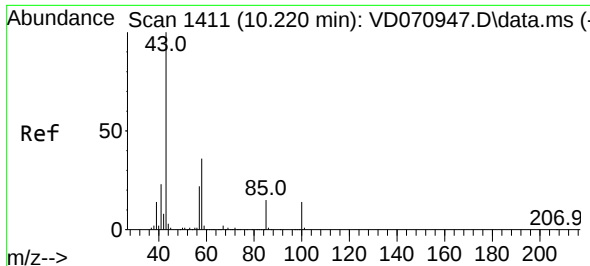
Tgt Ion: 41 Resp: 211
Ion Ratio Lower Upper
41 100
39 0.0 60.2 90.4#
67 0.0 74.8 112.2#
52 0.0 28.8 43.2#



#50
Toluene-d8
Concen: 56.580 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071050.D
Acq: 19 Nov 2021 11:53

Tgt Ion: 98 Resp: 563470
Ion Ratio Lower Upper
98 100
100 64.9 51.8 77.6

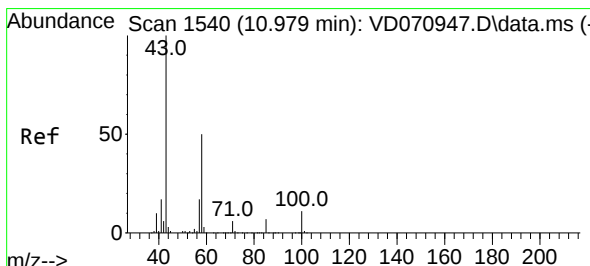
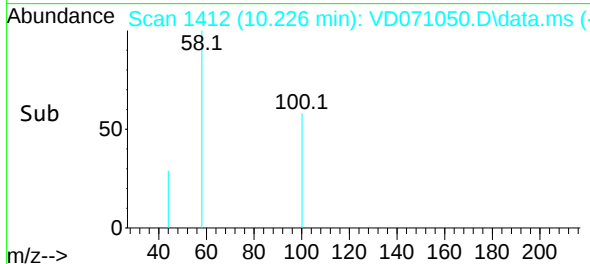
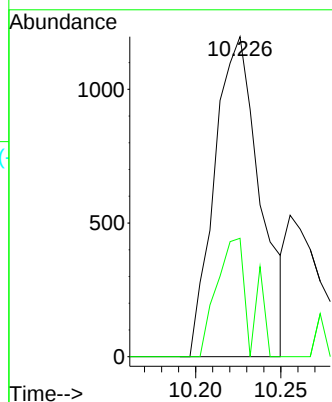
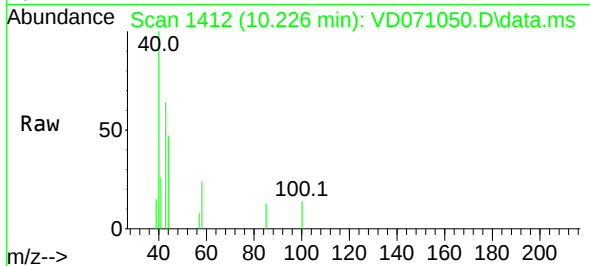




#51
4-Methyl-2-Pentanone
Concen: 1.181 ug/l
RT: 10.226 min Scan# 1411
Delta R.T. 0.006 min
Lab File: VD071050.D
Acq: 19 Nov 2021 11:53

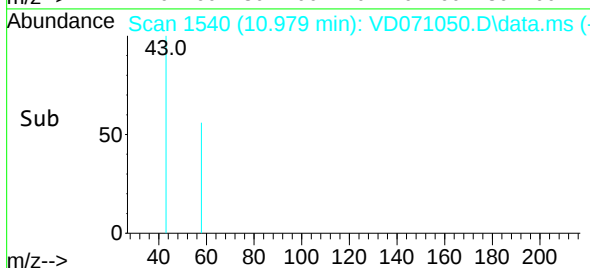
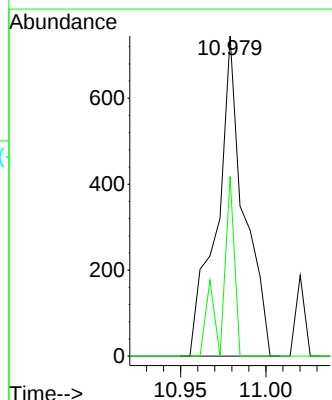
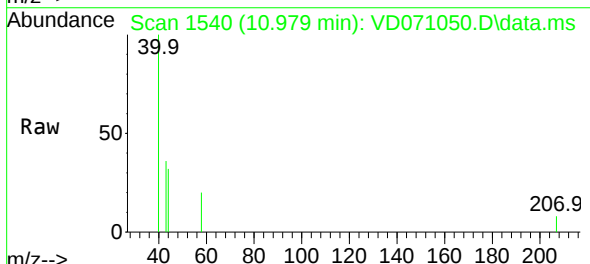
Instrument :
MSVOA_D
ClientSampleId :

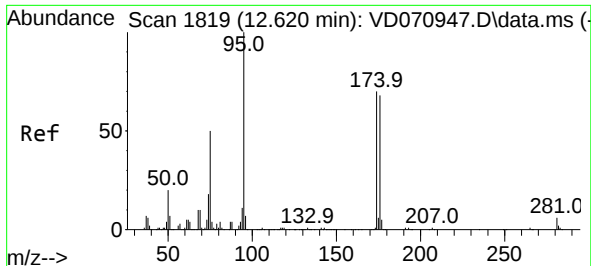
Tgt Ion: 43 Resp: 2225
Ion Ratio Lower Upper
43 100
58 27.0 33.1 49.7#



#59
2-Hexanone
Concen: 16.457 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VD071050.D
Acq: 19 Nov 2021 11:53

Tgt Ion: 43 Resp: 822
Ion Ratio Lower Upper
43 100
58 25.5 28.7 86.1#

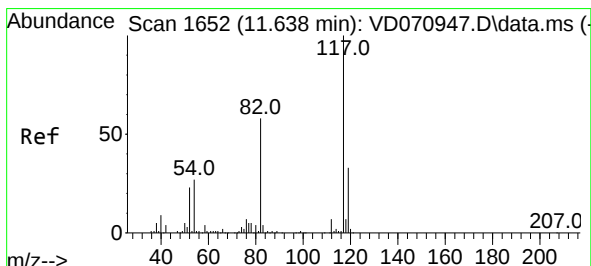
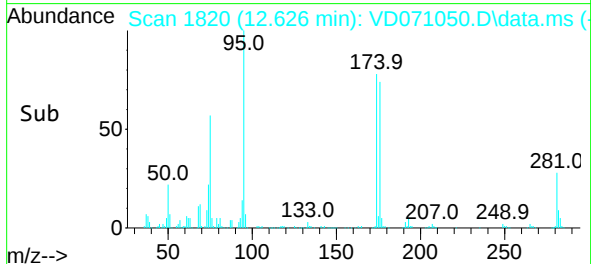
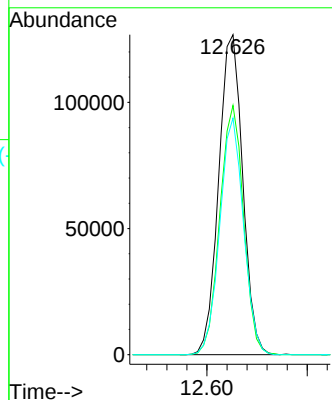
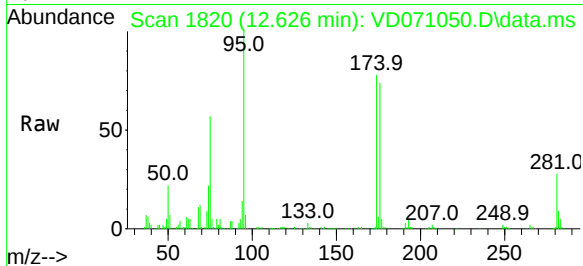




#62
4-Bromofluorobenzene
Concen: 58.714 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD071050.D
Acq: 19 Nov 2021 11:53

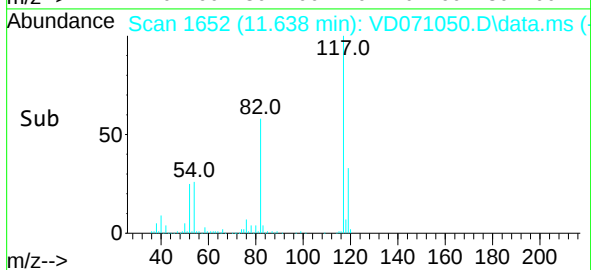
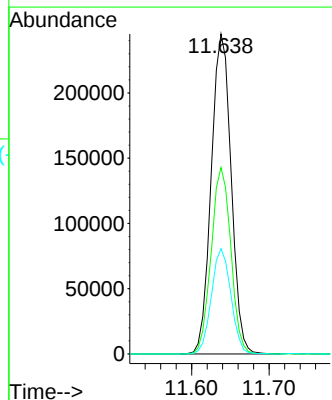
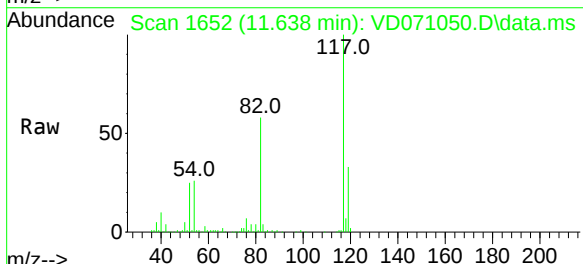
Instrument :
MSVOA_D
ClientSampleId :

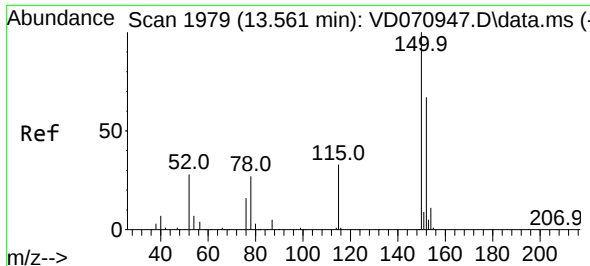
Tgt Ion: 95 Resp: 210537
Ion Ratio Lower Upper
95 100
174 76.8 0.0 159.4
176 73.0 0.0 154.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071050.D
Acq: 19 Nov 2021 11:53

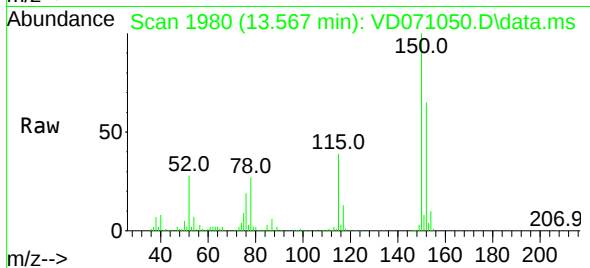
Tgt Ion: 117 Resp: 437854
Ion Ratio Lower Upper
117 100
82 58.2 44.7 67.1
119 32.9 26.2 39.4



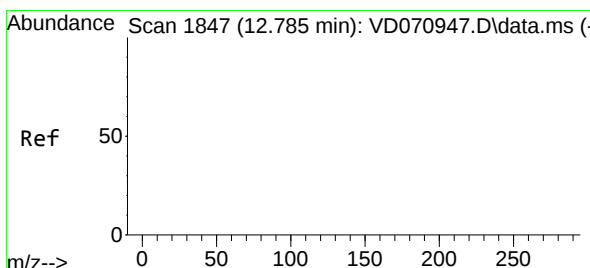
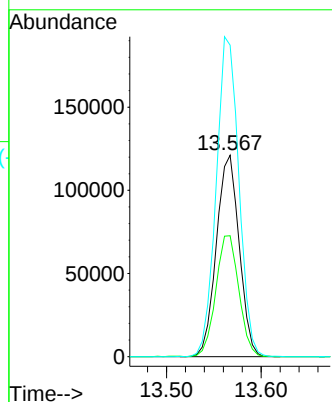
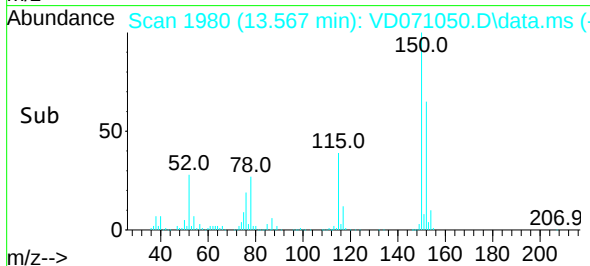


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1979
 Delta R.T. 0.006 min
 Lab File: VD071050.D
 Acq: 19 Nov 2021 11:53

Instrument :
 MSVOA_D
 ClientSampleId :

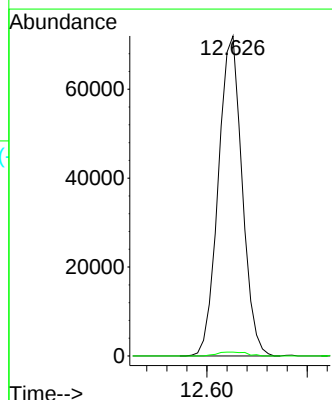
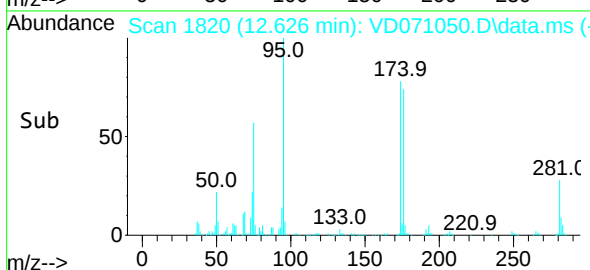
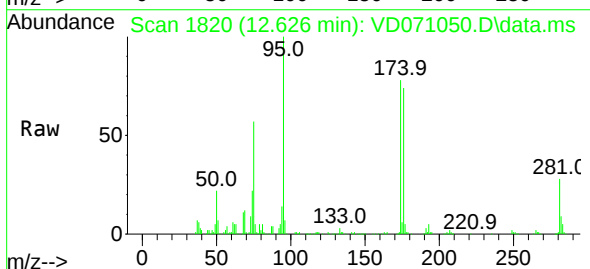


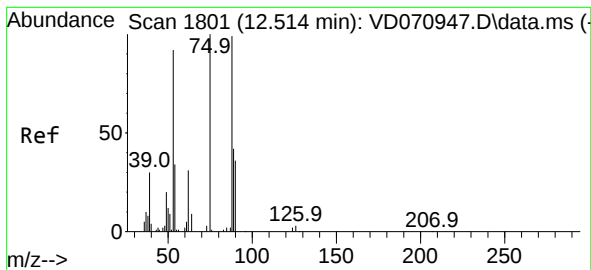
Tgt Ion:152 Resp: 202745
 Ion Ratio Lower Upper
 152 100
 115 60.8 29.8 89.3
 150 157.9 0.0 349.2



#76
 1,2,3-Trichloropropane
 Concen: 68.371 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. -0.159 min
 Lab File: VD071050.D
 Acq: 19 Nov 2021 11:53

Tgt Ion: 75 Resp: 118408
 Ion Ratio Lower Upper
 75 100
 77 1.5 158.4 475.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 126.222 ug/l
 RT: 12.626 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VD071050.D
 Acq: 19 Nov 2021 11:53

Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion: 75 Resp: 118408
 Ion Ratio Lower Upper
 75 100
 53 0.0 62.6 94.0#
 89 0.7 34.5 51.7#

