

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080221\
 Data File : VD069951.D
 Acq On : 02 Aug 2021 12:48
 Operator : VA/SY
 Sample : M3253-01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Aug 03 02:56:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 04:51:13 2021
 Response via : Initial Calibration

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

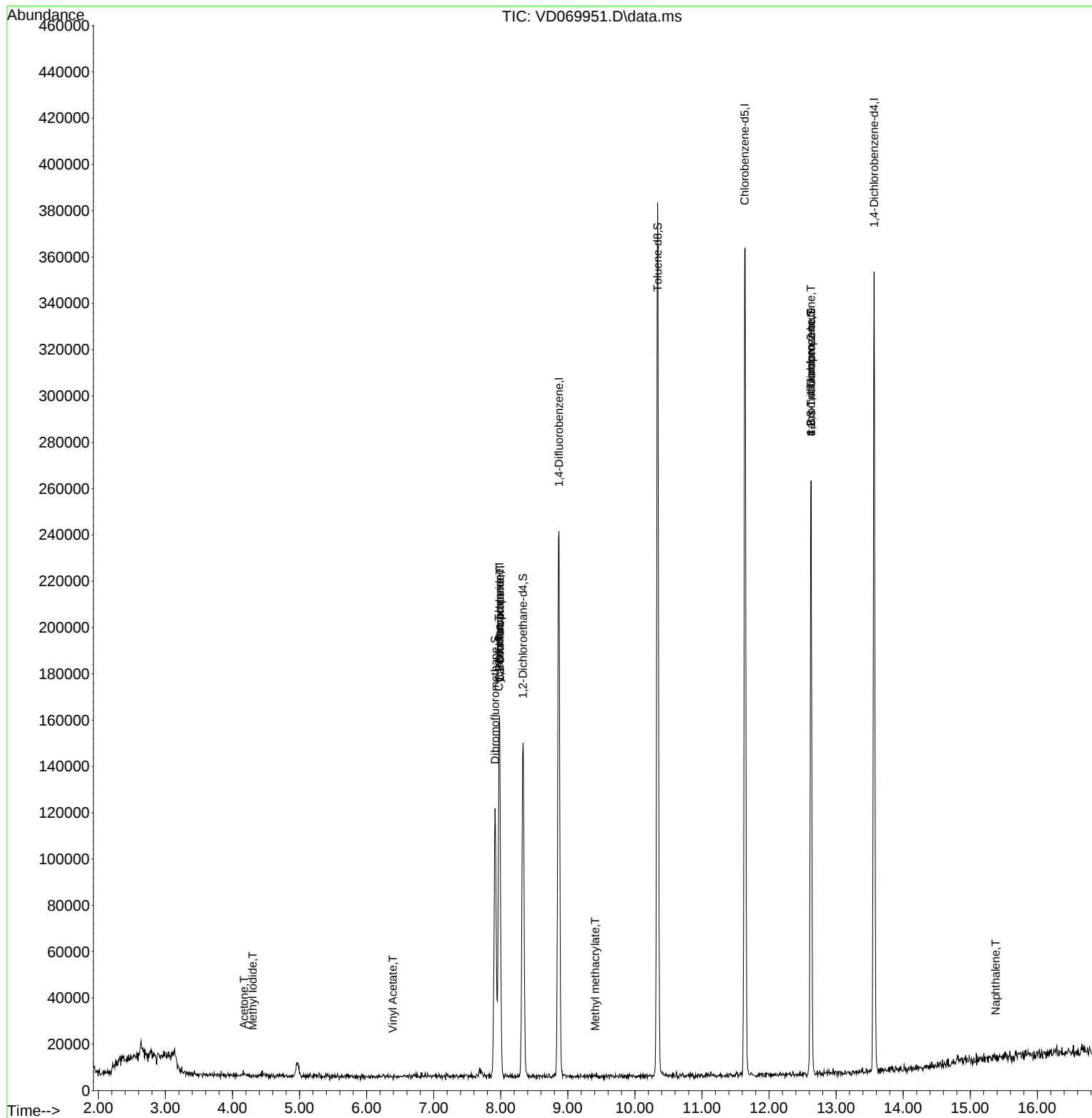
Internal Standards						
1) Pentafluorobenzene	7.979	168	110335	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	208644	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	217385	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	89343	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	113090	89.121	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 178.240%#			
35) Dibromofluoromethane	7.914	113	81900	62.268	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 124.540%			
50) Toluene-d8	10.337	98	269402	53.119	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 106.240%			
62) 4-Bromofluorobenzene	12.625	95	86564	51.071	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 102.140%			
Target Compounds						
					Qvalue	
5) Bromomethane	2.797	94	1996	Below Cal	#	63
10) Methyl Iodide	4.302	142	831	4.026	ug/l #	75
16) Acetone	4.173	43	1591	6.941	ug/l #	38
20) Methylene Chloride	4.967	84	5109	Below Cal		87
23) Vinyl Acetate	6.391	43	59	20.374	ug/l #	71
31) Cyclohexane	7.973	56	3016	1.216	ug/l #	1
36) 1,1-Dichloropropene	7.985	75	10652	4.731	ug/l #	50
38) Carbon Tetrachloride	7.985	117	12194	5.929	ug/l #	16
48) Methyl methacrylate	9.408	41	114	2.884	ug/l #	13
76) 1,2,3-Trichloropropane	12.625	75	42408	44.656	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.625	75	42408	135.476	ug/l #	16
95) Naphthalene	15.378	128	335	5.102	ug/l #	69

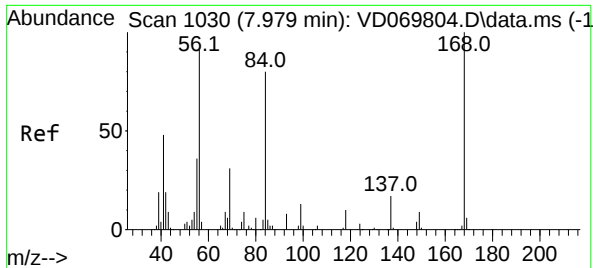
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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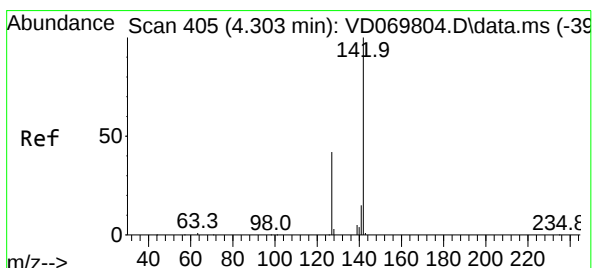
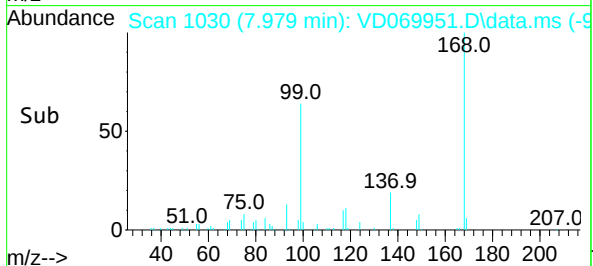
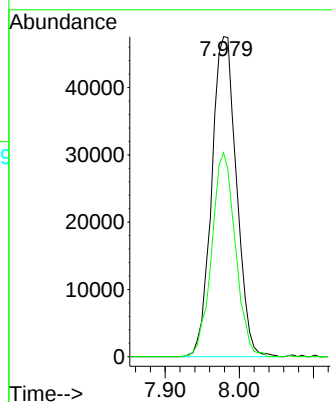
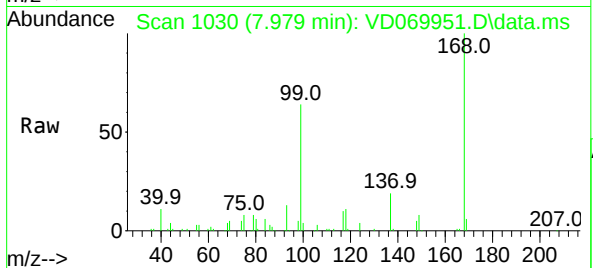




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD069951.D
Acq: 02 Aug 2021 12:48

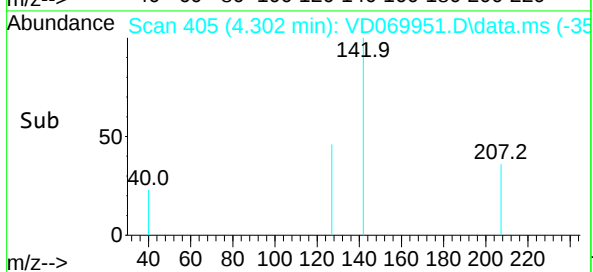
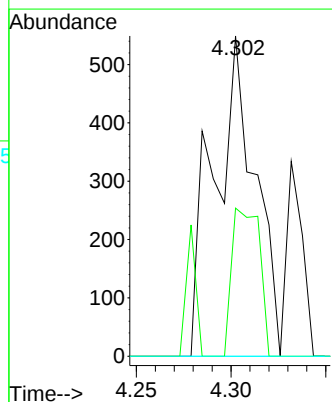
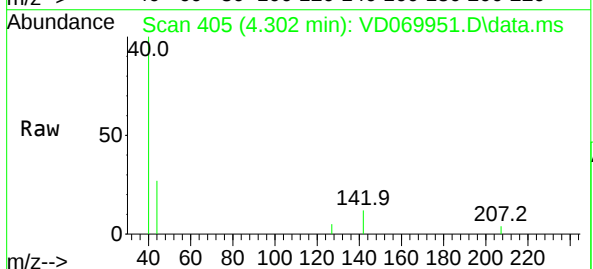
Instrument :
MSVOA_D
ClientSampleId :

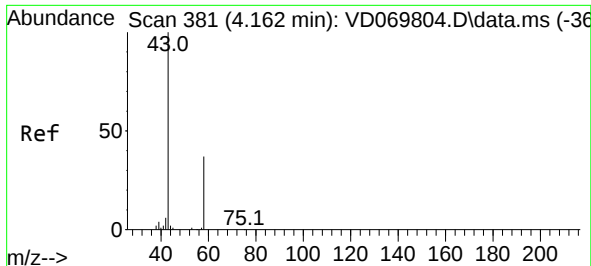
Tgt Ion:168 Resp: 110335
Ion Ratio Lower Upper
168 100
99 63.7 51.1 76.7



#10
Methyl Iodide
Concen: 4.026 ug/l
RT: 4.302 min Scan# 405
Delta R.T. -0.001 min
Lab File: VD069951.D
Acq: 02 Aug 2021 12:48

Tgt Ion:142 Resp: 831
Ion Ratio Lower Upper
142 100
127 31.0 35.7 53.5#
141 0.0 12.0 18.0#

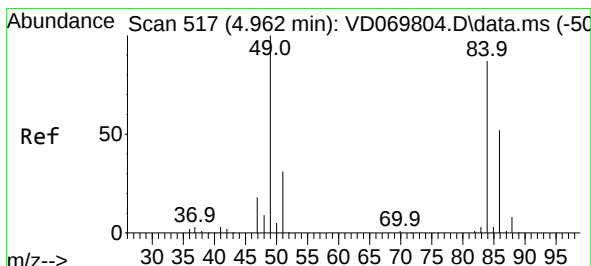
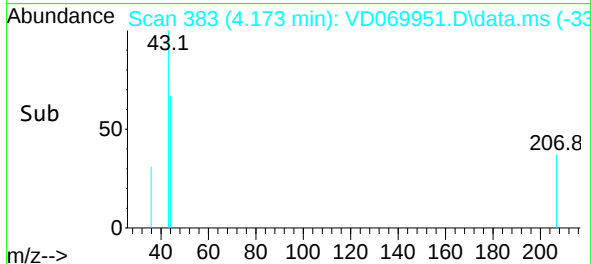
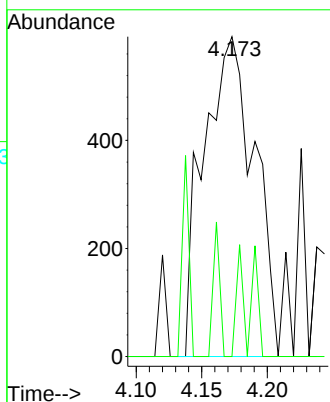
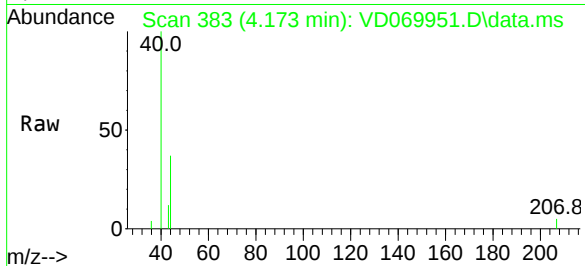




#16
Acetone
Concen: 6.941 ug/l
RT: 4.173 min Scan# 383
Delta R.T. 0.011 min
Lab File: VD069951.D
Acq: 02 Aug 2021 12:48

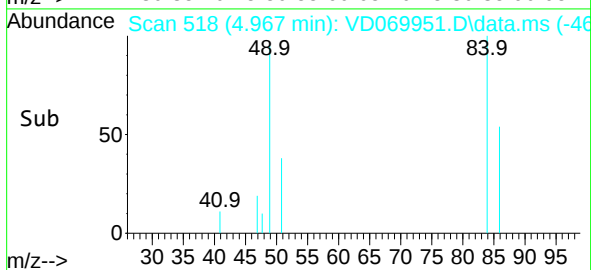
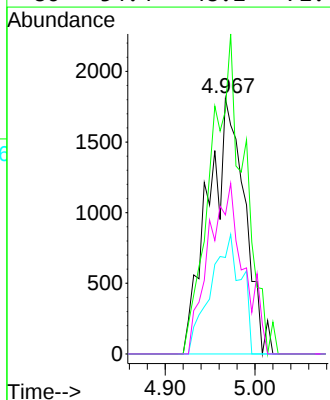
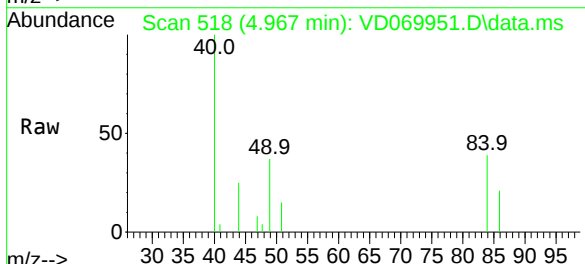
Instrument :
MSVOA_D
ClientSampleId :

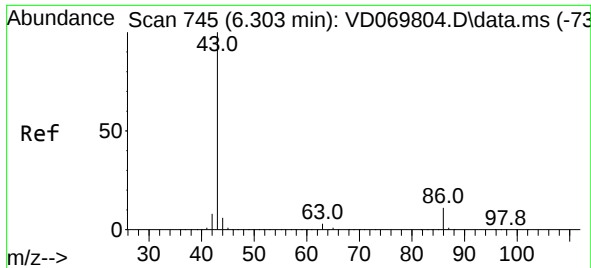
Tgt Ion: 43 Resp: 1591
Ion Ratio Lower Upper
43 100
58 0.0 29.4 44.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. 0.005 min
Lab File: VD069951.D
Acq: 02 Aug 2021 12:48

Tgt Ion: 84 Resp: 5109
Ion Ratio Lower Upper
84 100
49 95.1 92.4 138.6
51 37.7 28.5 42.7
86 54.4 48.2 72.4

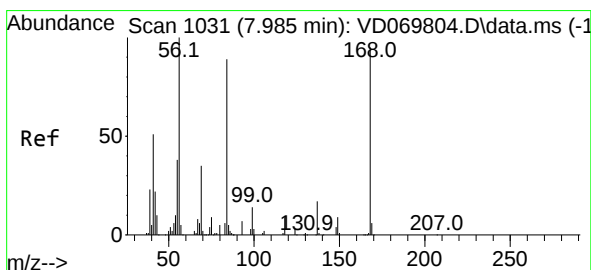
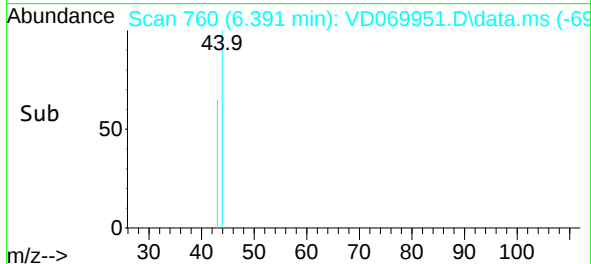
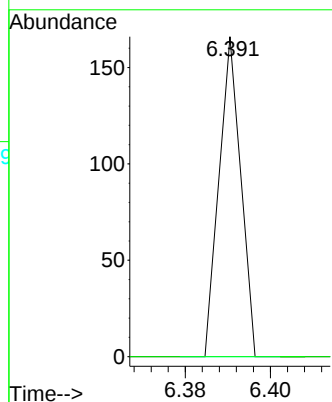
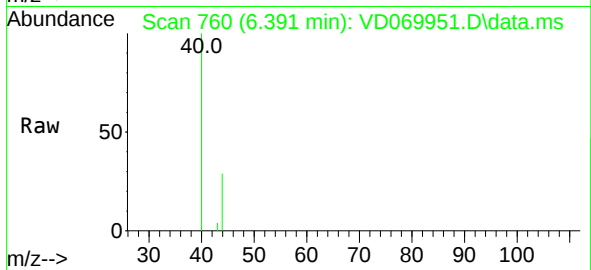




#23
 Vinyl Acetate
 Concen: 20.374 ug/l
 RT: 6.391 min Scan# 760
 Delta R.T. 0.088 min
 Lab File: VD069951.D
 Acq: 02 Aug 2021 12:48

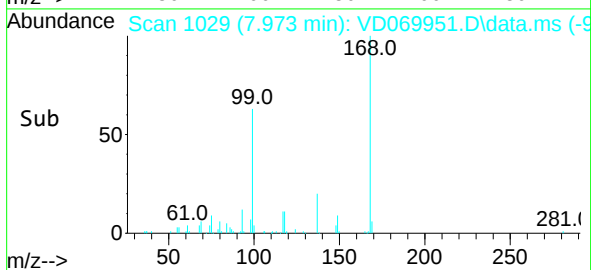
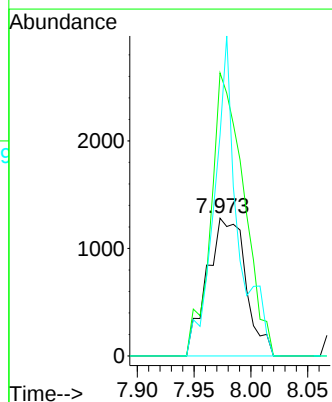
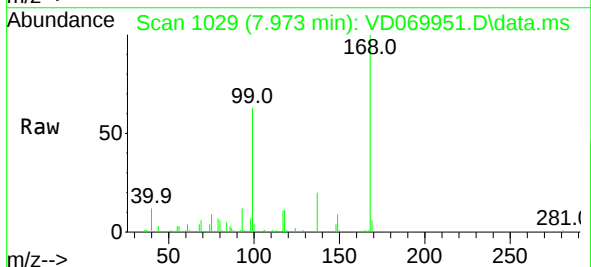
Instrument :
 MSVOA_D
 ClientSampleId :

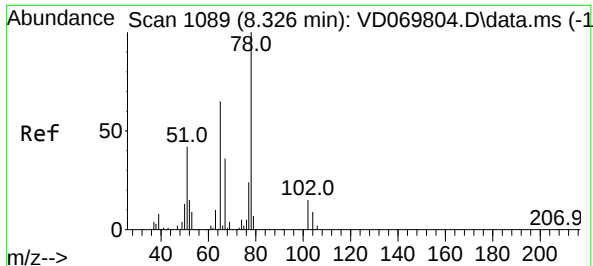
Tgt Ion: 43 Resp: 59
 Ion Ratio Lower Upper
 43 100
 86 0.0 8.6 13.0#



#31
 Cyclohexane
 Concen: 1.216 ug/l
 RT: 7.973 min Scan# 1029
 Delta R.T. -0.012 min
 Lab File: VD069951.D
 Acq: 02 Aug 2021 12:48

Tgt Ion: 56 Resp: 3016
 Ion Ratio Lower Upper
 56 100
 69 205.5 27.9 41.9#
 84 160.3 71.4 107.2#



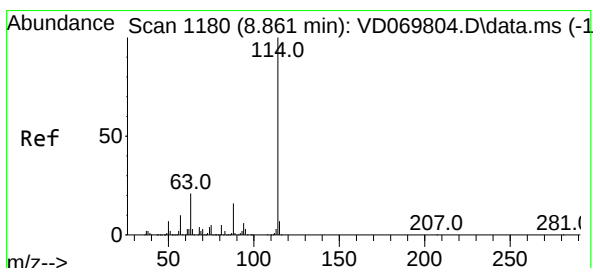
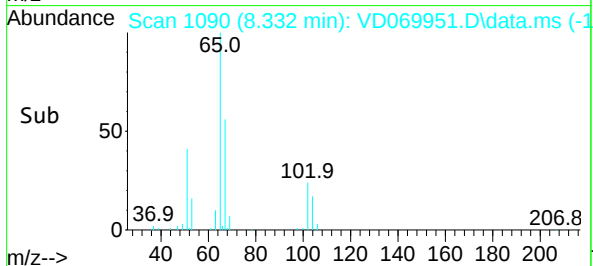
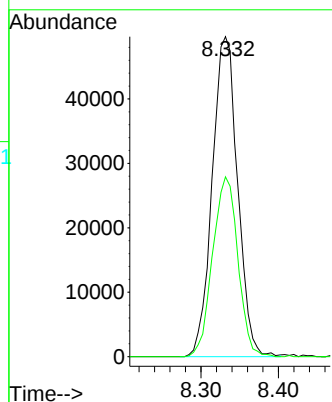
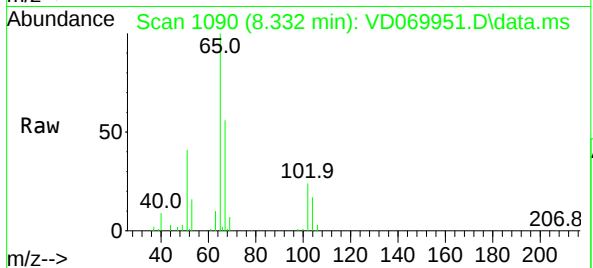


#33

1,2-Dichloroethane-d4
Concen: 89.121 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.005 min
Lab File: VD069951.D
Acq: 02 Aug 2021 12:48

Instrument :
MSVOA_D
ClientSampleId :

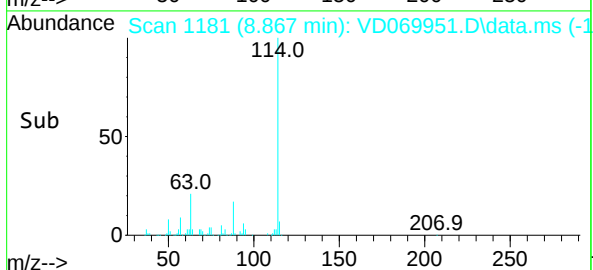
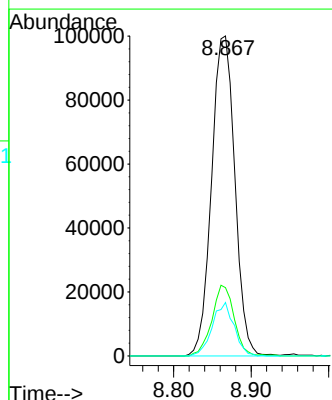
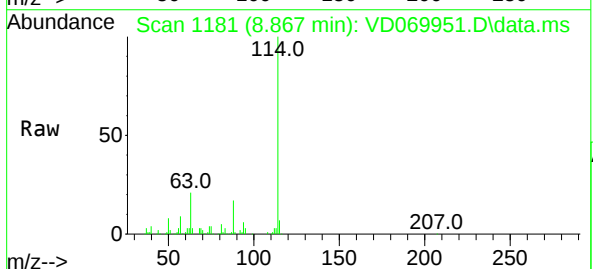
Tgt Ion: 65 Resp: 113090
Ion Ratio Lower Upper
65 100
67 55.8 0.0 111.2

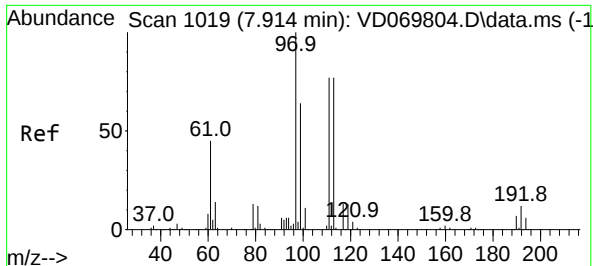


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.006 min
Lab File: VD069951.D
Acq: 02 Aug 2021 12:48

Tgt Ion: 114 Resp: 208644
Ion Ratio Lower Upper
114 100
63 21.3 0.0 41.6
88 16.7 0.0 31.4





#35

Dibromofluoromethane

Concen: 62.268 ug/l

RT: 7.914 min Scan# 1019

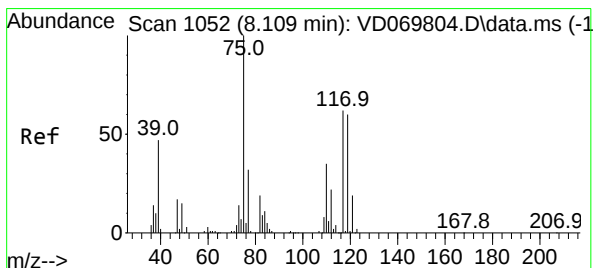
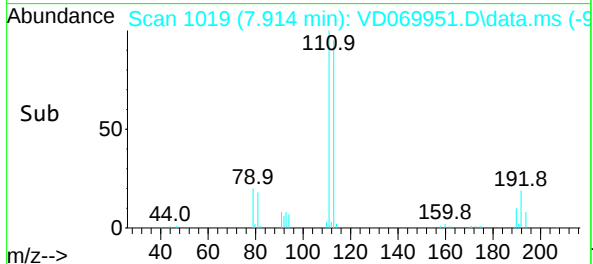
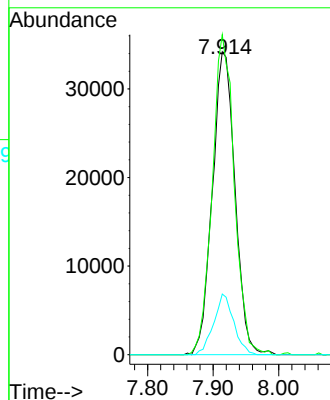
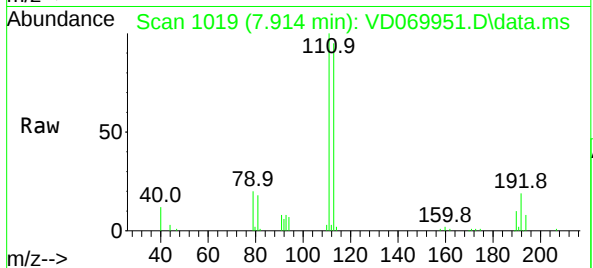
Delta R.T. -0.000 min

Lab File: VD069951.D

Acq: 02 Aug 2021 12:48

Tgt Ion:	113	Resp:	81900
Ion	Ratio	Lower	Upper
113	100		
111	103.1	80.5	120.7
192	17.7	12.6	19.0

Instrument :
MSVOA_D
ClientSampleId :



#36

1,1-Dichloropropene

Concen: 4.731 ug/l

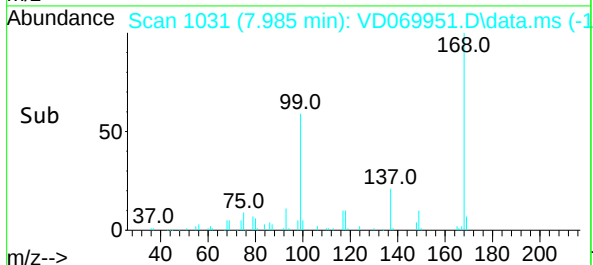
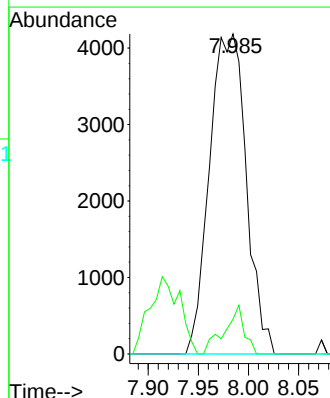
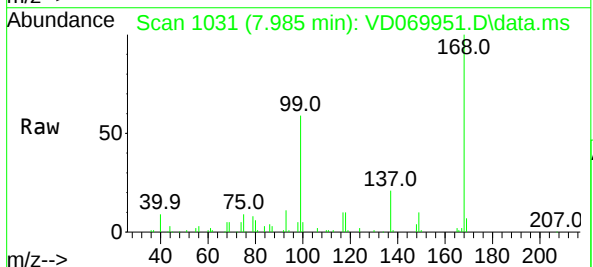
RT: 7.985 min Scan# 1031

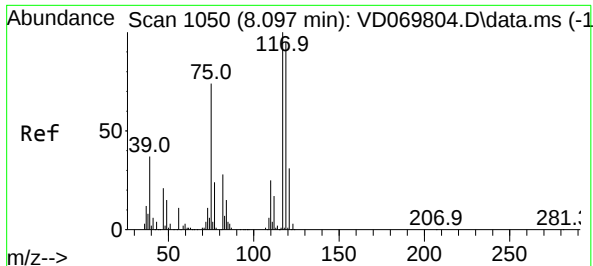
Delta R.T. -0.124 min

Lab File: VD069951.D

Acq: 02 Aug 2021 12:48

Tgt Ion:	75	Resp:	10652
Ion	Ratio	Lower	Upper
75	100		
110	8.2	16.9	50.7#
77	0.0	24.9	37.3#





#38

Carbon Tetrachloride

Concen: 5.929 ug/l

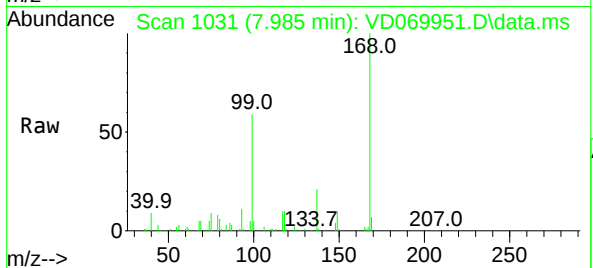
RT: 7.985 min Scan# 1031

Delta R.T. -0.112 min

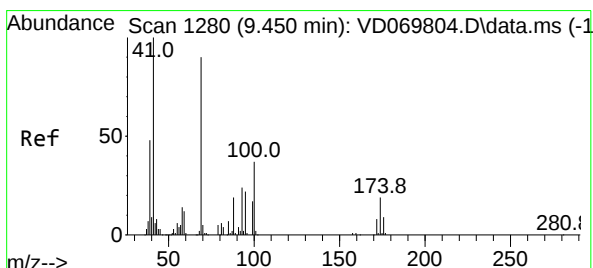
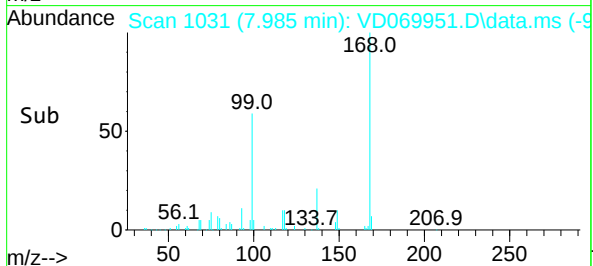
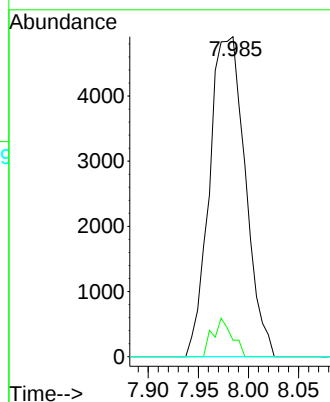
Lab File: VD069951.D

Acq: 02 Aug 2021 12:48

Instrument :
MSVOA_D
ClientSampled :



Tgt Ion:	117	Resp:	12194
Ion	Ratio	Lower	Upper
117	100		
119	5.2	76.2	114.2#
121	0.0	24.5	36.7#



#48

Methyl methacrylate

Concen: 2.884 ug/l

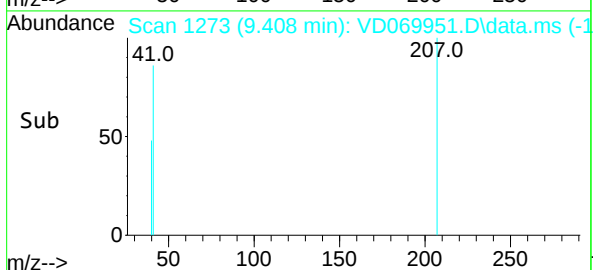
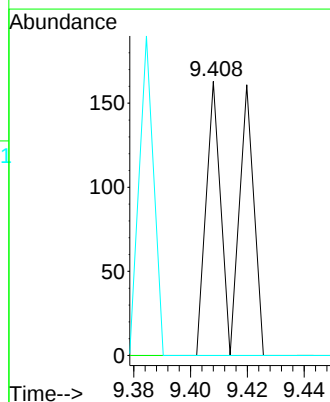
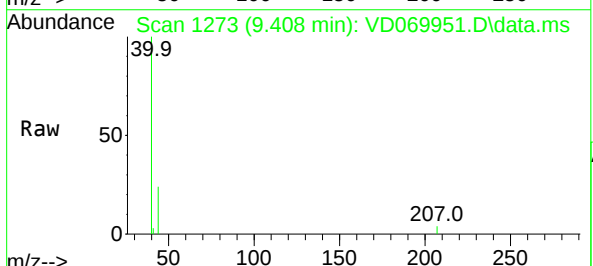
RT: 9.408 min Scan# 1273

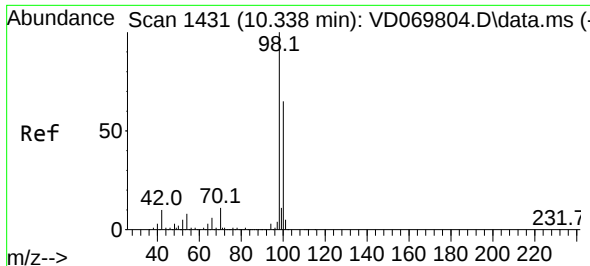
Delta R.T. -0.042 min

Lab File: VD069951.D

Acq: 02 Aug 2021 12:48

Tgt Ion:	41	Resp:	114
Ion	Ratio	Lower	Upper
41	100		
69	0.0	73.4	110.2#
39	0.0	36.6	55.0#

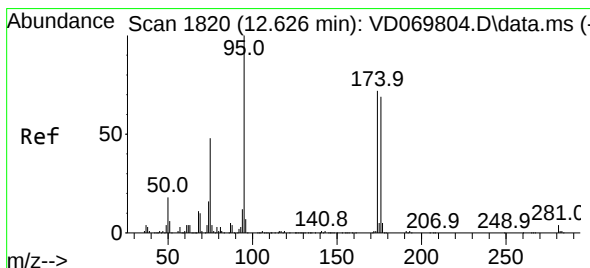
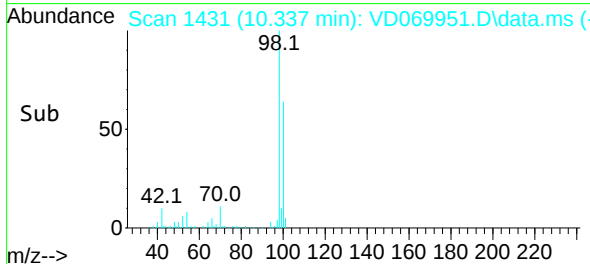
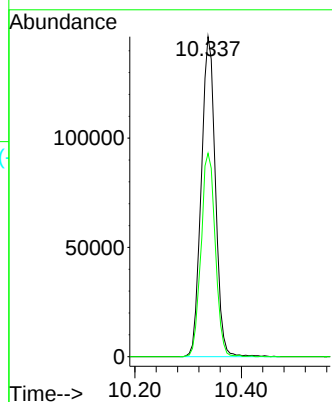
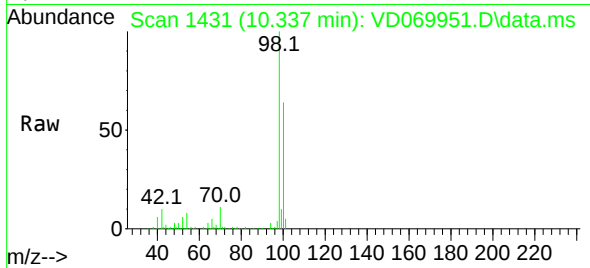




#50
Toluene-d8
Concen: 53.119 ug/l
RT: 10.337 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069951.D
Acq: 02 Aug 2021 12:48

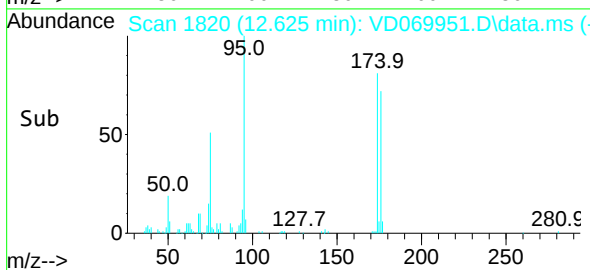
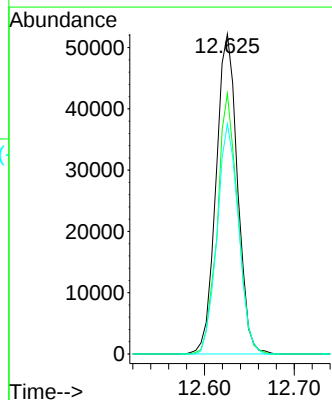
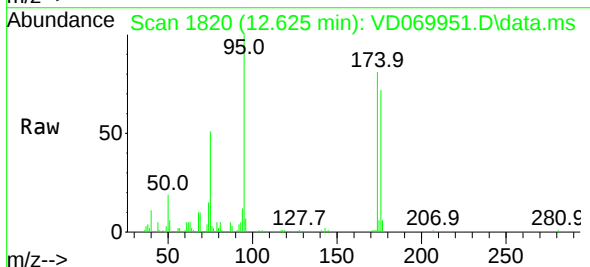
Instrument :
MSVOA_D
ClientSampleId :

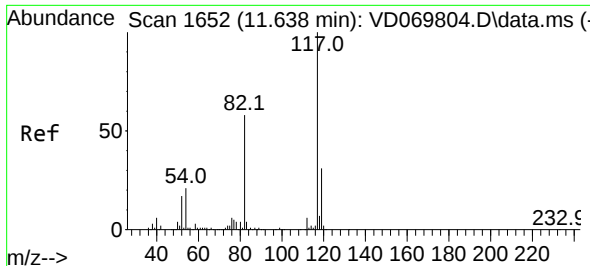
Tgt Ion: 98 Resp: 269402
Ion Ratio Lower Upper
98 100
100 64.1 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 51.071 ug/l
RT: 12.625 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069951.D
Acq: 02 Aug 2021 12:48

Tgt Ion: 95 Resp: 86564
Ion Ratio Lower Upper
95 100
174 77.4 0.0 142.6
176 71.6 0.0 134.2

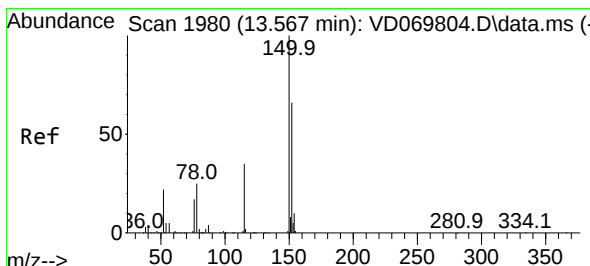
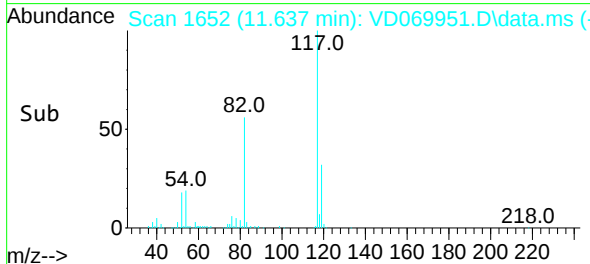
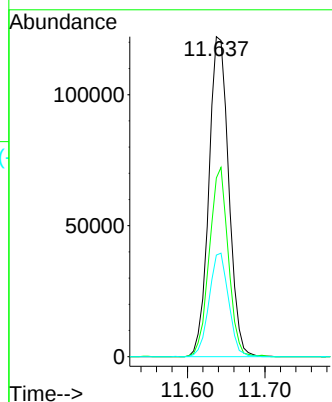
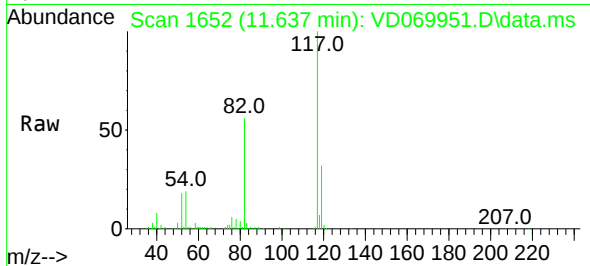




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069951.D
Acq: 02 Aug 2021 12:48

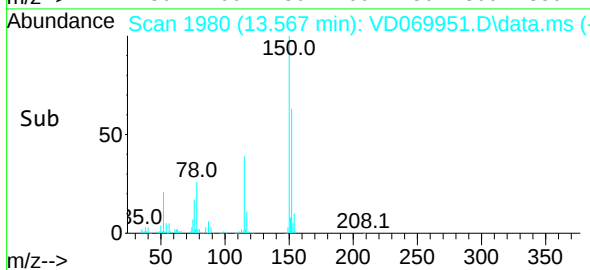
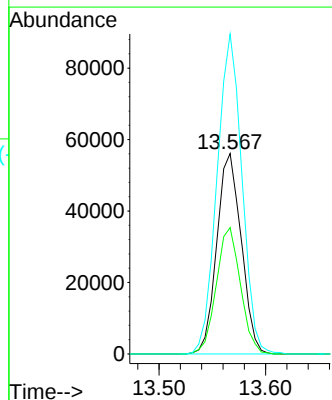
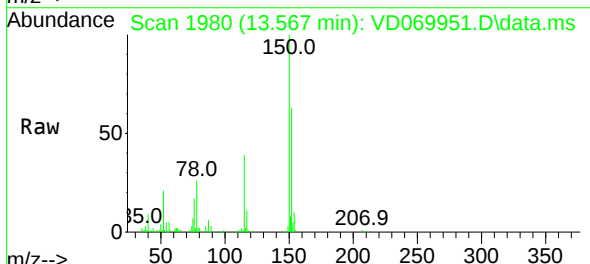
Instrument :
MSVOA_D
ClientSampleId :

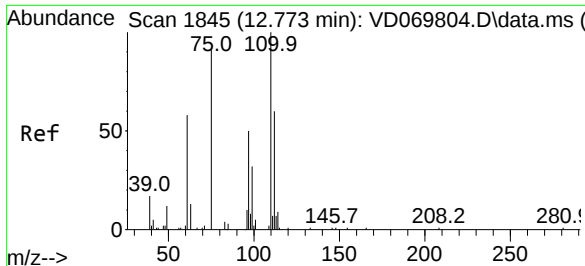
Tgt Ion:117 Resp: 217385
Ion Ratio Lower Upper
117 100
82 55.9 46.3 69.5
119 31.7 24.7 37.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD069951.D
Acq: 02 Aug 2021 12:48

Tgt Ion:152 Resp: 89343
Ion Ratio Lower Upper
152 100
115 62.4 31.1 93.3
150 162.7 0.0 343.0

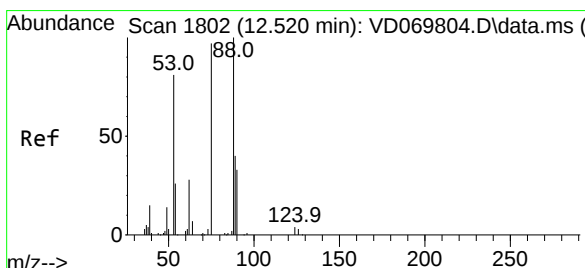
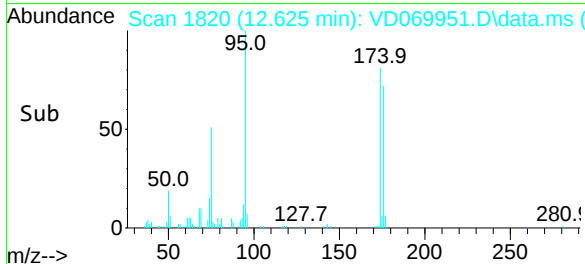
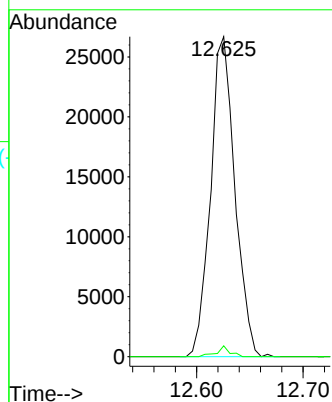
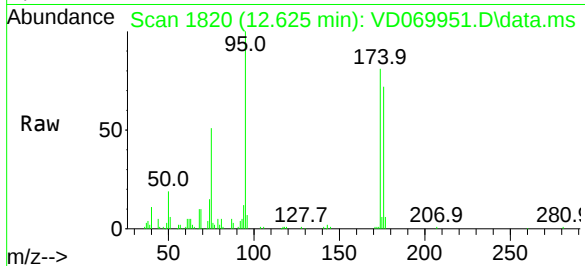




#76
1,2,3-Trichloropropane
Concen: 44.656 ug/l
RT: 12.625 min Scan# 1820
Delta R.T. -0.148 min
Lab File: VD069951.D
Acq: 02 Aug 2021 12:48

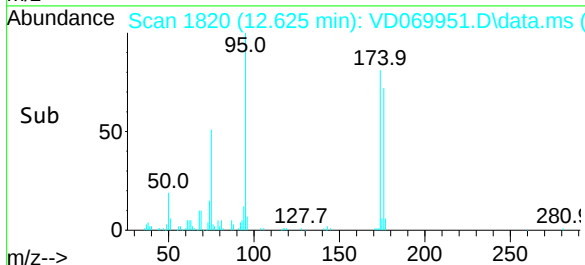
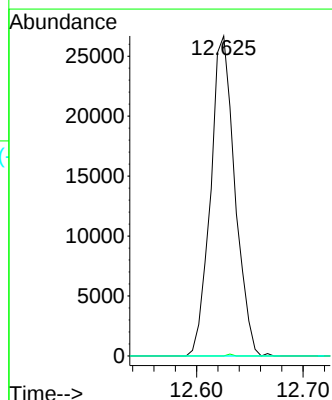
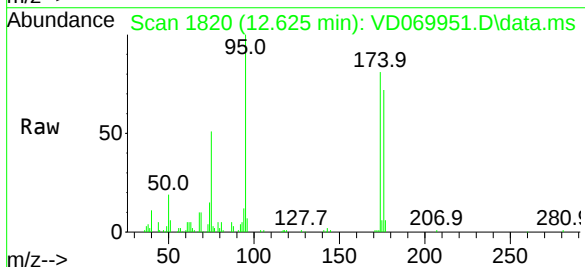
Instrument :
MSVOA_D
ClientSampled :

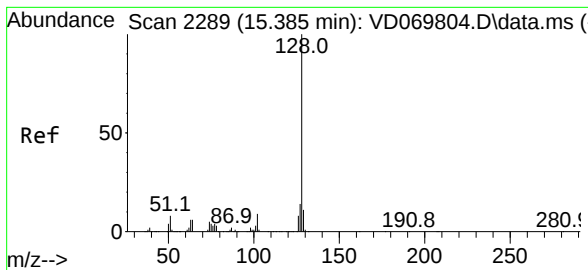
Tgt Ion: 75 Resp: 42408
Ion Ratio Lower Upper
75 100
77 1.8 181.5 544.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 135.476 ug/l
RT: 12.625 min Scan# 1820
Delta R.T. 0.105 min
Lab File: VD069951.D
Acq: 02 Aug 2021 12:48

Tgt Ion: 75 Resp: 42408
Ion Ratio Lower Upper
75 100
53 0.1 67.2 100.8#
89 0.0 35.8 53.6#





#95
Naphthalene
Concen: 5.102 ug/l
RT: 15.378 min Scan# 2288
Delta R.T. -0.007 min
Lab File: VD069951.D
Acq: 02 Aug 2021 12:48

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 335
Ion Ratio Lower Upper
128 100
127 0.0 10.6 16.0#
129 0.0 8.6 12.8#

