

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071421\
 Data File : VD069695.D
 Acq On : 14 Jul 2021 18:37
 Operator : VA/SY
 Sample : M3023-01
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jul 15 03:32:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071321S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 14 06:00:31 2021
 Response via : Initial Calibration

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

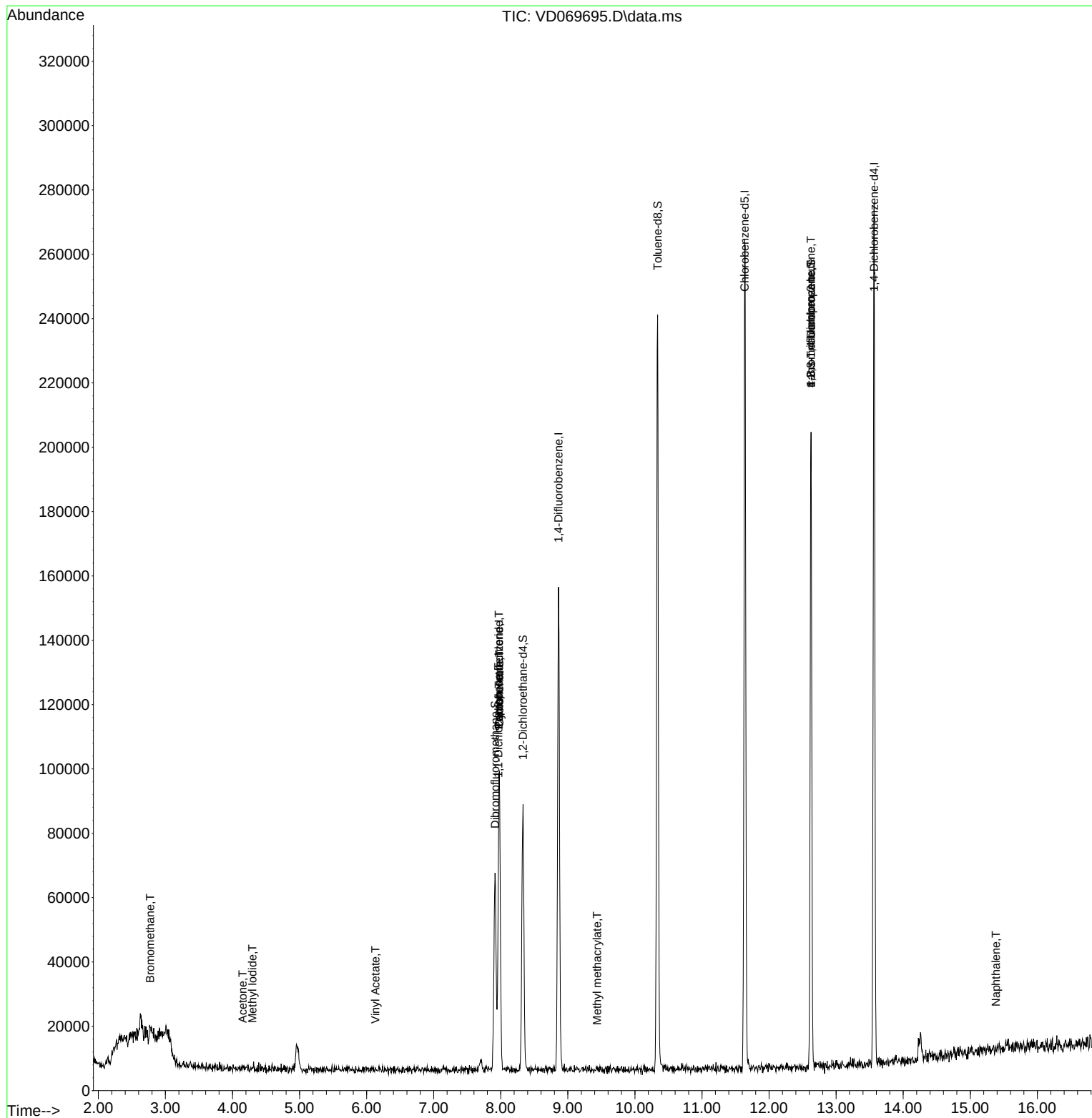
Internal Standards						
1) Pentafluorobenzene	7.973	168	64462	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	123998	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	154314	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	71196	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	63358	78.716	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 157.440%			
35) Dibromofluoromethane	7.914	113	44755	53.800	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.600%			
50) Toluene-d8	10.337	98	162528	50.290	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 100.580%			
62) 4-Bromofluorobenzene	12.626	95	70782	65.669	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 131.340%			
Target Compounds			Qvalue			
5) Bromomethane	2.773	94	2303	2.157	ug/l	86
10) Methyl Iodide	4.297	142	634	3.220	ug/l #	53
16) Acetone	4.150	43	714	16.940	ug/l #	39
18) Methyl Acetate	4.644	43	68	Below Cal	#	49
23) Vinyl Acetate	6.132	43	63	15.471	ug/l #	72
31) Cyclohexane	7.979	56	1765	1.683	ug/l #	1
36) 1,1-Dichloropropene	7.967	75	5770	4.511	ug/l #	42
38) Carbon Tetrachloride	7.973	117	6789	5.796	ug/l #	13
48) Methyl methacrylate	9.437	41	55	1.219	ug/l #	13
76) 1,2,3-Trichloropropane	12.626	75	33451	48.364	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	33451	129.976	ug/l #	14
95) Naphthalene	15.384	128	523	2.427	ug/l #	69

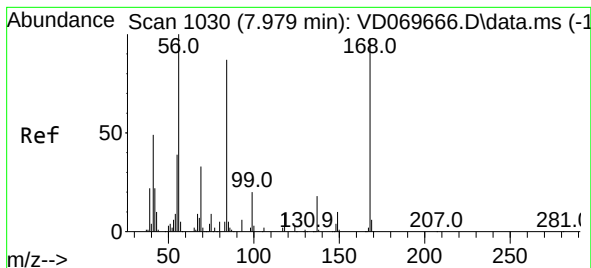
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jul 14 06:00:31 2021
Response via : Initial Calibration



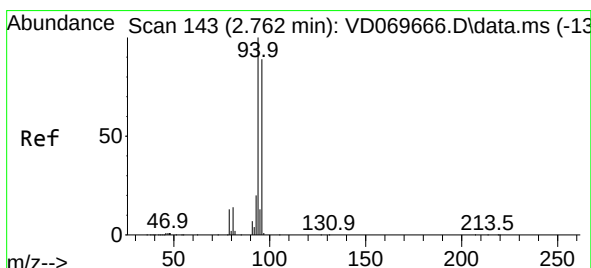
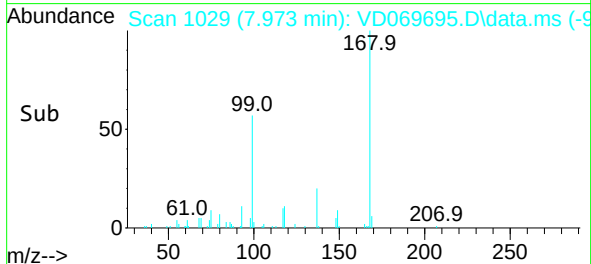
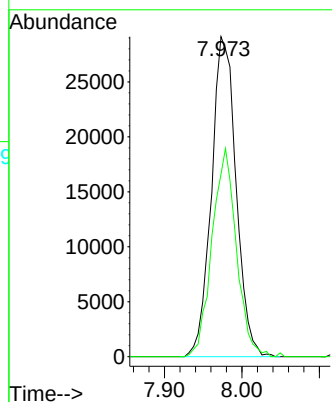
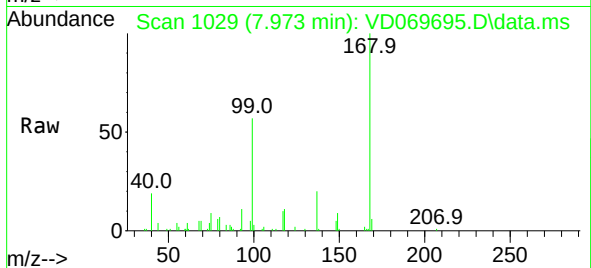


#1

Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD069695.D
Acq: 14 Jul 2021 18:37

Instrument :
MSVOA_D
ClientSampled :

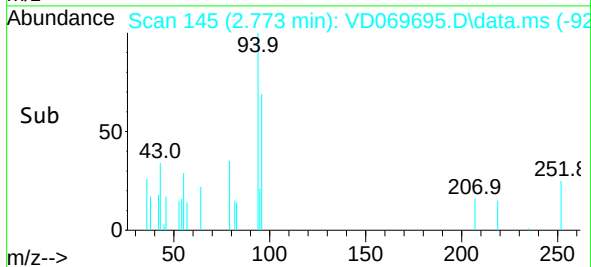
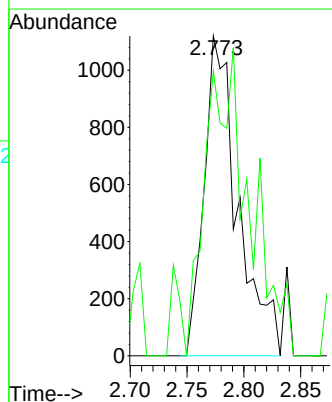
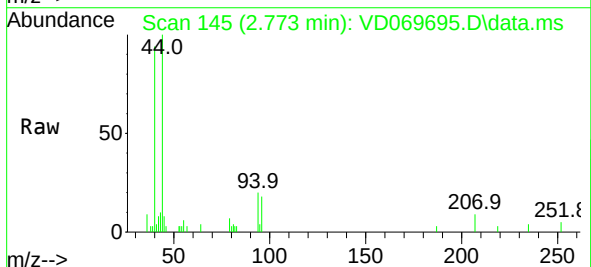
Tgt Ion:168 Resp: 64462
Ion Ratio Lower Upper
168 100
99 57.1 51.8 77.6

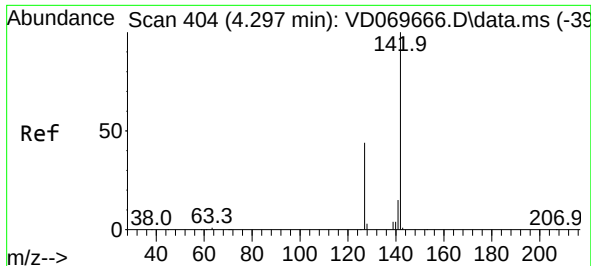


#5

Bromomethane
Concen: 2.157 ug/l
RT: 2.773 min Scan# 145
Delta R.T. 0.011 min
Lab File: VD069695.D
Acq: 14 Jul 2021 18:37

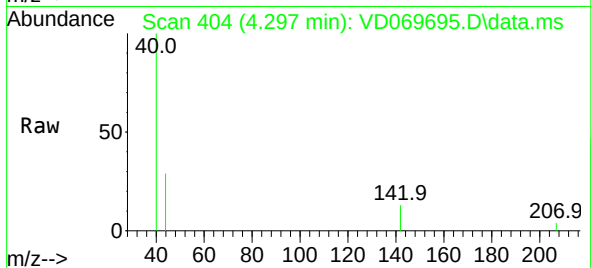
Tgt Ion: 94 Resp: 2303
Ion Ratio Lower Upper
94 100
96 75.4 71.2 106.8



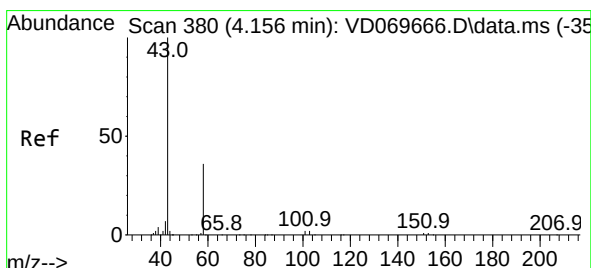
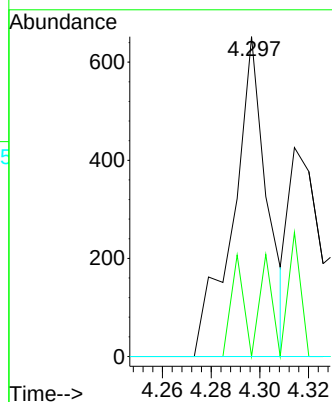
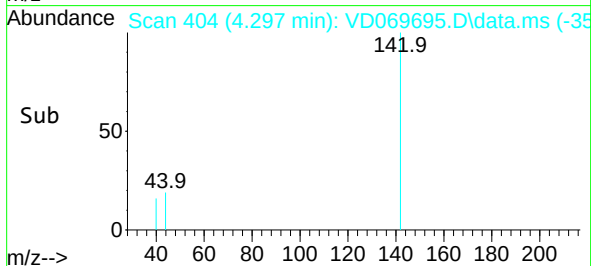


#10
Methyl Iodide
Concen: 3.220 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.000 min
Lab File: VD069695.D
Acq: 14 Jul 2021 18:37

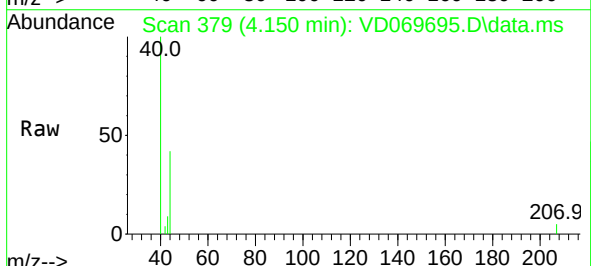
Instrument :
MSVOA_D
ClientSampled :



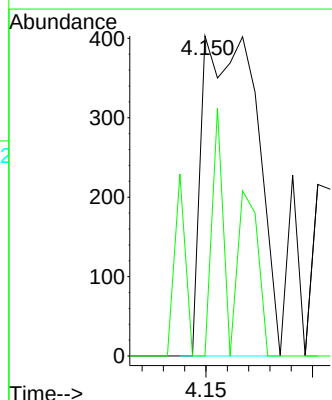
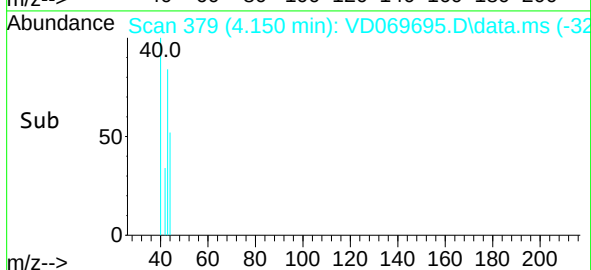
Tgt Ion:142 Resp: 634
Ion Ratio Lower Upper
142 100
127 11.5 36.1 54.1#
141 0.0 11.6 17.4#

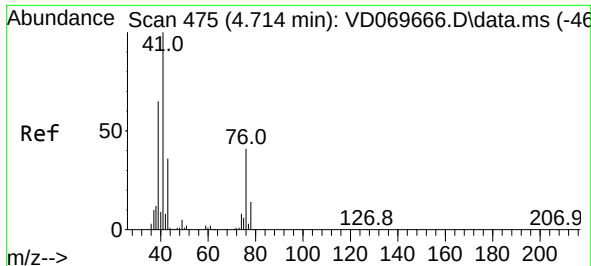


#16
Acetone
Concen: 16.940 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD069695.D
Acq: 14 Jul 2021 18:37



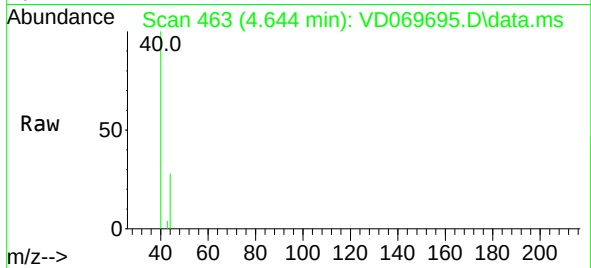
Tgt Ion: 43 Resp: 714
Ion Ratio Lower Upper
43 100
58 0.0 28.6 42.8#



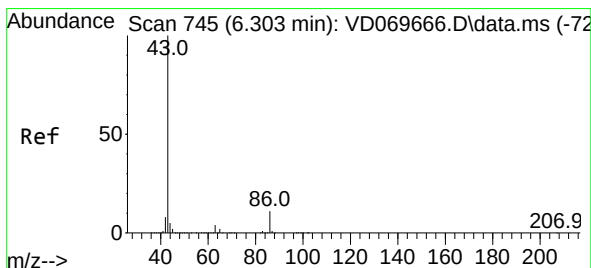
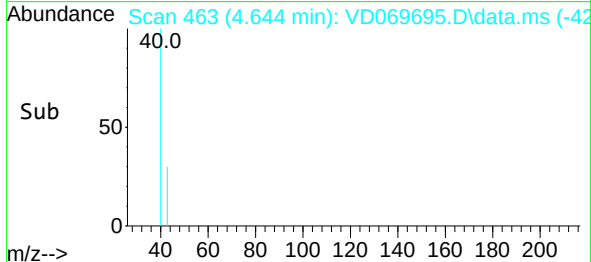
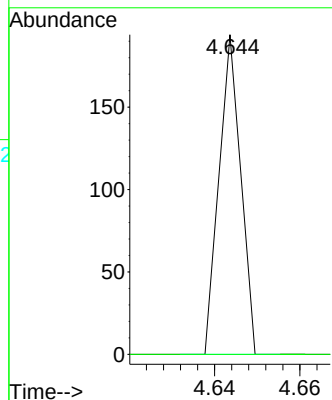


#18
Methyl Acetate
Concen: Below Cal
RT: 4.644 min Scan# 463
Delta R.T. -0.070 min
Lab File: VD069695.D
Acq: 14 Jul 2021 18:37

Instrument :
MSVOA_D
ClientSampleId :

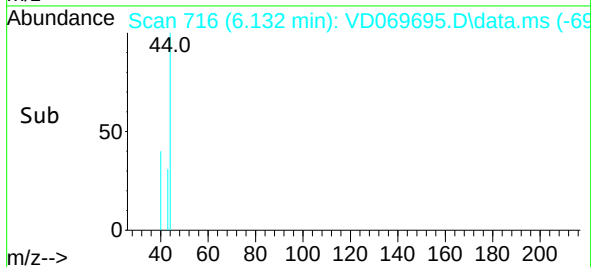
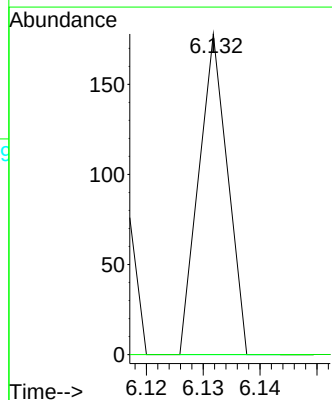
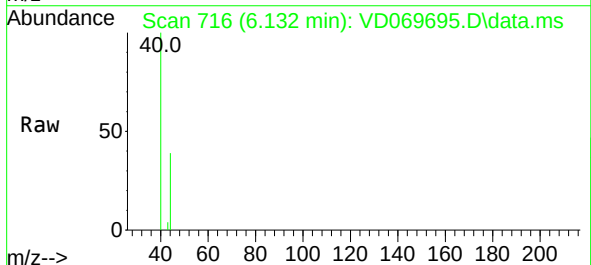


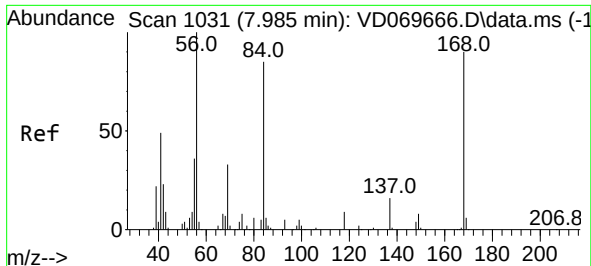
Tgt Ion: 43 Resp: 68
Ion Ratio Lower Upper
43 100
74 0.0 20.6 30.8#



#23
Vinyl Acetate
Concen: 15.471 ug/l
RT: 6.132 min Scan# 716
Delta R.T. -0.171 min
Lab File: VD069695.D
Acq: 14 Jul 2021 18:37

Tgt Ion: 43 Resp: 63
Ion Ratio Lower Upper
43 100
86 0.0 8.6 12.8#

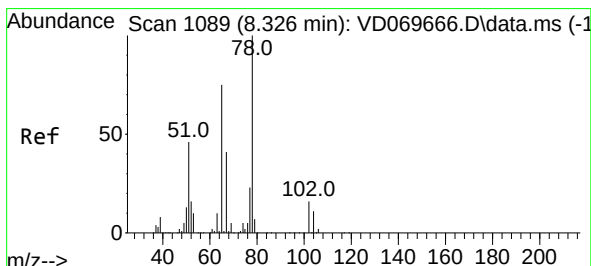
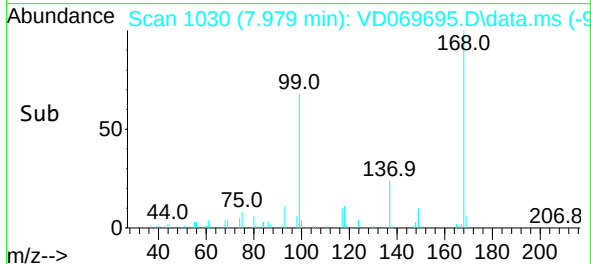
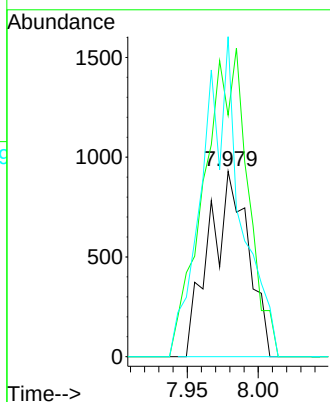
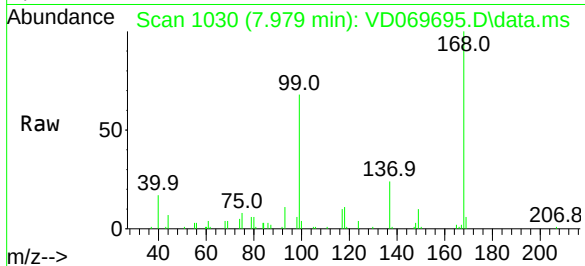




#31
Cyclohexane
Concen: 1.683 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD069695.D
Acq: 14 Jul 2021 18:37

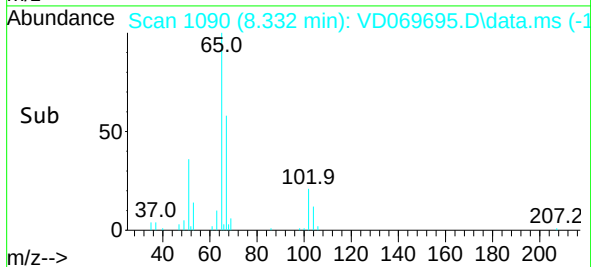
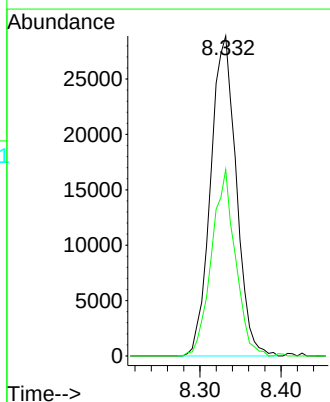
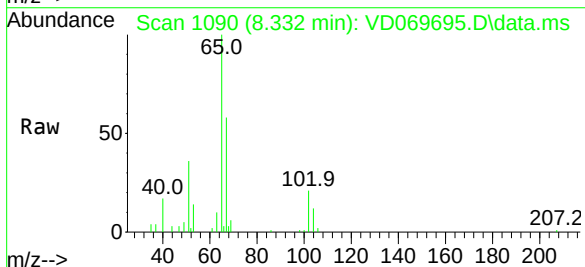
Instrument :
MSVOA_D
ClientSampleId :

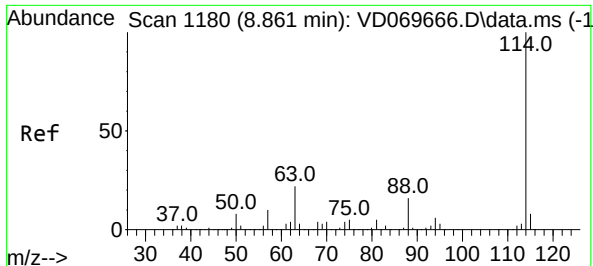
Tgt Ion: 56 Resp: 1765
Ion Ratio Lower Upper
56 100
69 130.2 26.6 39.8#
84 172.7 68.2 102.2#



#33
1,2-Dichloroethane-d4
Concen: 78.716 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD069695.D
Acq: 14 Jul 2021 18:37

Tgt Ion: 65 Resp: 63358
Ion Ratio Lower Upper
65 100
67 54.1 0.0 107.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD069695.D

Acq: 14 Jul 2021 18:37

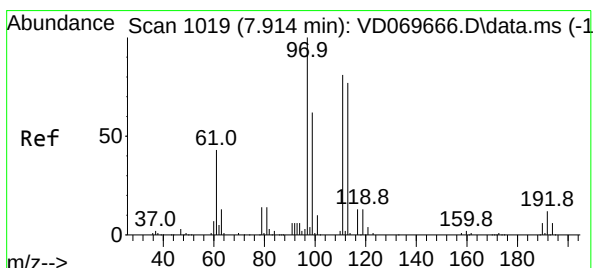
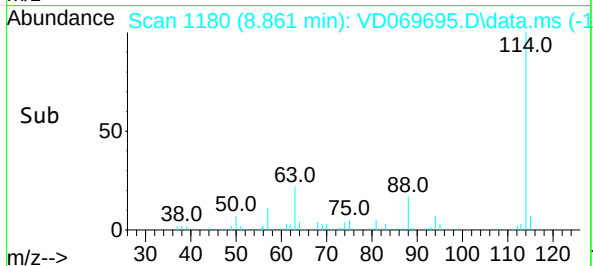
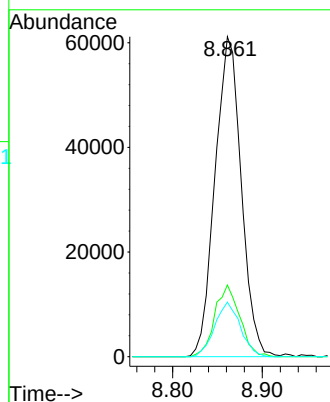
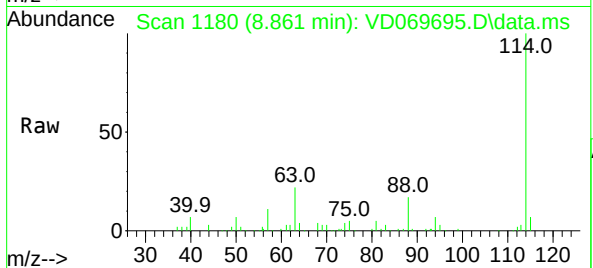
Tgt Ion:114 Resp: 123998

Ion Ratio Lower Upper

114 100

63 22.4 0.0 43.4

88 17.1 0.0 32.0



#35

Dibromofluoromethane

Concen: 53.800 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD069695.D

Acq: 14 Jul 2021 18:37

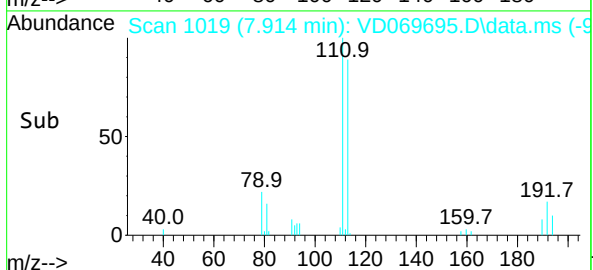
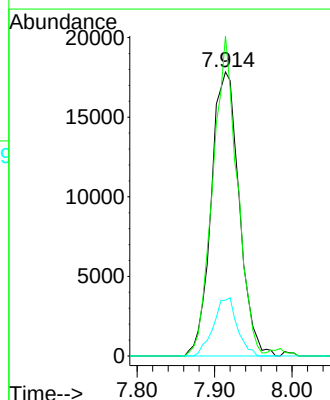
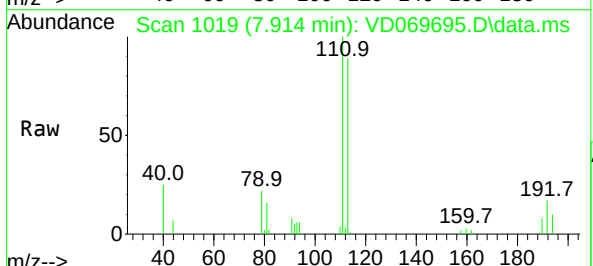
Tgt Ion:113 Resp: 44755

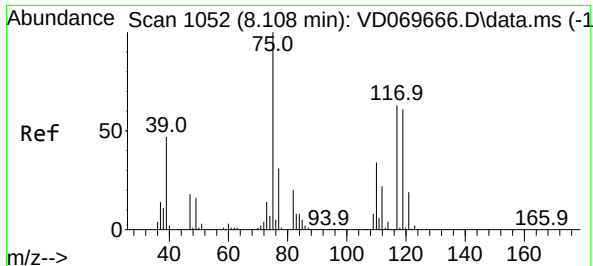
Ion Ratio Lower Upper

113 100

111 98.7 82.6 123.8

192 17.3 12.7 19.1

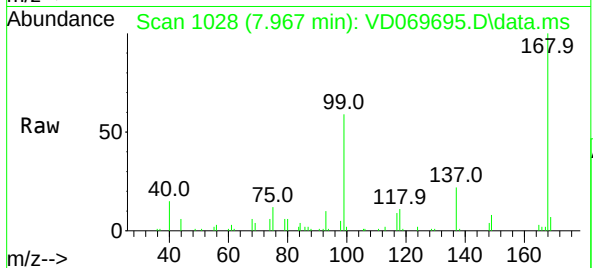




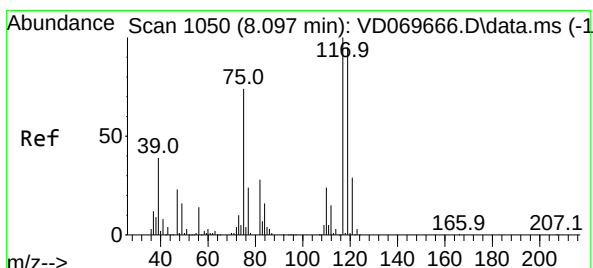
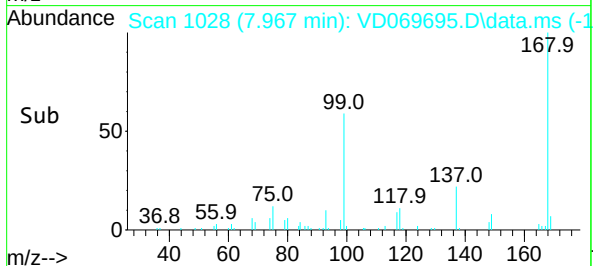
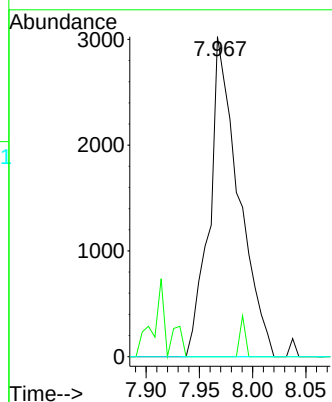
#36

1,1-Dichloropropene
Concen: 4.511 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.141 min
Lab File: VD069695.D
Acq: 14 Jul 2021 18:37

Instrument :
MSVOA_D
ClientSampled :

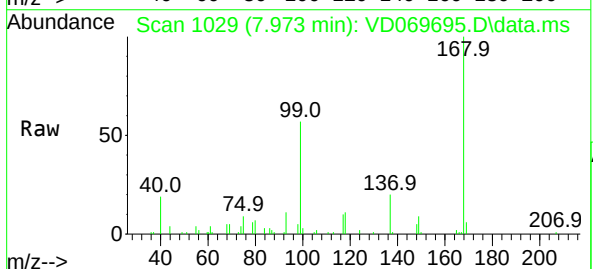


Tgt Ion:	75	Resp:	5770
Ion	Ratio	Lower	Upper
75	100		
110	0.0	16.7	50.0#
77	0.0	25.3	37.9#

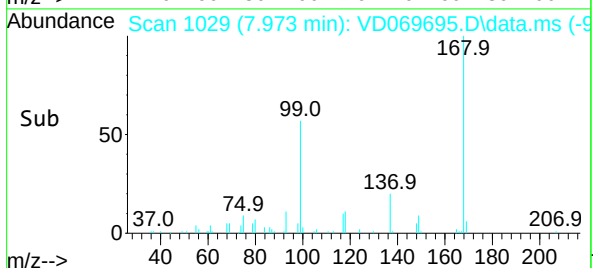
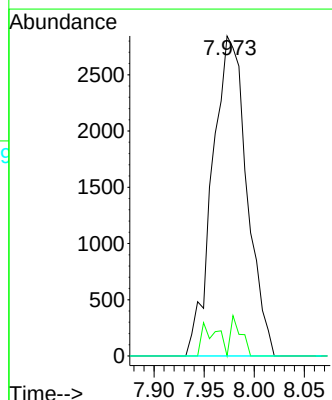


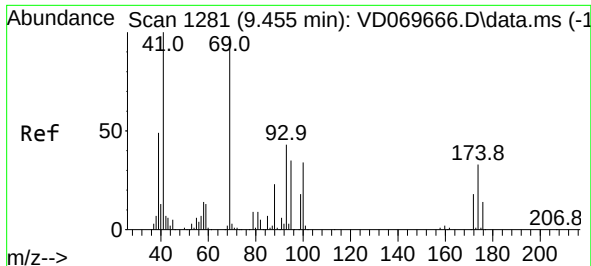
#38

Carbon Tetrachloride
Concen: 5.796 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.124 min
Lab File: VD069695.D
Acq: 14 Jul 2021 18:37



Tgt Ion:	117	Resp:	6789
Ion	Ratio	Lower	Upper
117	100		
119	0.0	75.7	113.5#
121	0.0	23.0	34.6#





#48

Methyl methacrylate

Concen: 1.219 ug/l

RT: 9.437 min Scan# 1278

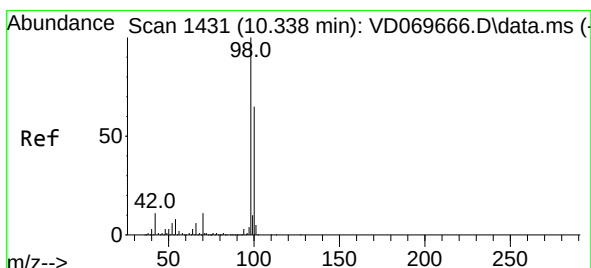
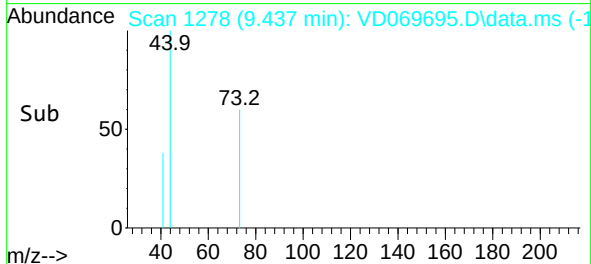
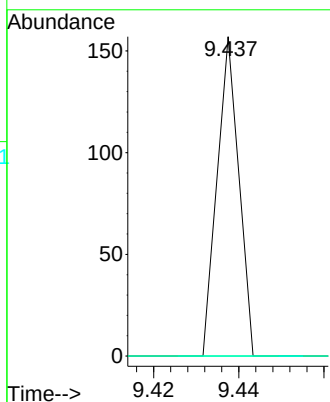
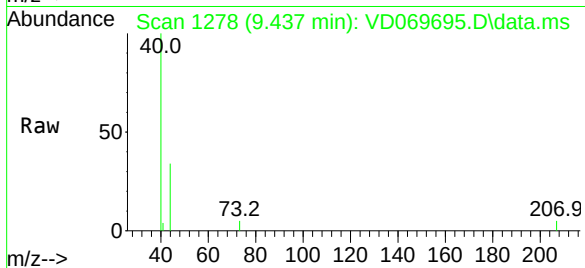
Delta R.T. -0.018 min

Lab File: VD069695.D

Acq: 14 Jul 2021 18:37

Tgt Ion:	41	Resp:	55
Ion	Ratio	Lower	Upper
41	100		
69	0.0	71.6	107.4#
39	0.0	36.7	55.1#

Instrument :
MSVOA_D
ClientSampleId :



#50

Toluene-d8

Concen: 50.290 ug/l

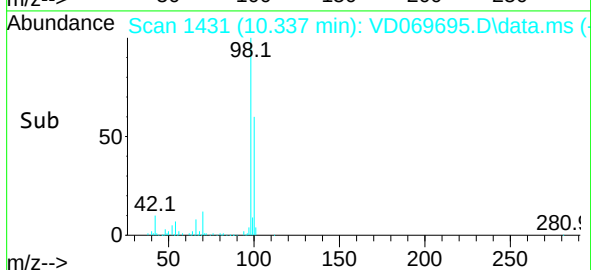
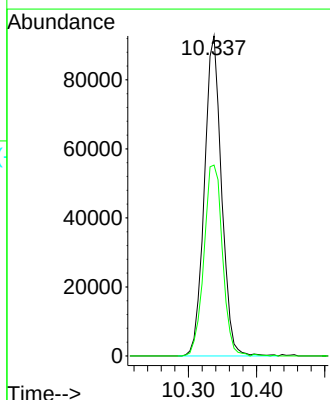
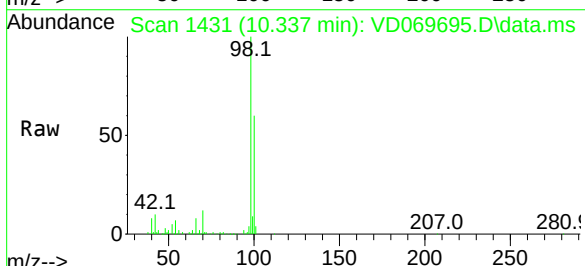
RT: 10.337 min Scan# 1431

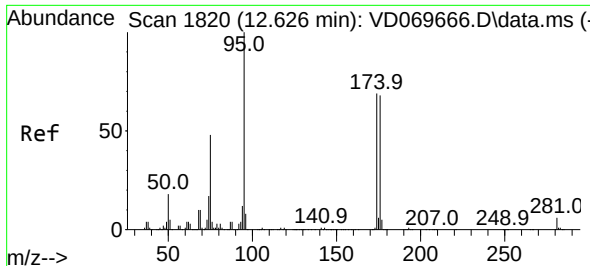
Delta R.T. -0.001 min

Lab File: VD069695.D

Acq: 14 Jul 2021 18:37

Tgt Ion:	98	Resp:	162528
Ion	Ratio	Lower	Upper
98	100		
100	64.1	52.2	78.2

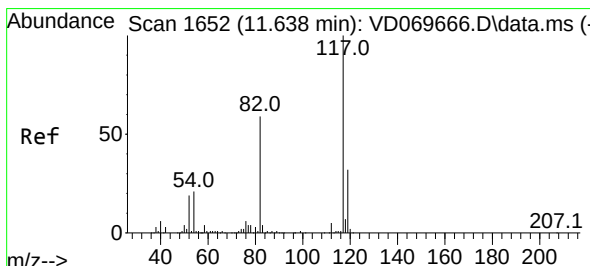
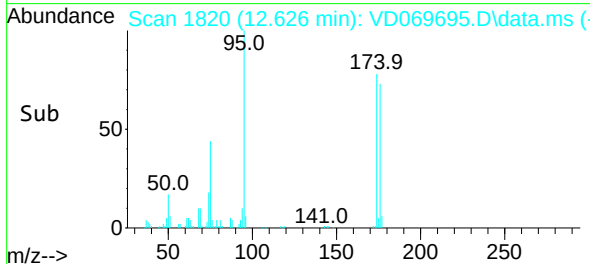
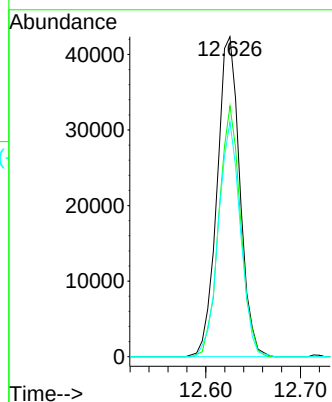
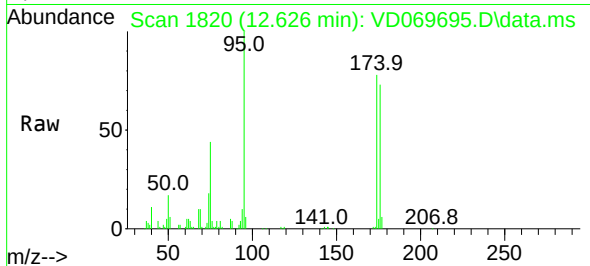




#62
4-Bromofluorobenzene
Concen: 65.669 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069695.D
Acq: 14 Jul 2021 18:37

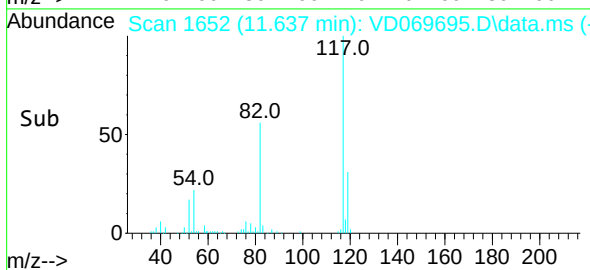
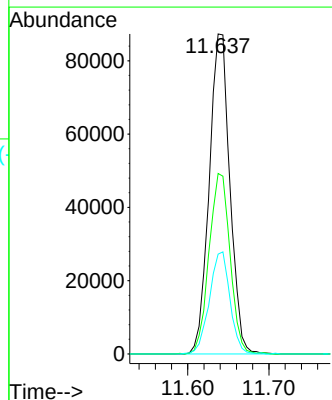
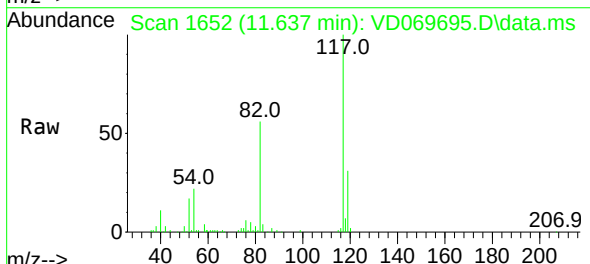
Instrument :
MSVOA_D
ClientSampleId :

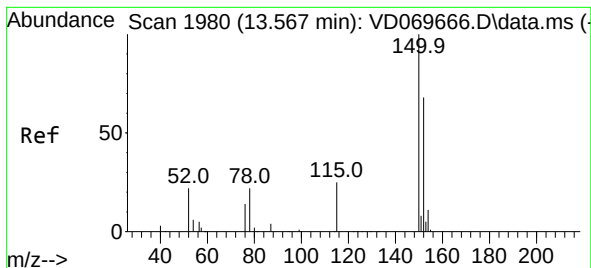
Tgt Ion: 95 Resp: 70782
Ion Ratio Lower Upper
95 100
174 74.6 0.0 140.0
176 71.0 0.0 136.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. -0.001 min
Lab File: VD069695.D
Acq: 14 Jul 2021 18:37

Tgt Ion: 117 Resp: 154314
Ion Ratio Lower Upper
117 100
82 56.4 47.4 71.2
119 31.2 25.5 38.3

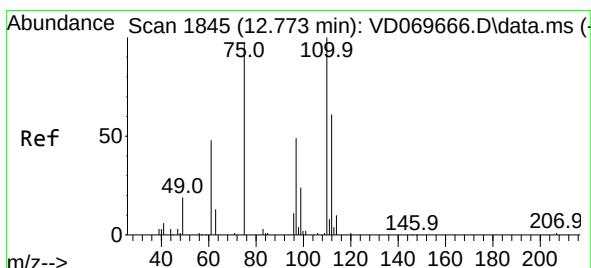
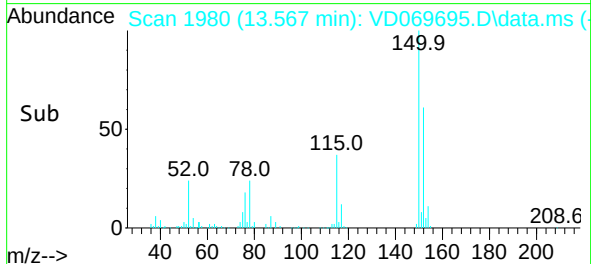
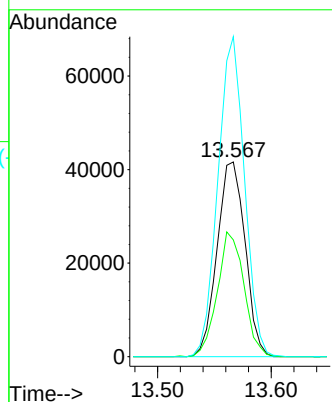
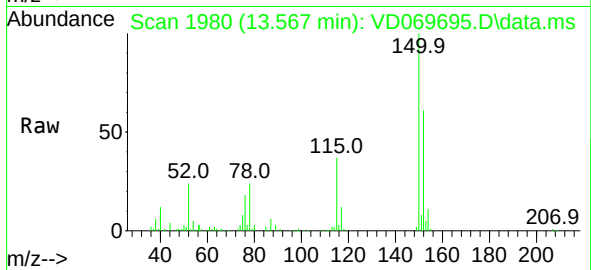




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. -0.000 min
 Lab File: VD069695.D
 Acq: 14 Jul 2021 18:37

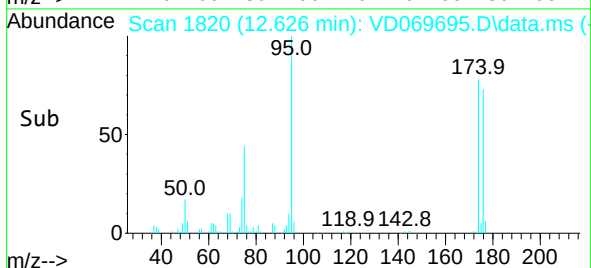
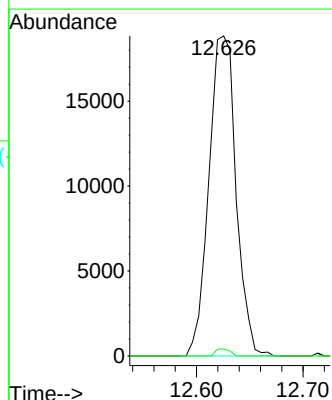
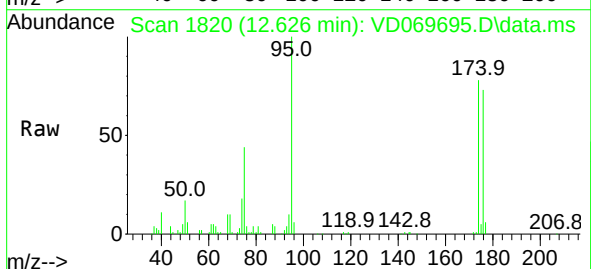
Instrument :
 MSVOA_D
 ClientSampleId :

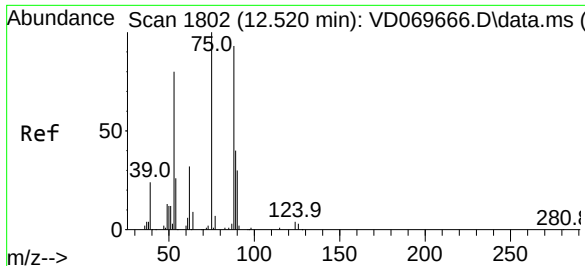
Tgt Ion:152 Resp: 71196
 Ion Ratio Lower Upper
 152 100
 115 61.0 31.7 95.1
 150 156.5 0.0 350.4



#76
 1,2,3-Trichloropropane
 Concen: 48.364 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. -0.147 min
 Lab File: VD069695.D
 Acq: 14 Jul 2021 18:37

Tgt Ion: 75 Resp: 33451
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#

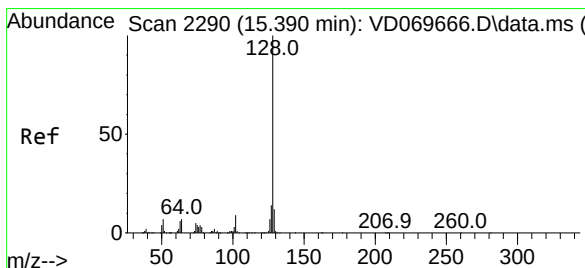
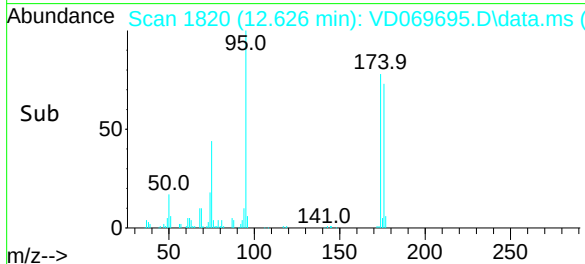
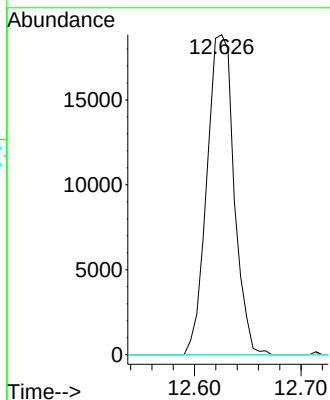
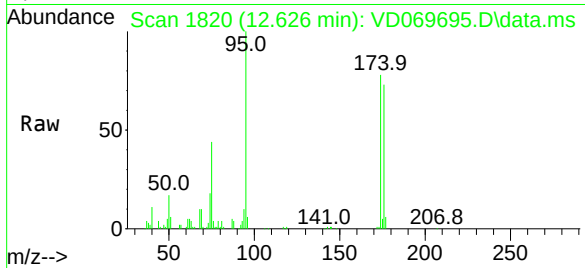




#81
trans-1,4-Dichloro-2-butene
Concen: 129.976 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD069695.D
Acq: 14 Jul 2021 18:37

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 33451
Ion Ratio Lower Upper
75 100
53 0.0 70.6 106.0#
89 0.0 35.1 52.7#



#95
Naphthalene
Concen: 2.427 ug/l
RT: 15.384 min Scan# 2289
Delta R.T. -0.006 min
Lab File: VD069695.D
Acq: 14 Jul 2021 18:37

Tgt Ion:128 Resp: 523
Ion Ratio Lower Upper
128 100
127 0.0 10.6 16.0#
129 0.0 8.8 13.2#

