

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101521\
 Data File : VD070717.D
 Acq On : 15 Oct 2021 15:17
 Operator : VA/SY
 Sample : VD1015SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Oct 18 08:32:59 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	506501	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	908229	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	845504	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	354111	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	318792	53.140	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	106.280%
35) Dibromofluoromethane	7.908	113	300961	51.752	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.500%
50) Toluene-d8	10.332	98	1165936	52.301	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.600%
62) 4-Bromofluorobenzene	12.620	95	371796	48.436	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	96.880%

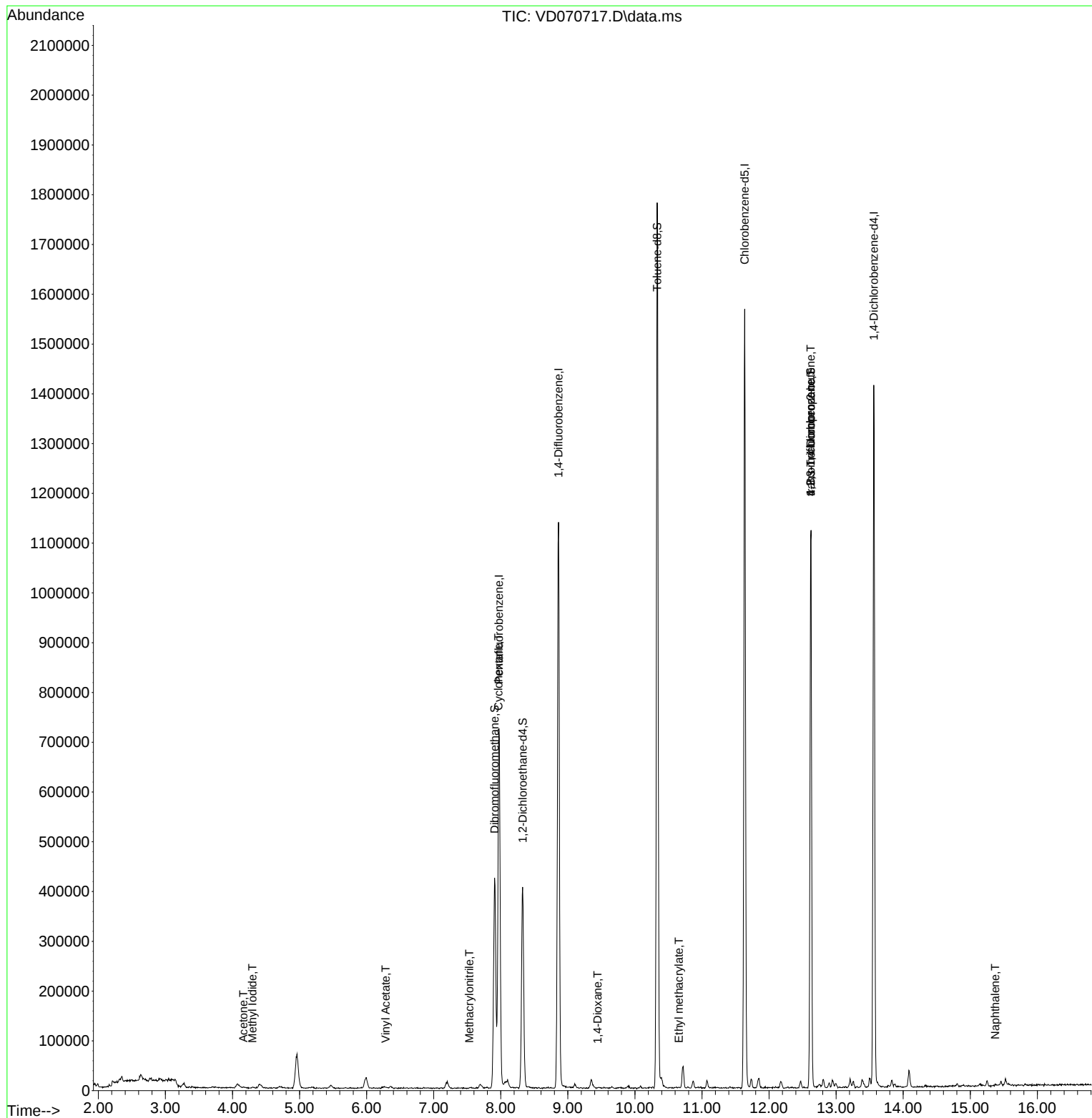
Target Compounds					Qvalue	
10) Methyl Iodide	4.297	142	1990	3.614	ug/l #	95
16) Acetone	4.162	43	3834	2.650	ug/l	93
23) Vinyl Acetate	6.285	43	496	16.372	ug/l #	69
31) Cyclohexane	7.967	56	17348	1.429	ug/l #	37
41) Methacrylonitrile	7.532	41	175	2.007	ug/l #	31
49) 1,4-Dioxane	9.444	88	84	2.122	ug/l #	23
56) Ethyl methacrylate	10.655	69	458	4.216	ug/l #	27
76) 1,2,3-Trichloropropane	12.620	75	190618	62.306	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	190618	136.470	ug/l #	17
95) Naphthalene	15.373	128	2416	4.983	ug/l #	79

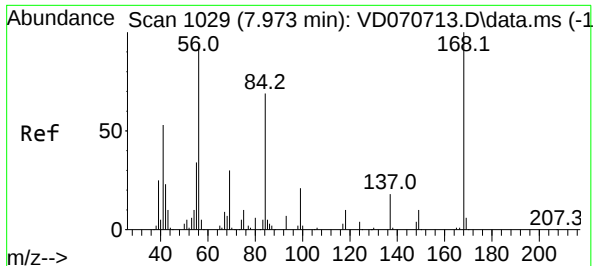
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101521\
Data File : VD070717.D
Acq On : 15 Oct 2021 15:17
Operator : VA/SY
Sample : VD1015SBL01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Oct 18 08:32:59 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

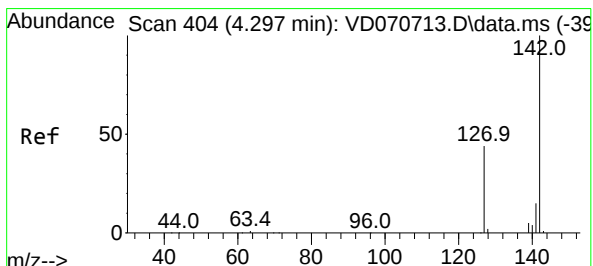
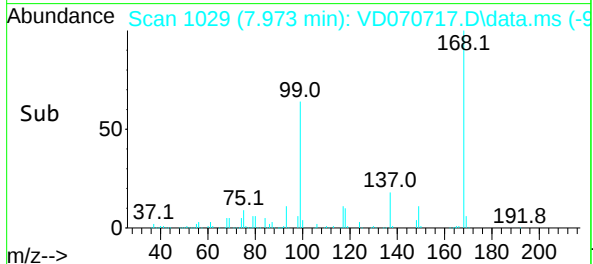
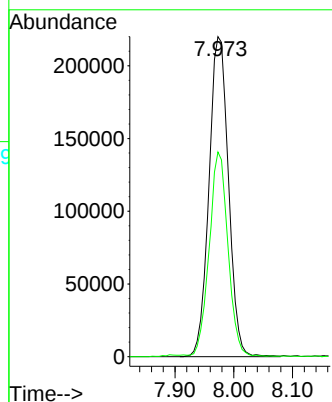
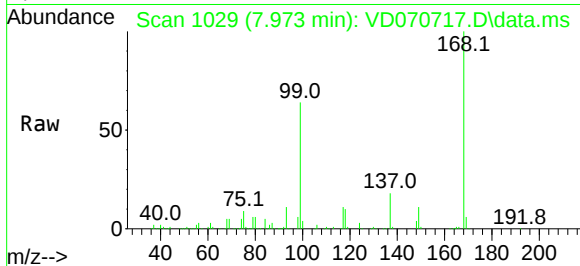




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD070717.D
Acq: 15 Oct 2021 15:17

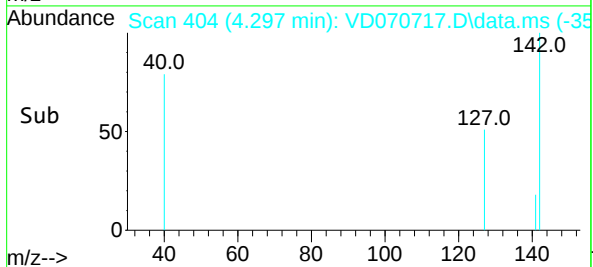
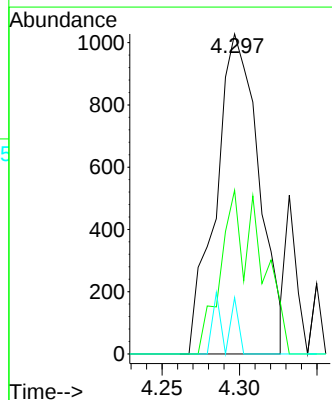
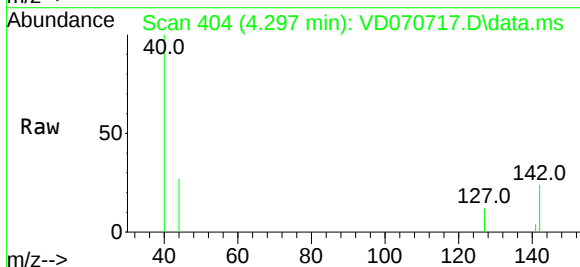
Instrument :
MSVOA_D
ClientSampled :

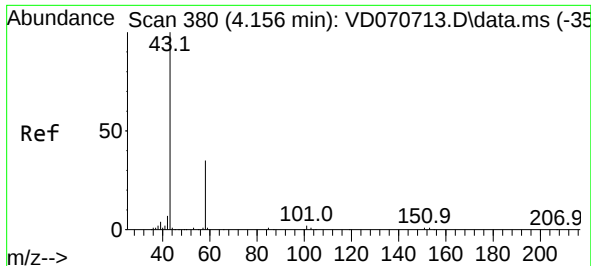
Tgt Ion:168 Resp: 506501
Ion Ratio Lower Upper
168 100
99 63.8 51.4 77.0



#10
Methyl Iodide
Concen: 3.614 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.000 min
Lab File: VD070717.D
Acq: 15 Oct 2021 15:17

Tgt Ion:142 Resp: 1990
Ion Ratio Lower Upper
142 100
127 47.2 37.5 56.3
141 6.7 12.1 18.1#

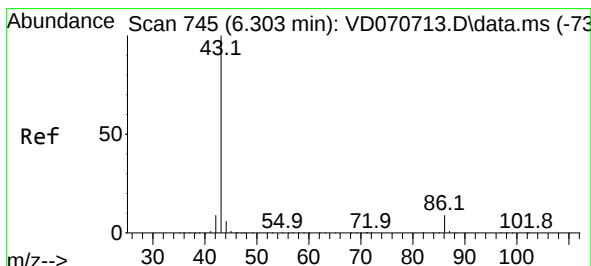
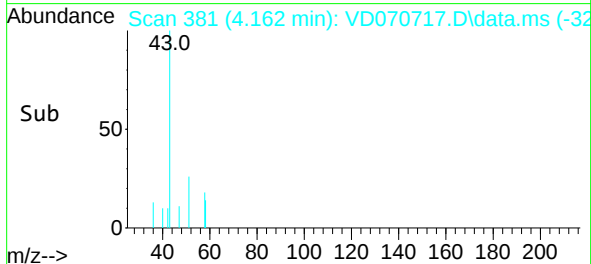
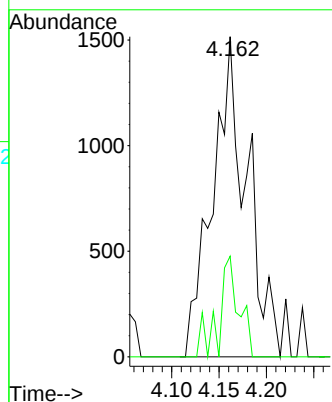
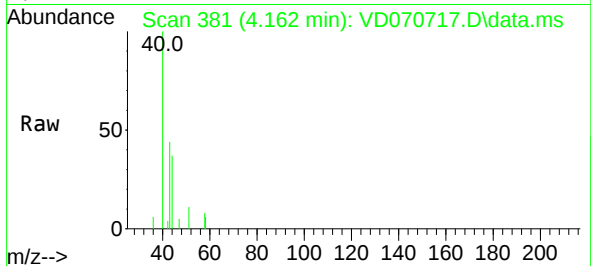




#16
Acetone
Concen: 2.650 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD070717.D
Acq: 15 Oct 2021 15:17

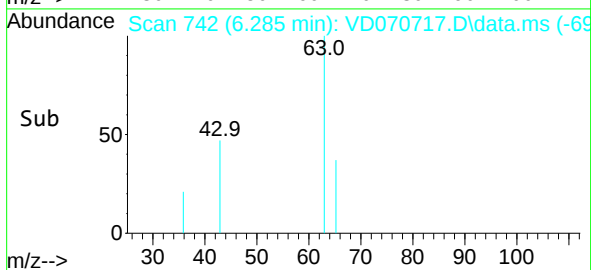
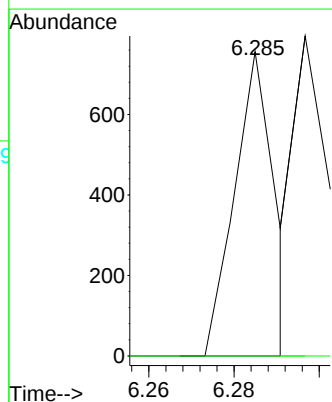
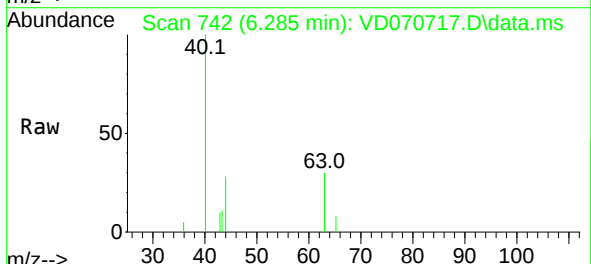
Instrument :
MSVOA_D
ClientSampled :

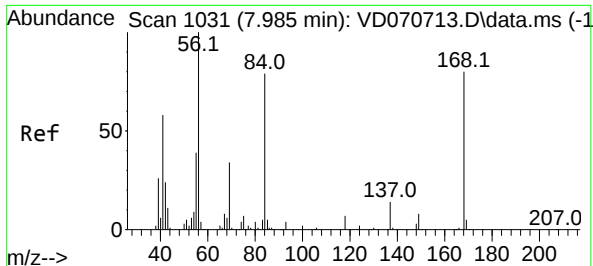
Tgt Ion: 43 Resp: 3834
Ion Ratio Lower Upper
43 100
58 31.4 28.2 42.2



#23
Vinyl Acetate
Concen: 16.372 ug/l
RT: 6.285 min Scan# 742
Delta R.T. -0.018 min
Lab File: VD070717.D
Acq: 15 Oct 2021 15:17

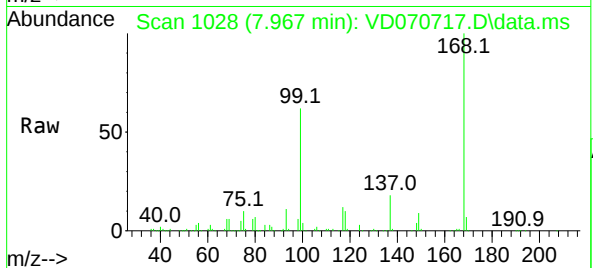
Tgt Ion: 43 Resp: 496
Ion Ratio Lower Upper
43 100
86 0.0 9.8 14.6#



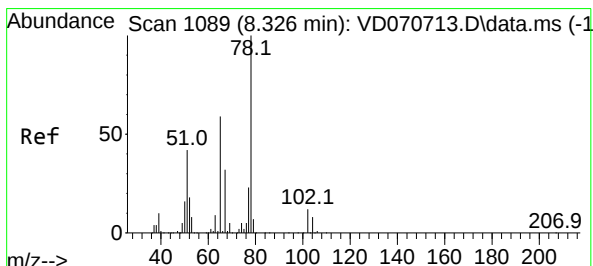
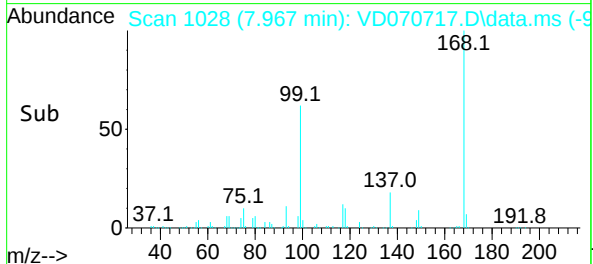
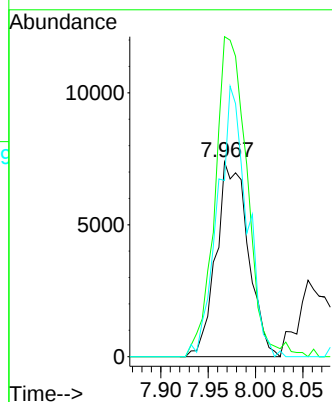


#31
Cyclohexane
Concen: 1.429 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.018 min
Lab File: VD070717.D
Acq: 15 Oct 2021 15:17

Instrument :
MSVOA_D
ClientSampleId :

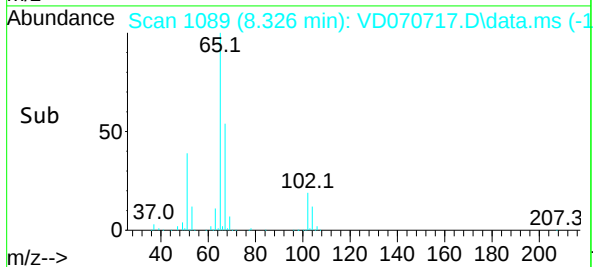
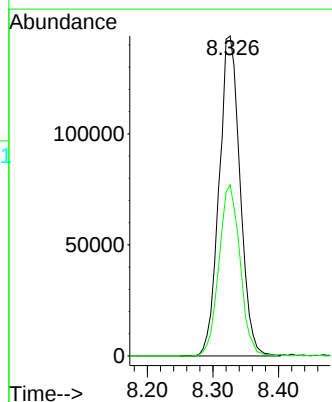
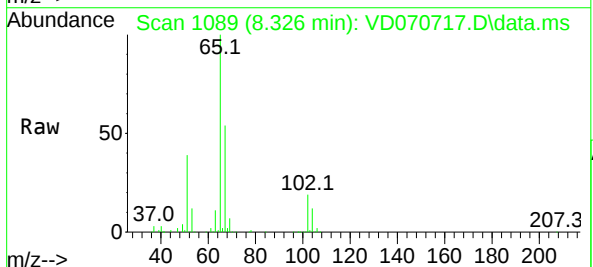


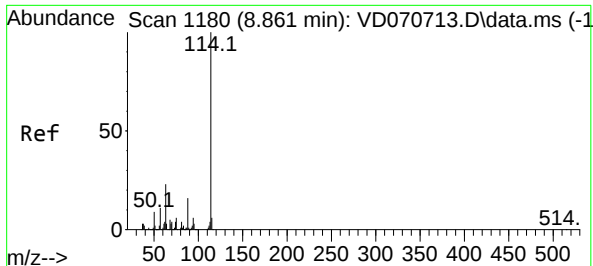
Tgt Ion: 56 Resp: 17348
Ion Ratio Lower Upper
56 100
69 164.3 27.4 41.2#
84 90.5 73.6 110.4



#33
1,2-Dichloroethane-d4
Concen: 53.140 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD070717.D
Acq: 15 Oct 2021 15:17

Tgt Ion: 65 Resp: 318792
Ion Ratio Lower Upper
65 100
67 53.8 0.0 110.2



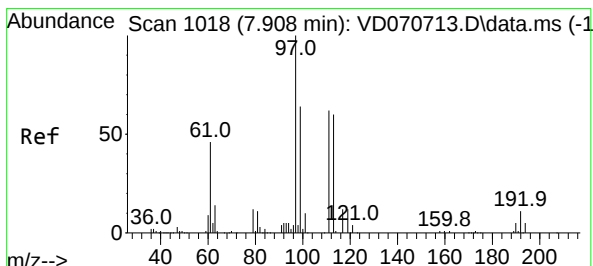
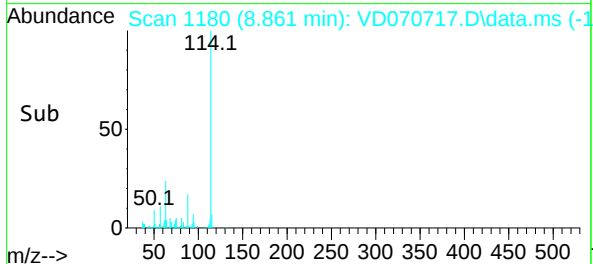
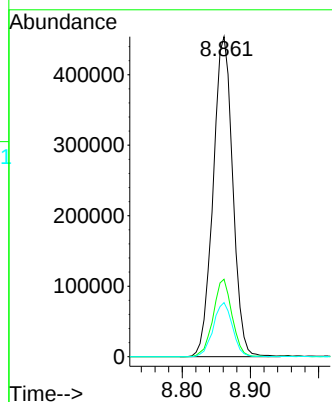
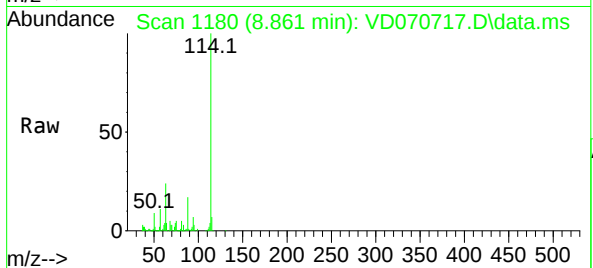


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070717.D
Acq: 15 Oct 2021 15:17

Instrument :
MSVOA_D
ClientSampleId :

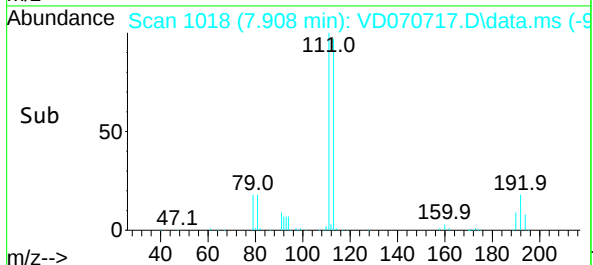
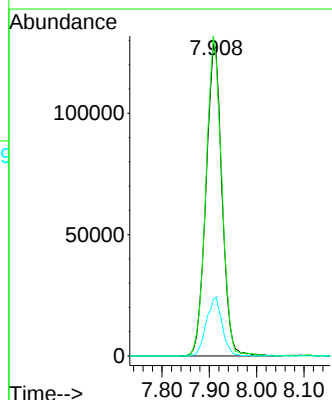
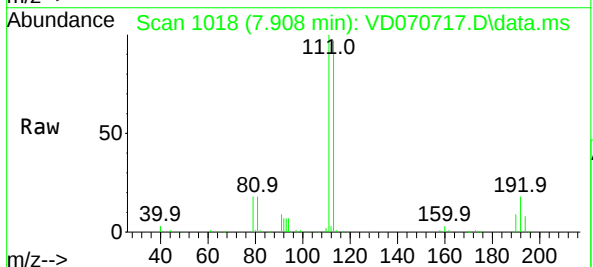
Tgt Ion:	114	Resp:	908229
Ion Ratio	Lower	Upper	
114	100		
63	24.2	0.0	41.8
88	16.9	0.0	32.6

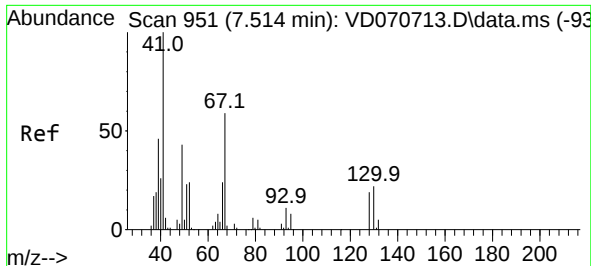


#35

Dibromofluoromethane
Concen: 51.752 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VD070717.D
Acq: 15 Oct 2021 15:17

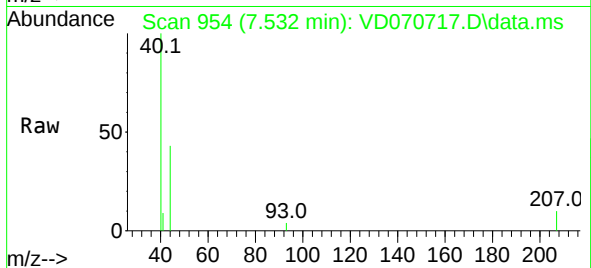
Tgt Ion:	113	Resp:	300961
Ion Ratio	Lower	Upper	
113	100		
111	101.5	83.1	124.7
192	18.7	12.7	19.1



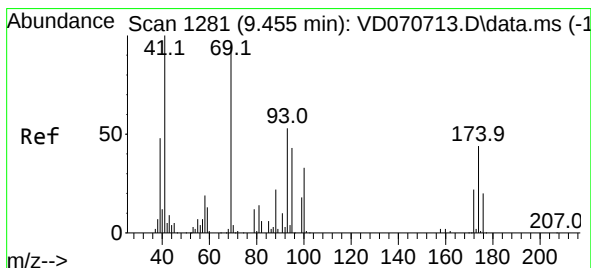
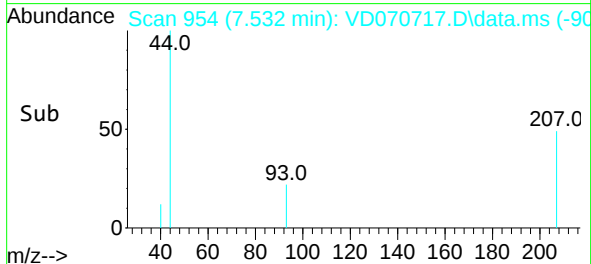
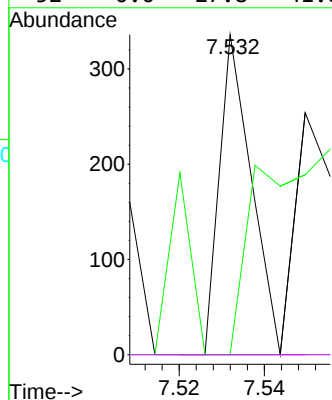


#41
Methacrylonitrile
Concen: 2.007 ug/l
RT: 7.532 min Scan# 954
Delta R.T. 0.018 min
Lab File: VD070717.D
Acq: 15 Oct 2021 15:17

Instrument :
MSVOA_D
ClientSampled :

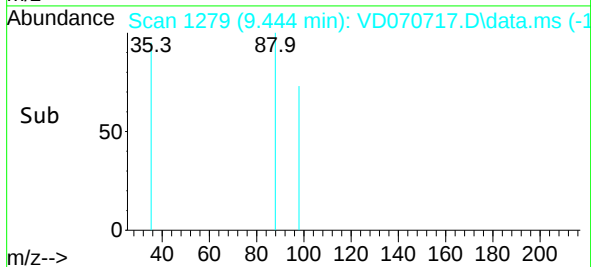
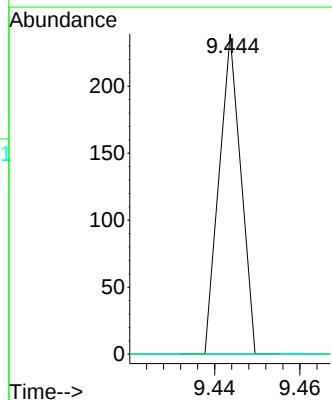
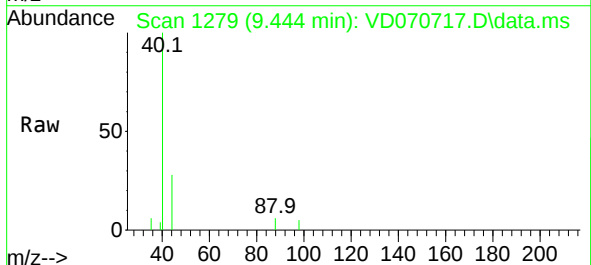


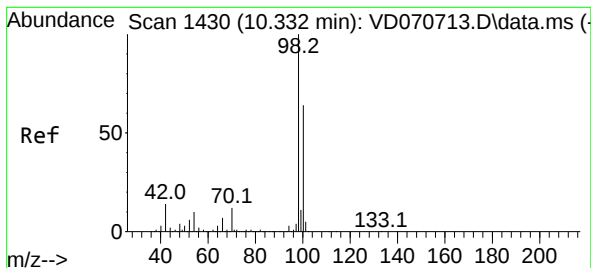
Tgt Ion:	41	Resp:	175
Ion	Ratio	Lower	Upper
41	100		
39	38.3	45.2	67.8#
67	0.0	75.8	113.6#
52	0.0	27.8	41.8#



#49
1,4-Dioxane
Concen: 2.122 ug/l
RT: 9.444 min Scan# 1279
Delta R.T. -0.012 min
Lab File: VD070717.D
Acq: 15 Oct 2021 15:17

Tgt Ion:	88	Resp:	84
Ion	Ratio	Lower	Upper
88	100		
43	0.0	25.1	37.7#
58	0.0	57.4	86.0#

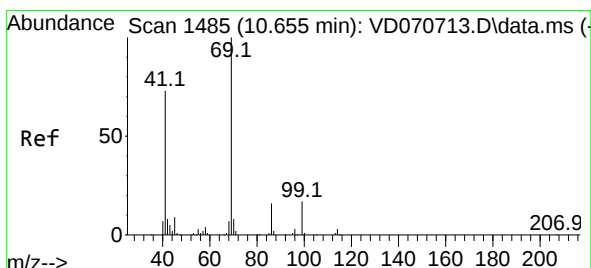
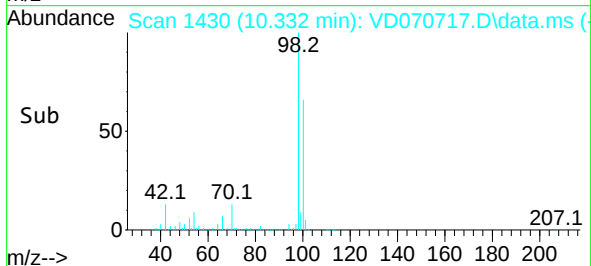
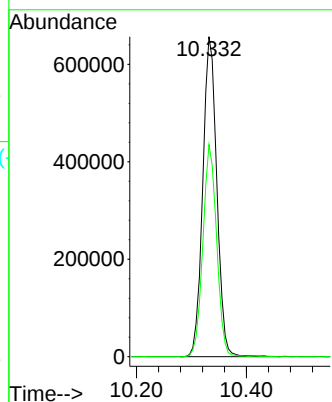
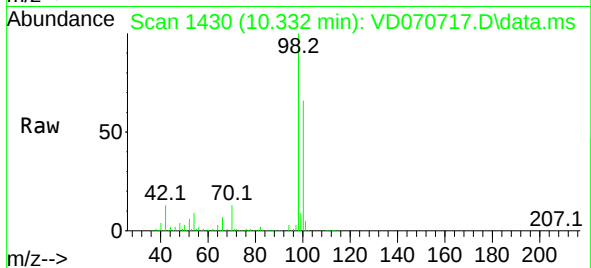




#50
Toluene-d8
Concen: 52.301 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD070717.D
Acq: 15 Oct 2021 15:17

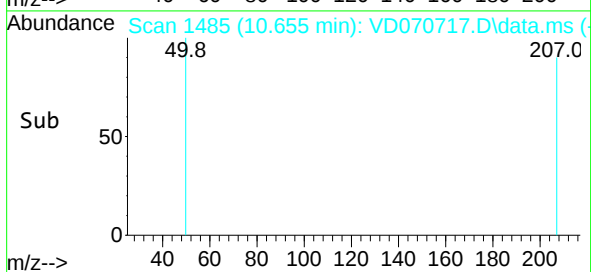
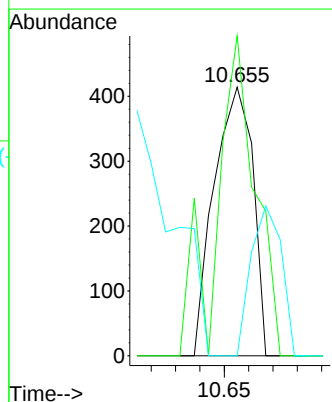
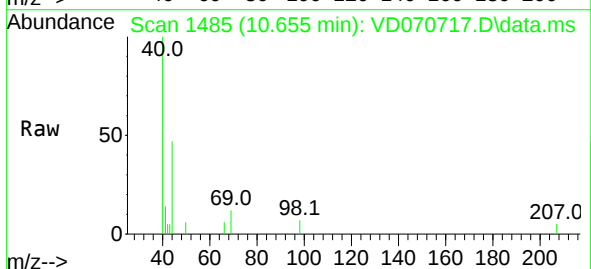
Instrument :
MSVOA_D
ClientSampled :

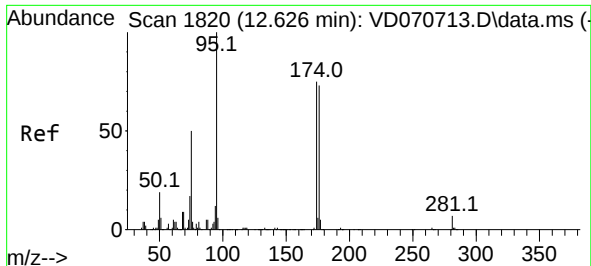
Tgt Ion: 98 Resp: 1165936
Ion Ratio Lower Upper
98 100
100 64.8 52.2 78.4



#56
Ethyl methacrylate
Concen: 4.216 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. 0.000 min
Lab File: VD070717.D
Acq: 15 Oct 2021 15:17

Tgt Ion: 69 Resp: 458
Ion Ratio Lower Upper
69 100
41 119.4 44.7 67.1#
39 43.9 19.5 29.3#

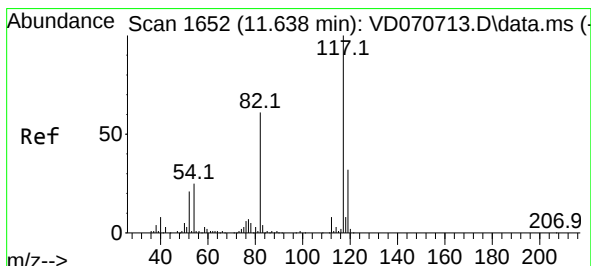
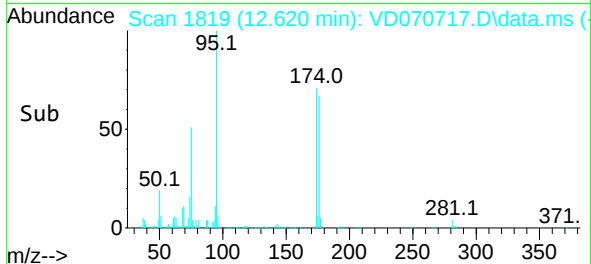
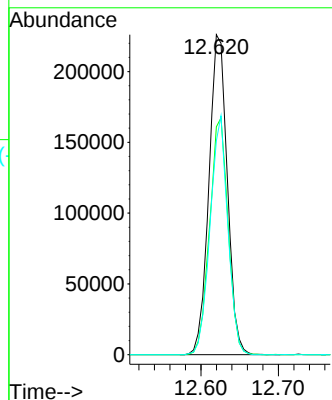
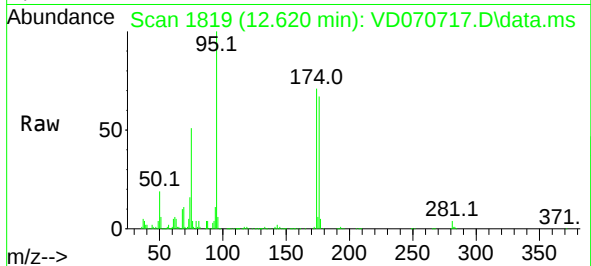




#62
4-Bromofluorobenzene
Concen: 48.436 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD070717.D
Acq: 15 Oct 2021 15:17

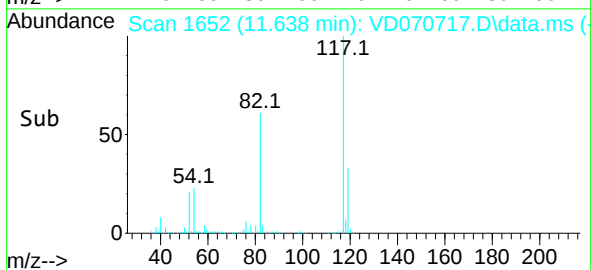
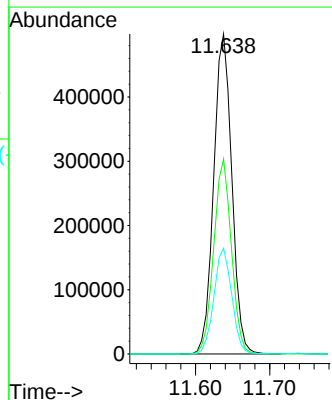
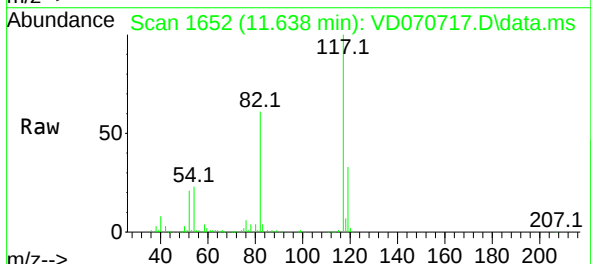
Instrument :
MSVOA_D
ClientSampleId :

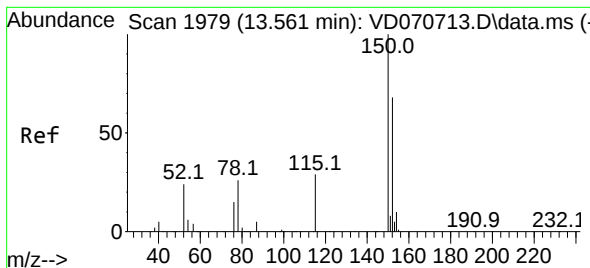
Tgt Ion: 95 Resp: 371796
Ion Ratio Lower Upper
95 100
174 74.4 0.0 138.0
176 71.8 0.0 135.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070717.D
Acq: 15 Oct 2021 15:17

Tgt Ion: 117 Resp: 845504
Ion Ratio Lower Upper
117 100
82 61.0 45.4 68.2
119 33.0 24.7 37.1

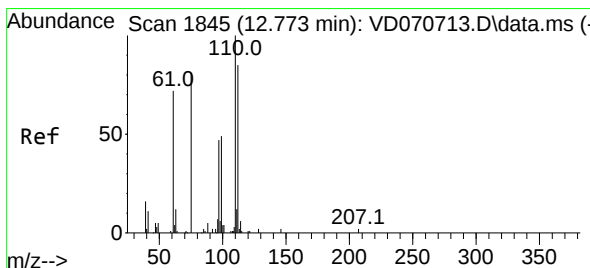
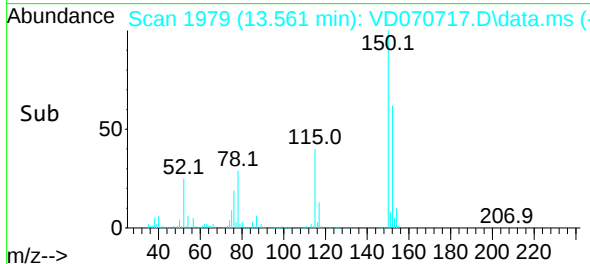
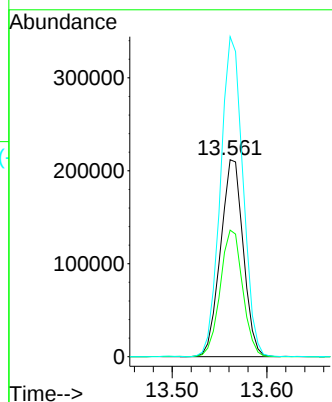
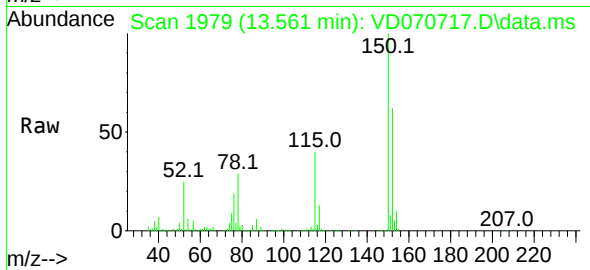




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VD070717.D
 Acq: 15 Oct 2021 15:17

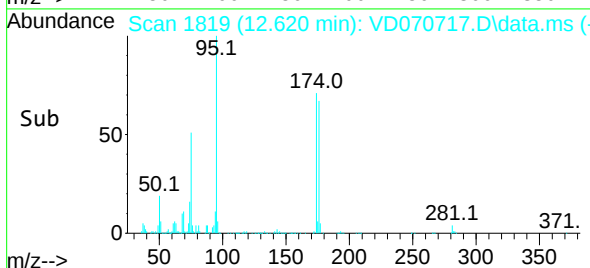
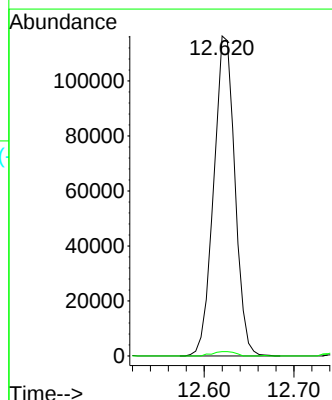
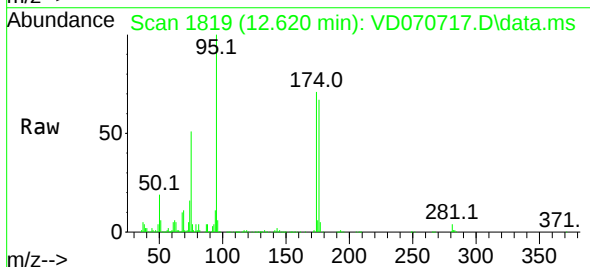
Instrument :
 MSVOA_D
 ClientSampleId :

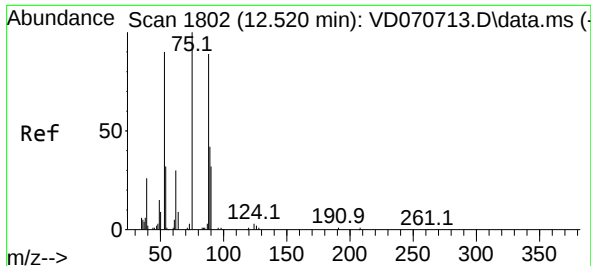
Tgt Ion:152 Resp: 354111
 Ion Ratio Lower Upper
 152 100
 115 63.4 31.9 95.7
 150 160.9 0.0 350.0



#76
 1,2,3-Trichloropropane
 Concen: 62.306 ug/l
 RT: 12.620 min Scan# 1819
 Delta R.T. -0.153 min
 Lab File: VD070717.D
 Acq: 15 Oct 2021 15:17

Tgt Ion: 75 Resp: 190618
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#

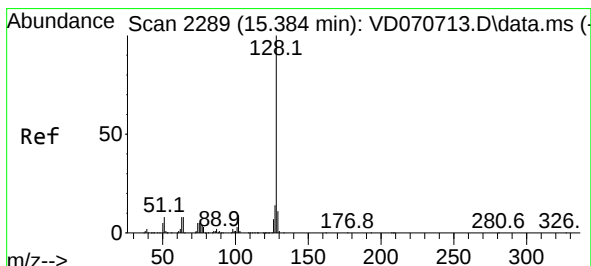
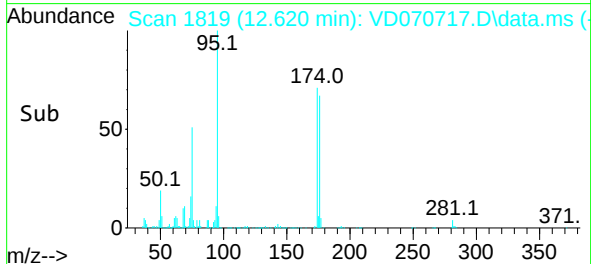
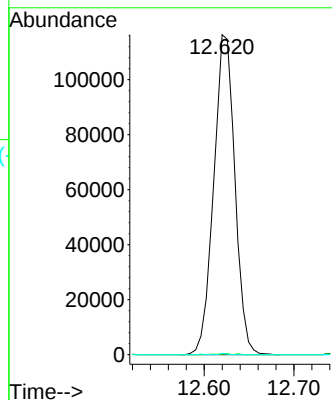
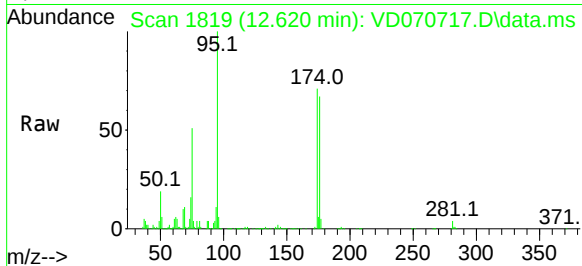




#81
trans-1,4-Dichloro-2-butene
Concen: 136.470 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.100 min
Lab File: VD070717.D
Acq: 15 Oct 2021 15:17

Instrument :
MSVOA_D
ClientSampled :

Tgt Ion: 75 Resp: 190618
Ion Ratio Lower Upper
75 100
53 0.2 64.5 96.7#
89 0.1 35.3 52.9#



#95
Naphthalene
Concen: 4.983 ug/l
RT: 15.373 min Scan# 2287
Delta R.T. -0.011 min
Lab File: VD070717.D
Acq: 15 Oct 2021 15:17

Tgt Ion:128 Resp: 2416
Ion Ratio Lower Upper
128 100
127 2.9 10.9 16.3#
129 5.4 8.6 12.8#

