

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102221\
 Data File : VD070815.D
 Acq On : 22 Oct 2021 10:30
 Operator : VA/SY
 Sample : VD1022SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Oct 23 04:08:56 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)

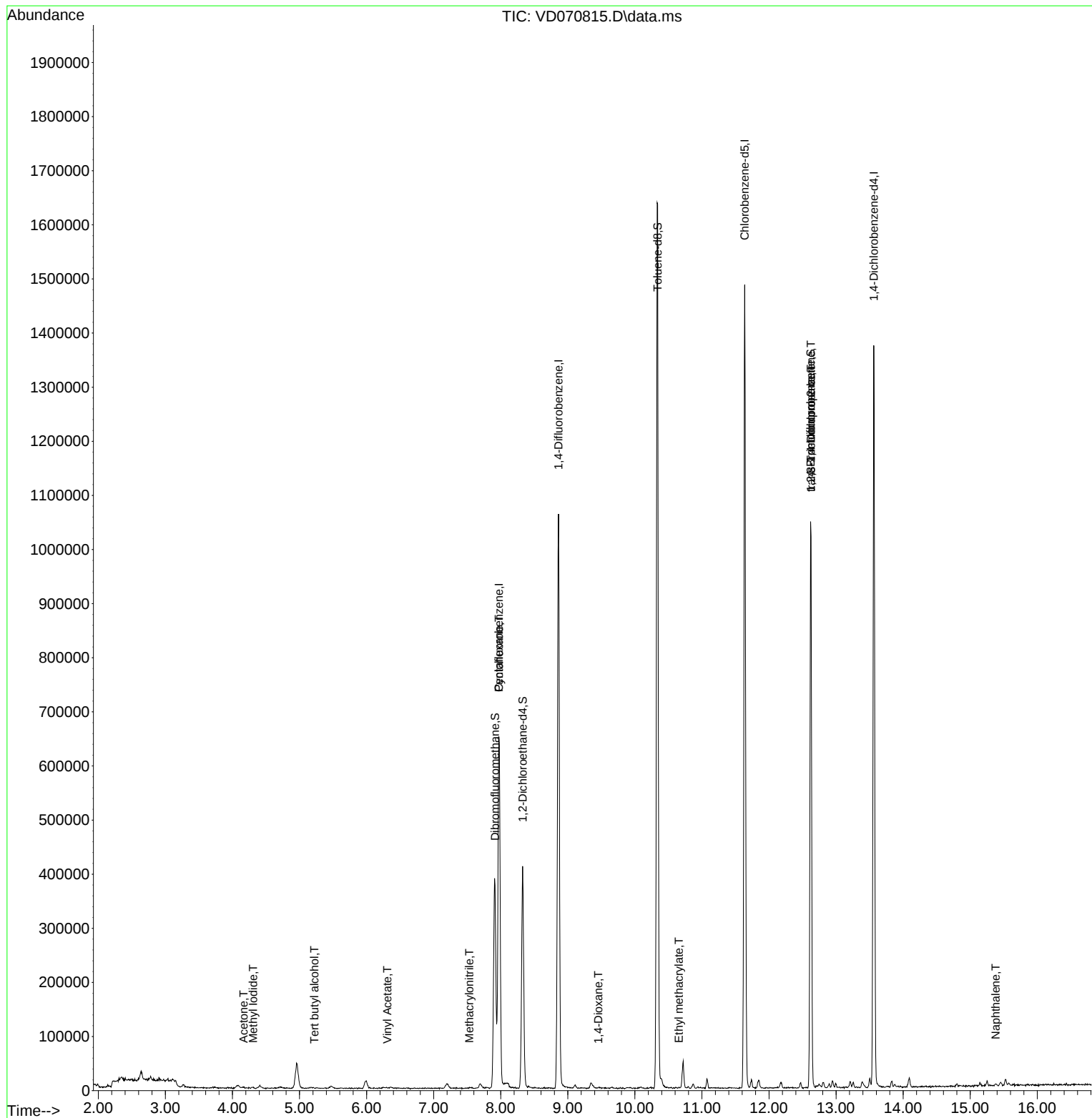
Internal Standards						
1) Pentafluorobenzene	7.973	168	459537	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	846425	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	809701	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	347408	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	312972	57.501	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 115.000%			
35) Dibromofluoromethane	7.914	113	278026	51.299	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.600%			
50) Toluene-d8	10.338	98	1101439	53.016	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 106.040%			
62) 4-Bromofluorobenzene	12.620	95	355292	49.666	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 99.340%			
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.309	142	2161	3.672	ug/l #	88
11) Tert butyl alcohol	5.220	59	399	1.310	ug/l #	83
16) Acetone	4.167	43	2511	1.913	ug/l #	62
20) Methylene Chloride	4.962	84	33554	Below Cal		95
23) Vinyl Acetate	6.309	43	809	16.406	ug/l #	69
31) Cyclohexane	7.973	56	15677	1.424	ug/l #	21
41) Methacrylonitrile	7.532	41	182	2.014	ug/l #	16
49) 1,4-Dioxane	9.455	88	79	2.141	ug/l #	82
56) Ethyl methacrylate	10.655	69	603	4.242	ug/l #	53
76) 1,2,3-Trichloropropane	12.626	75	179867	59.927	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	179867	131.257	ug/l #	17
95) Naphthalene	15.379	128	3586	5.081	ug/l #	84

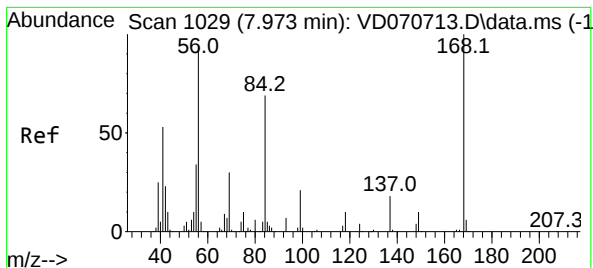
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102221\
Data File : VD070815.D
Acq On : 22 Oct 2021 10:30
Operator : VA/SY
Sample : VD1022SBL01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampled :

Quant Time: Oct 23 04:08:56 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

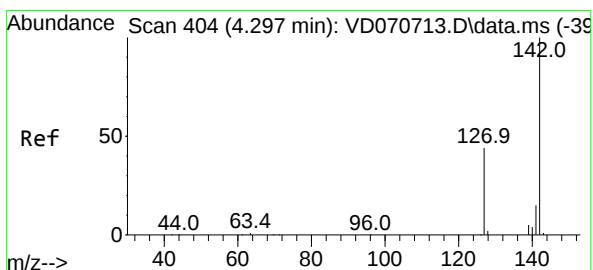
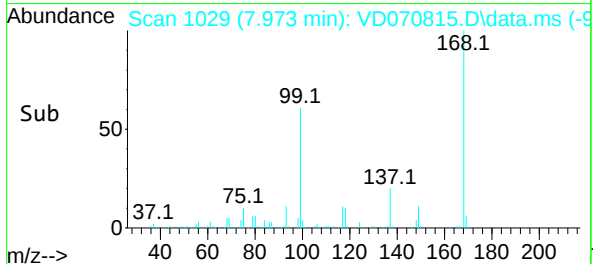
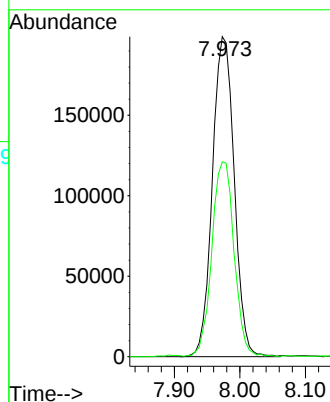
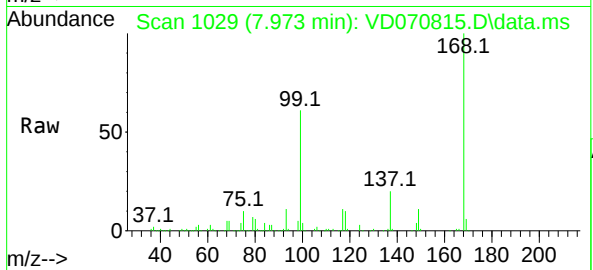




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD070815.D
Acq: 22 Oct 2021 10:30

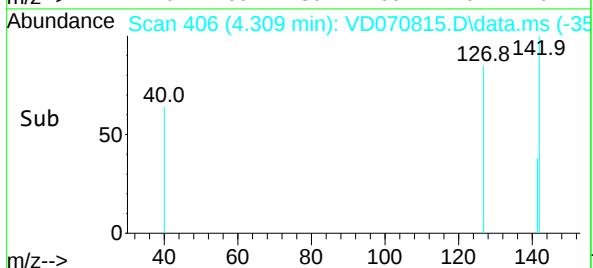
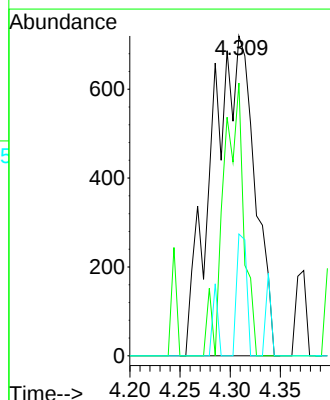
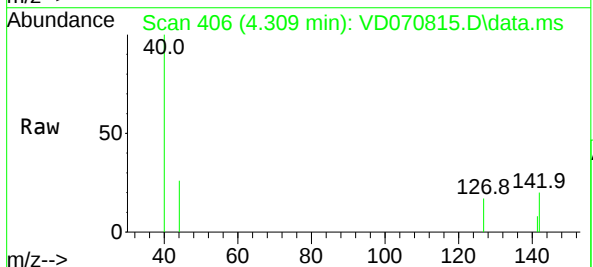
Instrument :
MSVOA_D
ClientSampleId :

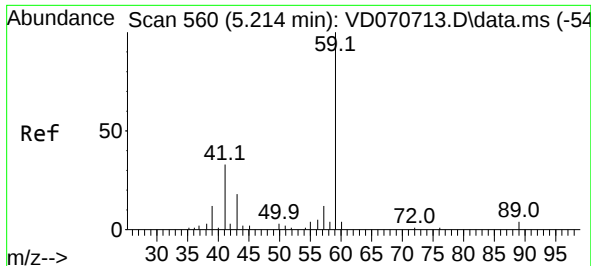
Tgt Ion:168 Resp: 459537
Ion Ratio Lower Upper
168 100
99 60.8 51.4 77.0



#10
Methyl Iodide
Concen: 3.672 ug/l
RT: 4.309 min Scan# 406
Delta R.T. 0.012 min
Lab File: VD070815.D
Acq: 22 Oct 2021 10:30

Tgt Ion:142 Resp: 2161
Ion Ratio Lower Upper
142 100
127 39.9 37.5 56.3
141 8.7 12.1 18.1#



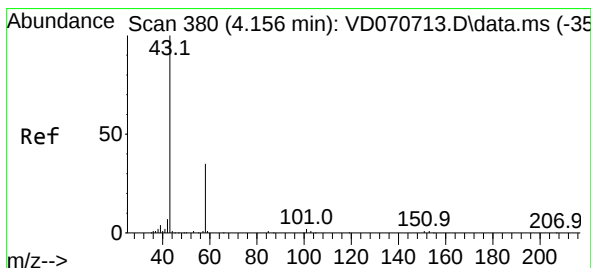
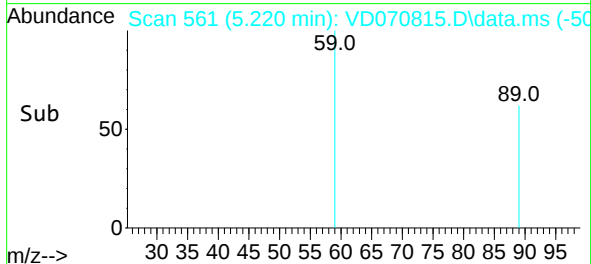
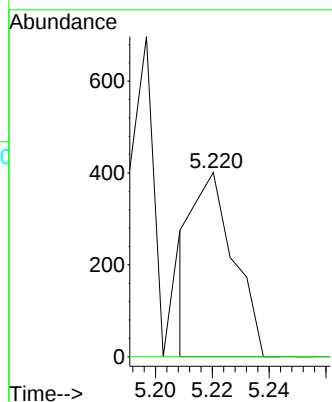
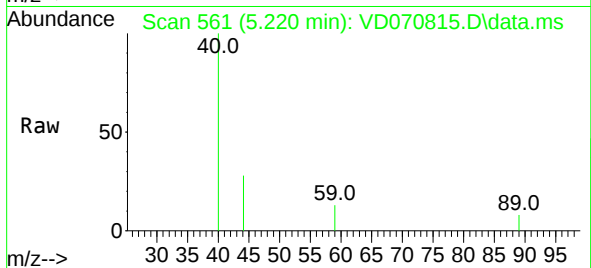


#11

Tert butyl alcohol
Concen: 1.310 ug/l
RT: 5.220 min Scan# 561
Delta R.T. 0.006 min
Lab File: VD070815.D
Acq: 22 Oct 2021 10:30

Instrument :
MSVOA_D
ClientSampleId :

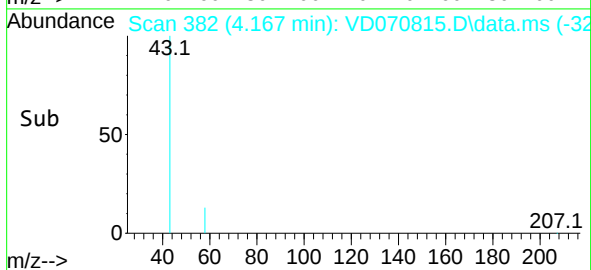
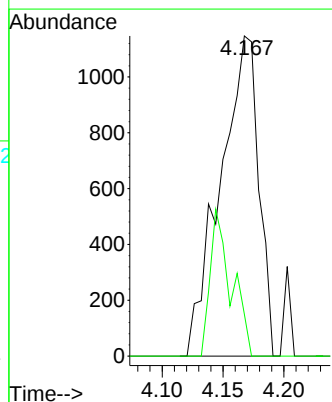
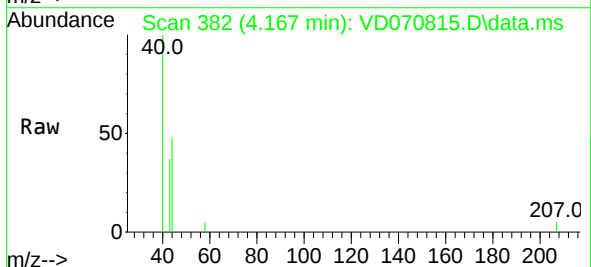
Tgt Ion: 59 Resp: 399
Ion Ratio Lower Upper
59 100
57 0.0 4.5 6.7#

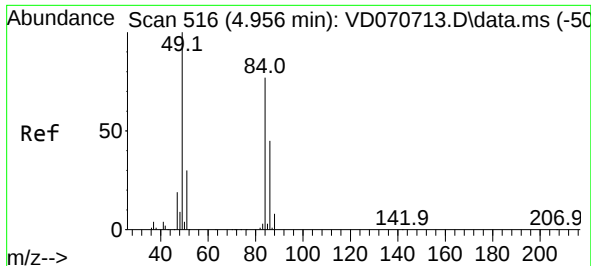


#16

Acetone
Concen: 1.913 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.012 min
Lab File: VD070815.D
Acq: 22 Oct 2021 10:30

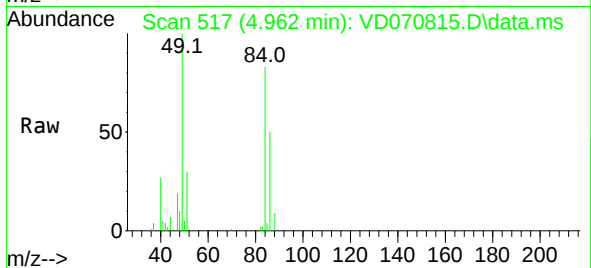
Tgt Ion: 43 Resp: 2511
Ion Ratio Lower Upper
43 100
58 13.1 28.2 42.2#



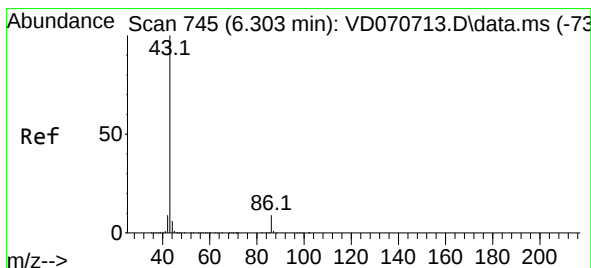
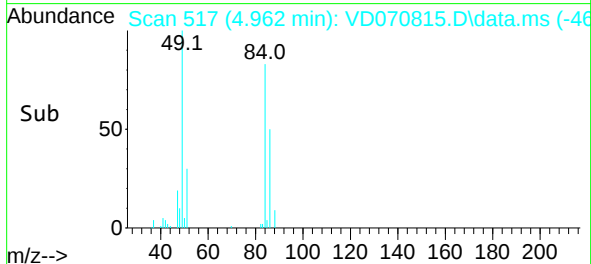
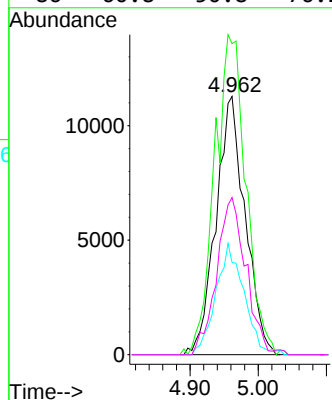


#20
Methylene Chloride
Concen: Below Cal
RT: 4.962 min Scan# 517
Delta R.T. 0.006 min
Lab File: VD070815.D
Acq: 22 Oct 2021 10:30

Instrument :
MSVOA_D
ClientSampleId :

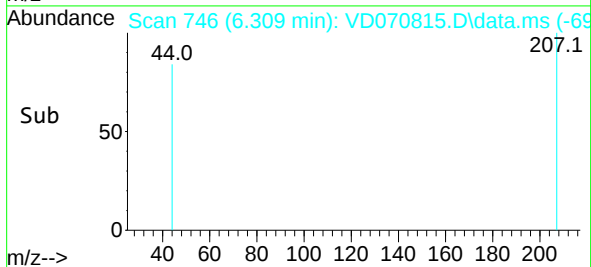
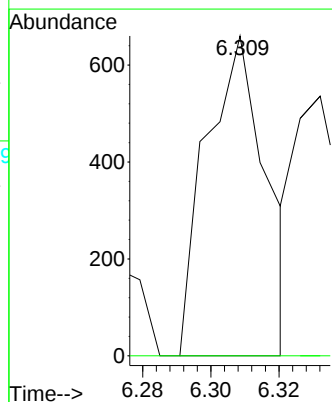
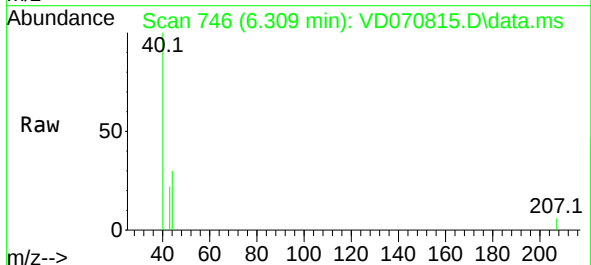


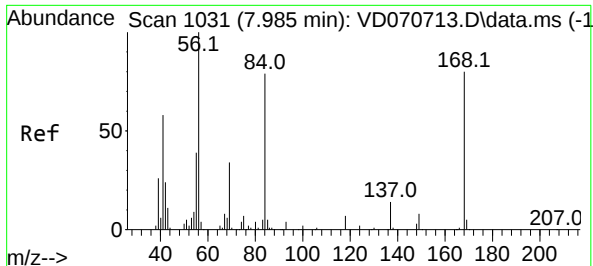
Tgt Ion: 84 Resp: 33554
Ion Ratio Lower Upper
84 100
49 120.5 91.4 137.2
51 35.7 26.7 40.1
86 60.8 50.8 76.2



#23
Vinyl Acetate
Concen: 16.406 ug/l
RT: 6.309 min Scan# 746
Delta R.T. 0.006 min
Lab File: VD070815.D
Acq: 22 Oct 2021 10:30

Tgt Ion: 43 Resp: 809
Ion Ratio Lower Upper
43 100
86 0.0 9.8 14.6#





#31

Cyclohexane

Concen: 1.424 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.012 min

Lab File: VD070815.D

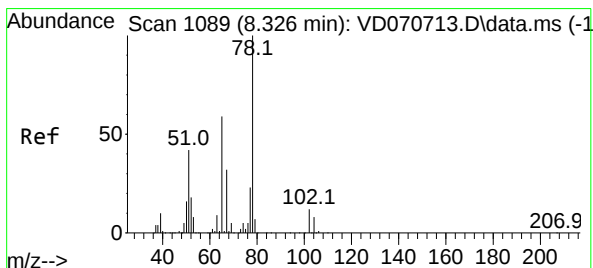
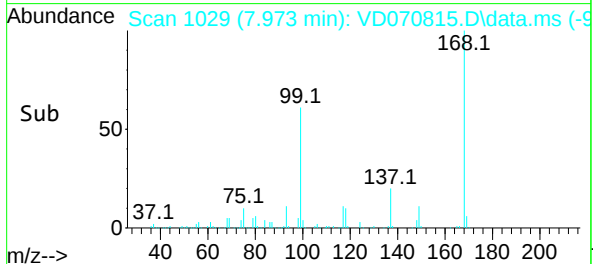
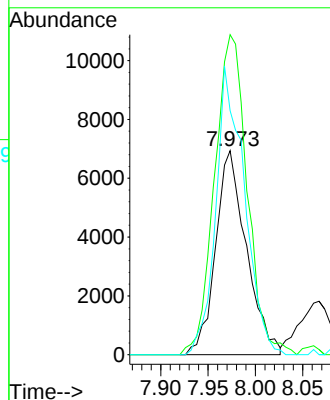
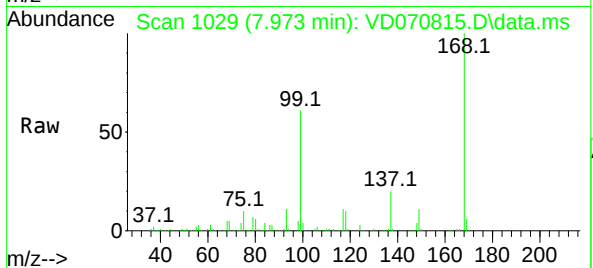
Acq: 22 Oct 2021 10:30

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	56	Resp:	15677
Ion	Ratio	Lower	Upper
56	100		
69	156.8	27.4	41.2#
84	119.6	73.6	110.4#



#33

1,2-Dichloroethane-d4

Concen: 57.501 ug/l

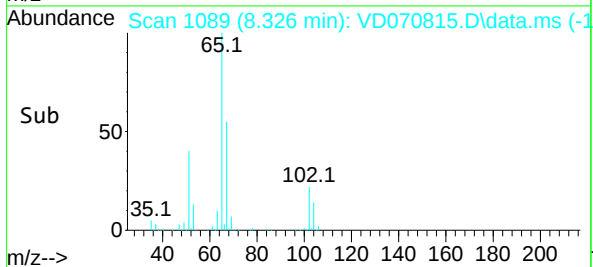
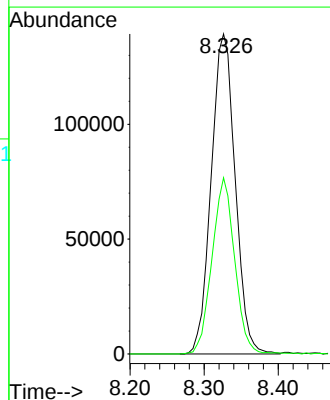
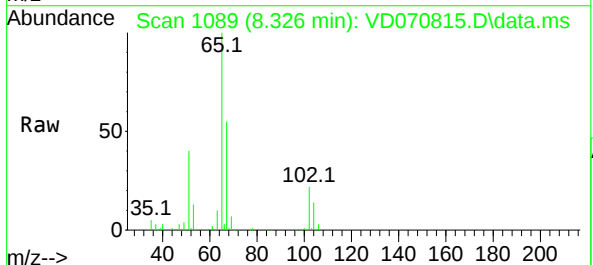
RT: 8.326 min Scan# 1089

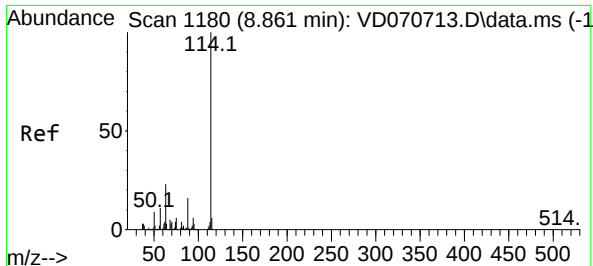
Delta R.T. 0.000 min

Lab File: VD070815.D

Acq: 22 Oct 2021 10:30

Tgt Ion:	65	Resp:	312972
Ion	Ratio	Lower	Upper
65	100		
67	52.1	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: VD070815.D

Acq: 22 Oct 2021 10:30

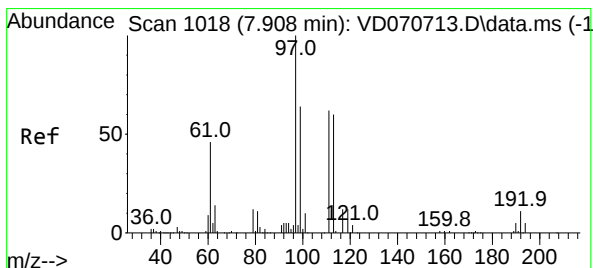
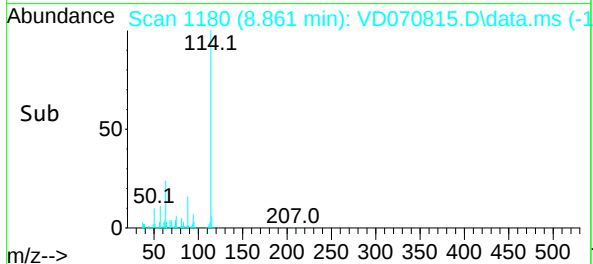
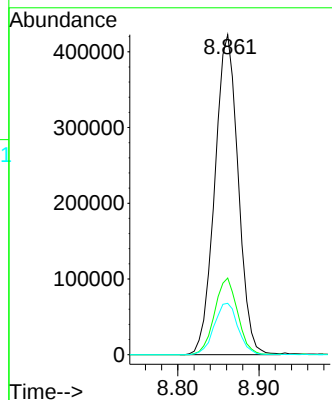
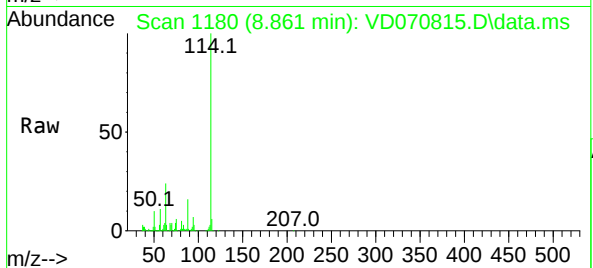
Tgt Ion:114 Resp: 846425

Ion Ratio Lower Upper

114 100

63 24.0 0.0 41.8

88 16.0 0.0 32.6



#35

Dibromofluoromethane

Concen: 51.299 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.006 min

Lab File: VD070815.D

Acq: 22 Oct 2021 10:30

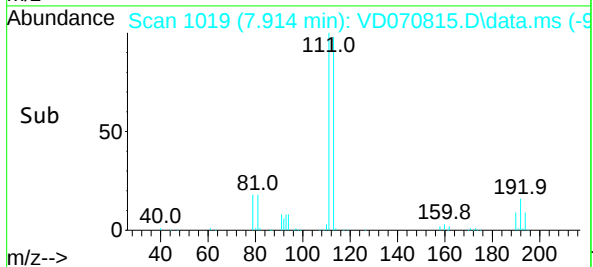
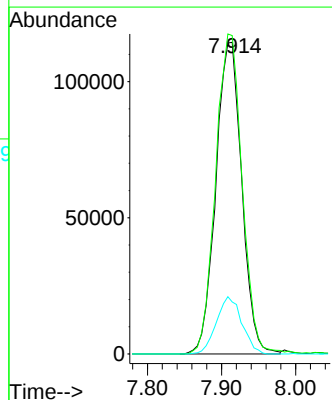
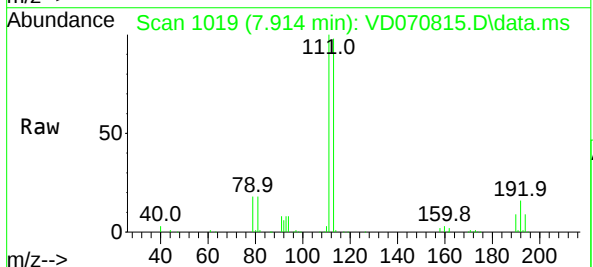
Tgt Ion:113 Resp: 278026

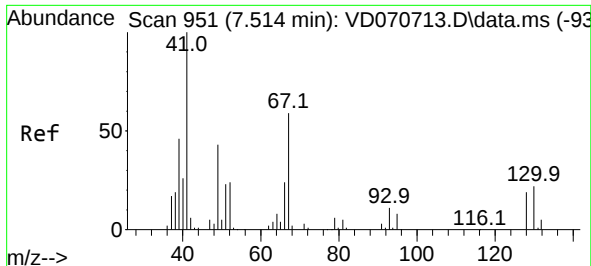
Ion Ratio Lower Upper

113 100

111 104.9 83.1 124.7

192 18.0 12.7 19.1

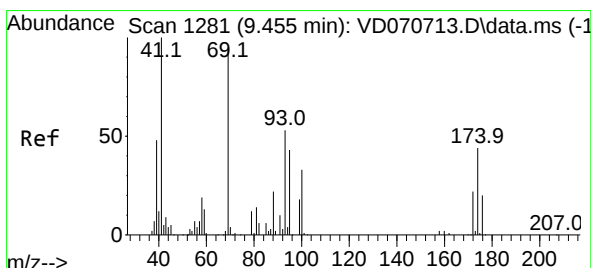
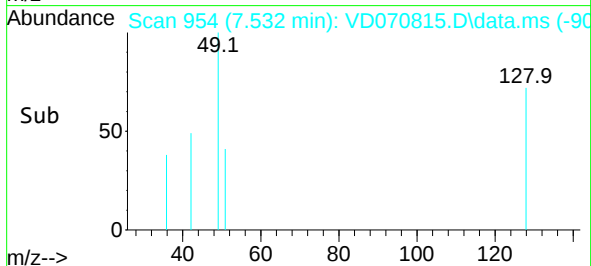
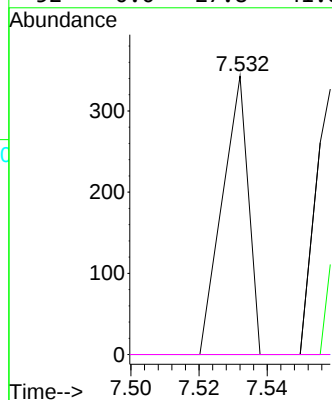
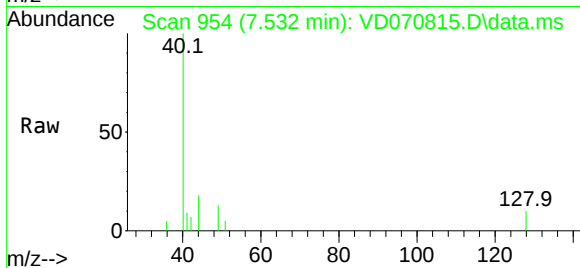




#41
Methacrylonitrile
Concen: 2.014 ug/l
RT: 7.532 min Scan# 954
Delta R.T. 0.018 min
Lab File: VD070815.D
Acq: 22 Oct 2021 10:30

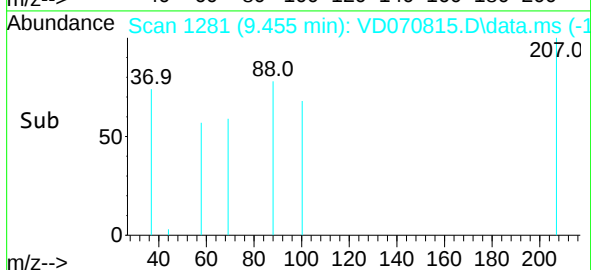
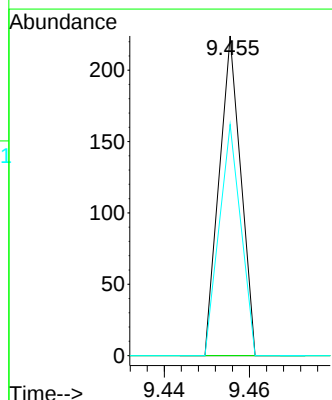
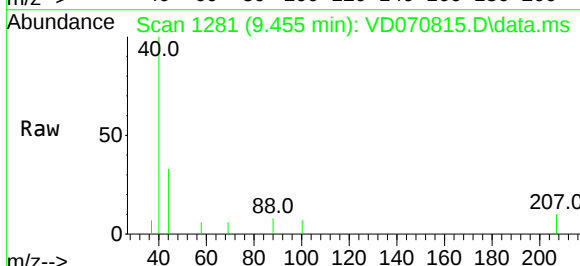
Instrument :
MSVOA_D
ClientSampleId :

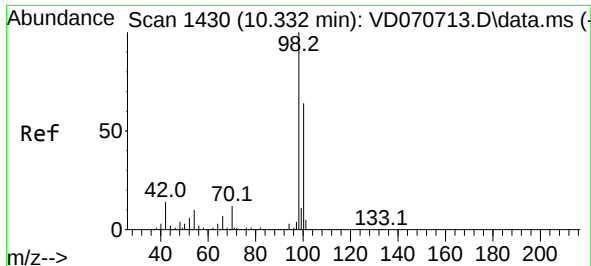
Tgt Ion:	41	Resp:	182
Ion	Ratio	Lower	Upper
41	100		
39	0.0	45.2	67.8#
67	0.0	75.8	113.6#
52	0.0	27.8	41.8#



#49
1,4-Dioxane
Concen: 2.141 ug/l
RT: 9.455 min Scan# 1281
Delta R.T. 0.000 min
Lab File: VD070815.D
Acq: 22 Oct 2021 10:30

Tgt Ion:	88	Resp:	79
Ion	Ratio	Lower	Upper
88	100		
43	0.0	25.1	37.7#
58	72.2	57.4	86.0

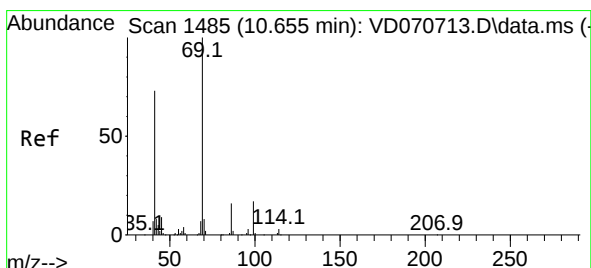
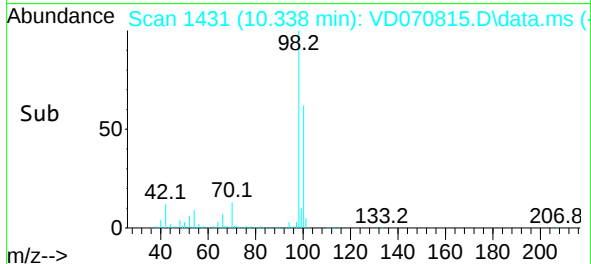
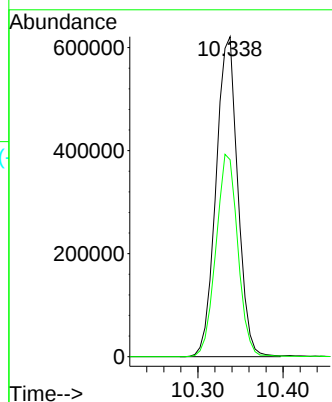
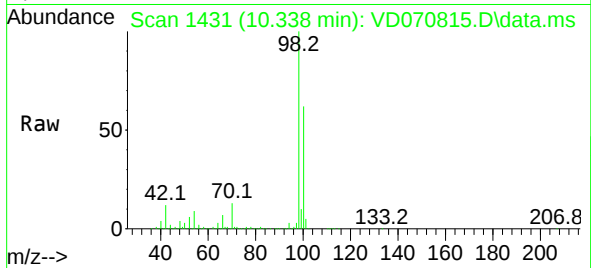




#50
Toluene-d8
Concen: 53.016 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070815.D
Acq: 22 Oct 2021 10:30

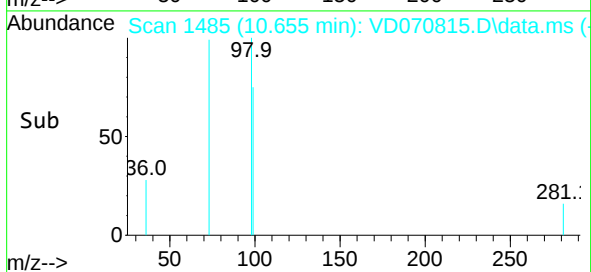
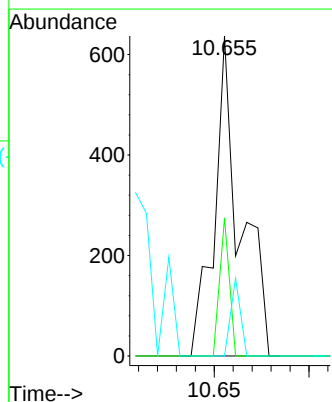
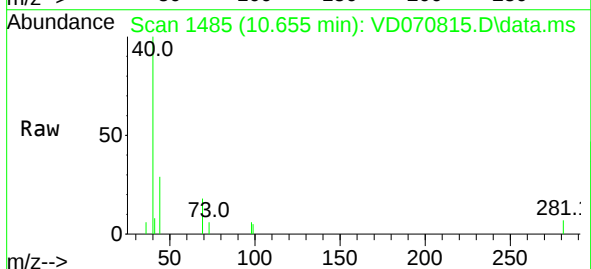
Instrument :
MSVOA_D
ClientSampleId :

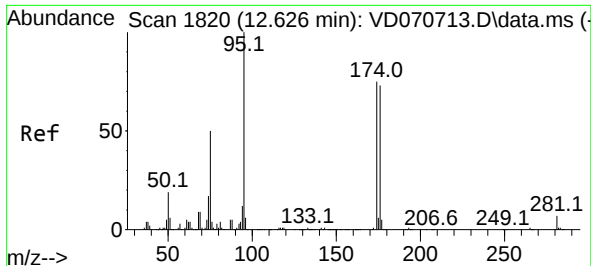
Tgt Ion: 98 Resp: 1101439
Ion Ratio Lower Upper
98 100
100 63.8 52.2 78.4



#56
Ethyl methacrylate
Concen: 4.242 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. 0.000 min
Lab File: VD070815.D
Acq: 22 Oct 2021 10:30

Tgt Ion: 69 Resp: 603
Ion Ratio Lower Upper
69 100
41 16.1 44.7 67.1#
39 9.1 19.5 29.3#

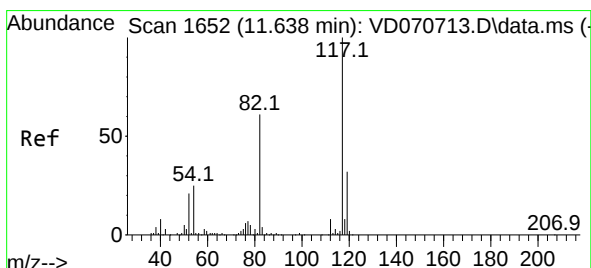
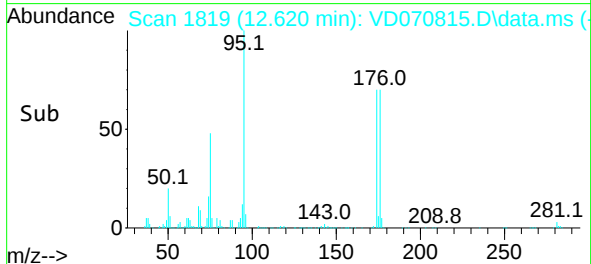
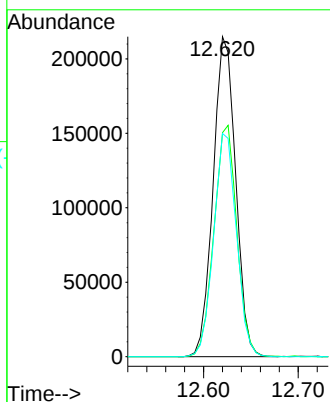
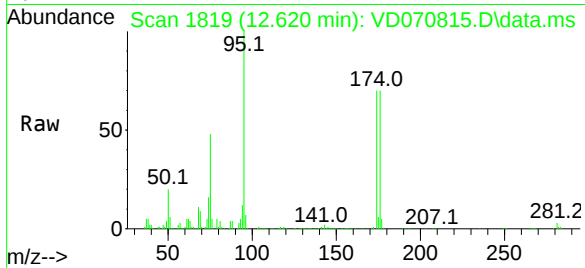




#62
4-Bromofluorobenzene
Concen: 49.666 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD070815.D
Acq: 22 Oct 2021 10:30

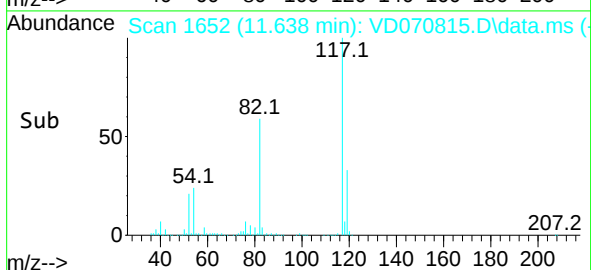
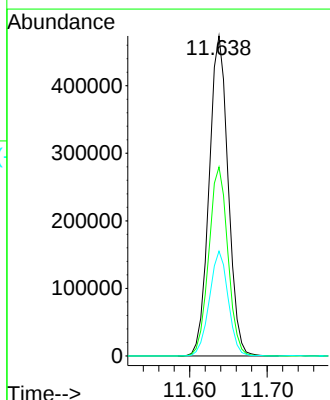
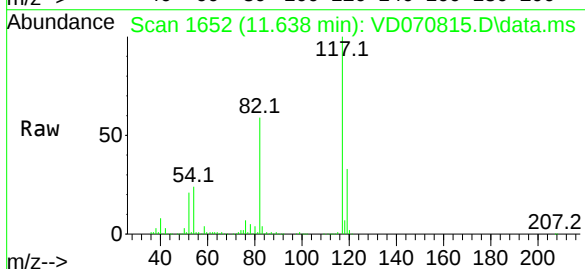
Instrument :
MSVOA_D
ClientSampleId :

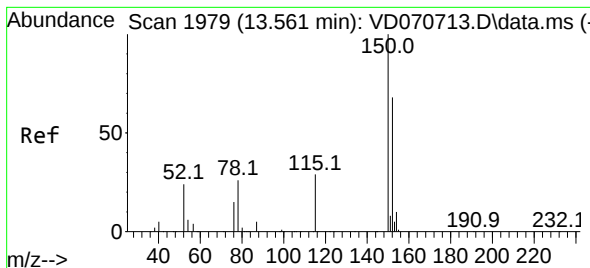
Tgt Ion: 95 Resp: 355292
Ion Ratio Lower Upper
95 100
174 73.4 0.0 138.0
176 70.5 0.0 135.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070815.D
Acq: 22 Oct 2021 10:30

Tgt Ion: 117 Resp: 809701
Ion Ratio Lower Upper
117 100
82 59.0 45.4 68.2
119 32.8 24.7 37.1

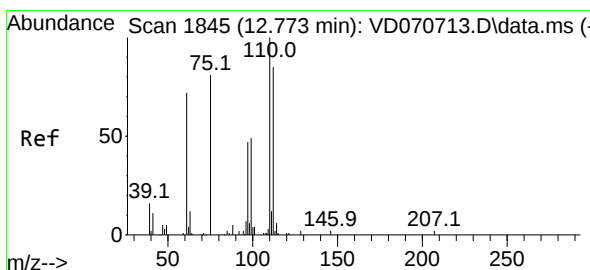
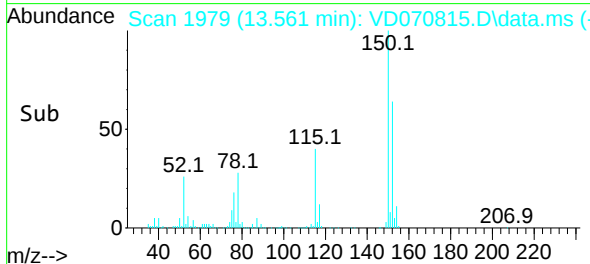
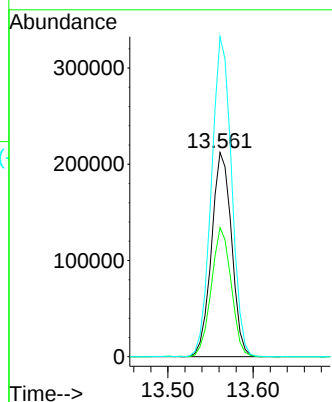
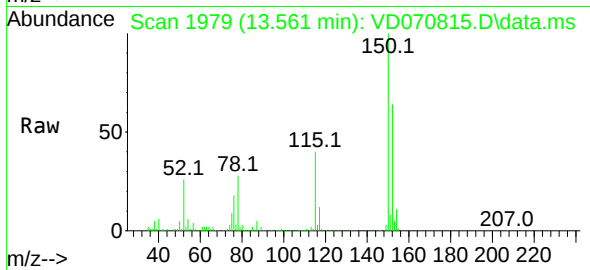




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD070815.D
Acq: 22 Oct 2021 10:30

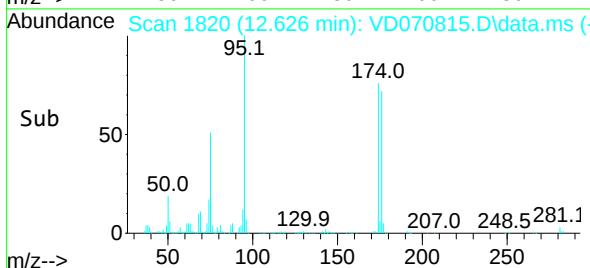
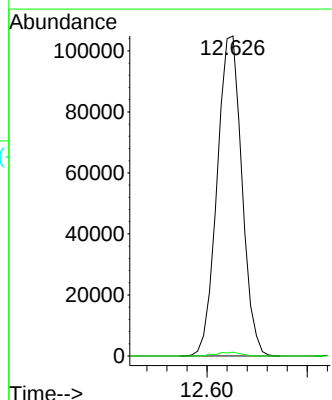
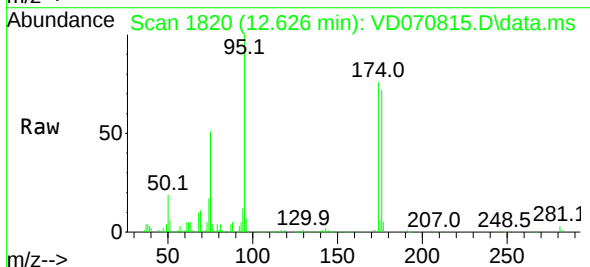
Instrument :
MSVOA_D
ClientSampleId :

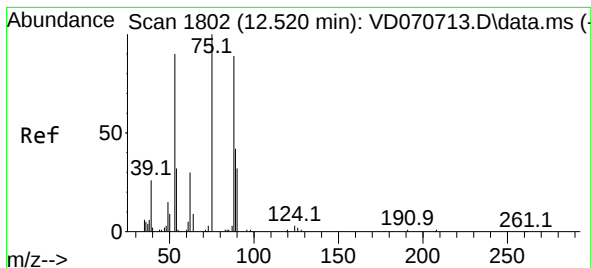
Tgt Ion:152 Resp: 347408
Ion Ratio Lower Upper
152 100
115 62.4 31.9 95.7
150 156.8 0.0 350.0



#76
1,2,3-Trichloropropane
Concen: 59.927 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD070815.D
Acq: 22 Oct 2021 10:30

Tgt Ion: 75 Resp: 179867
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#

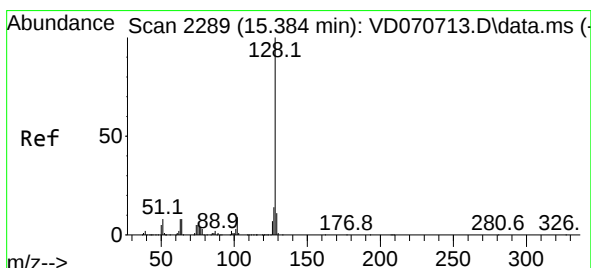
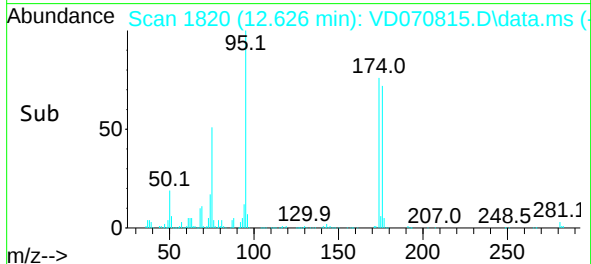
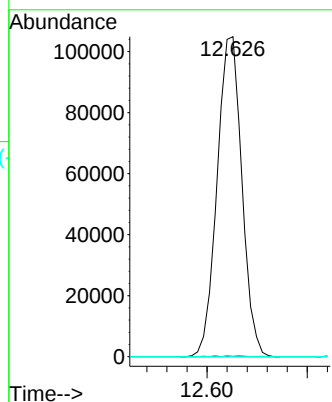
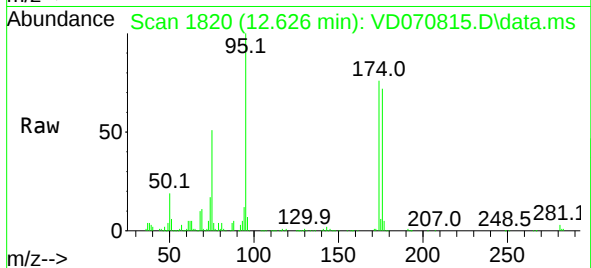




#81
trans-1,4-Dichloro-2-butene
Concen: 131.257 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD070815.D
Acq: 22 Oct 2021 10:30

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 179867
Ion Ratio Lower Upper
75 100
53 0.2 64.5 96.7#
89 0.0 35.3 52.9#



#95
Naphthalene
Concen: 5.081 ug/l
RT: 15.379 min Scan# 2288
Delta R.T. -0.005 min
Lab File: VD070815.D
Acq: 22 Oct 2021 10:30

Tgt Ion: 128 Resp: 3586
Ion Ratio Lower Upper
128 100
127 18.3 10.9 16.3#
129 2.3 8.6 12.8#

