

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061621\
 Data File : VD069459.D
 Acq On : 16 Jun 2021 11:35
 Operator : VA/SY
 Sample : M2691-03
 Misc : 5.75G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jun 17 02:46:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061121S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 11 12:50:13 2021
 Response via : Initial Calibration

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

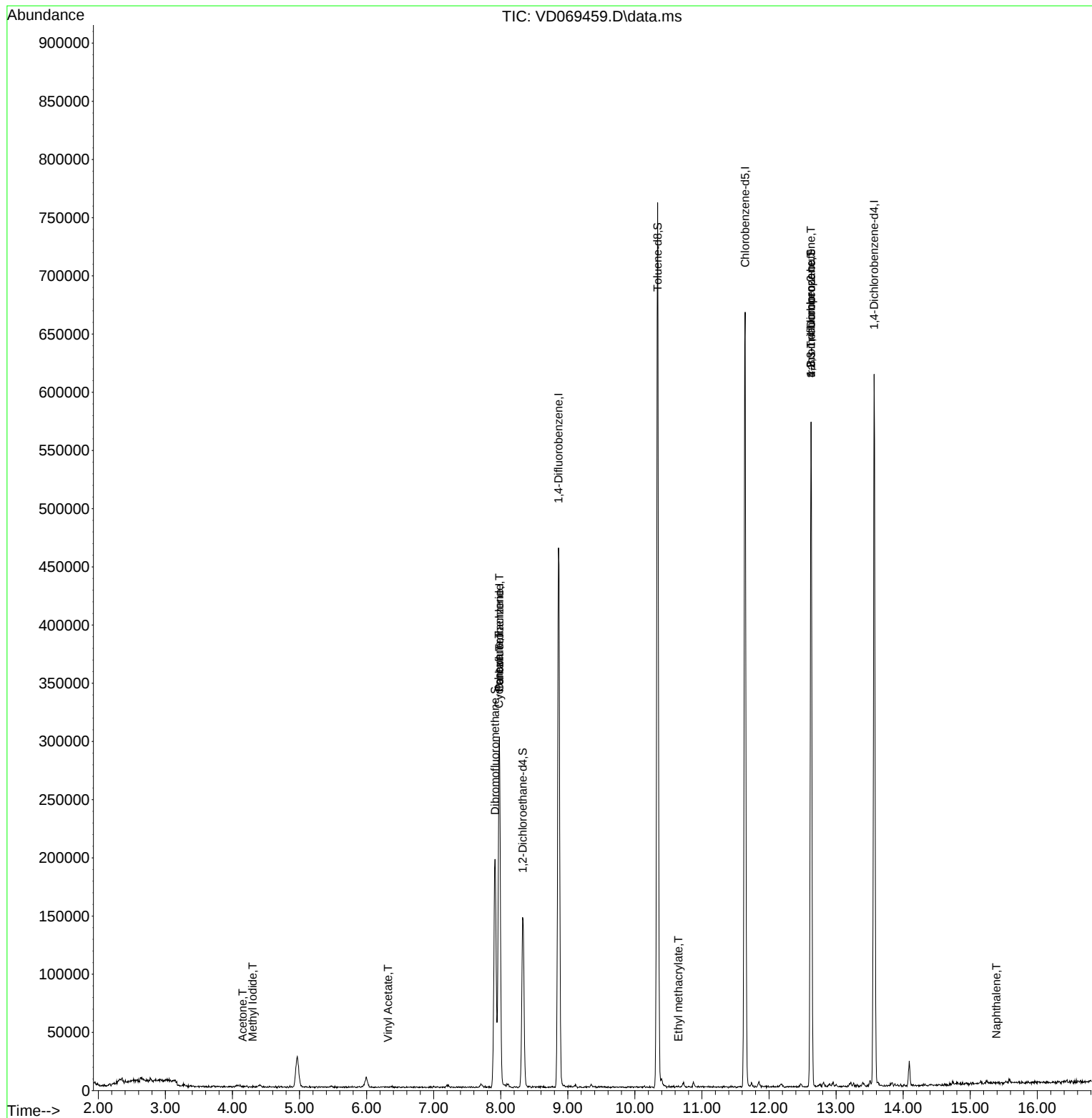
Internal Standards						
1) Pentafluorobenzene	7.979	168	223825	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	418869	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	411926	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	171223	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	119565	47.351	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	94.700%		
35) Dibromofluoromethane	7.914	113	141926	45.238	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	90.480%		
50) Toluene-d8	10.338	98	526927	45.921	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	91.840%		
62) 4-Bromofluorobenzene	12.626	95	155671	42.281	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	84.560%		
Target Compounds						
					Qvalue	
5) Bromomethane	2.791	94	927	Below Cal	#	73
10) Methyl Iodide	4.303	142	355	3.457	ug/l #	59
16) Acetone	4.150	43	584	1.397	ug/l #	40
18) Methyl Acetate	4.815	43	61	Below Cal	#	46
23) Vinyl Acetate	6.320	43	190	17.627	ug/l #	67
31) Cyclohexane	7.973	56	5355	1.561	ug/l #	1
38) Carbon Tetrachloride	7.979	117	22765	4.818	ug/l #	16
56) Ethyl methacrylate	10.650	69	83	2.851	ug/l #	31
76) 1,2,3-Trichloropropane	12.626	75	75440	43.459	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	75440	115.936	ug/l #	18
95) Naphthalene	15.390	128	836	3.702	ug/l #	78

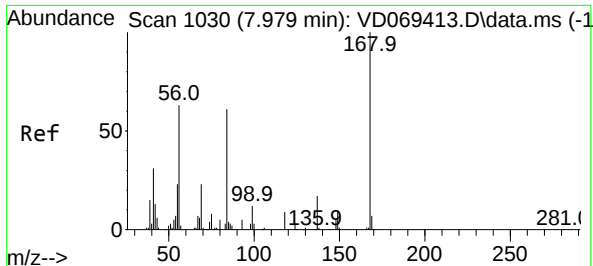
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 17 02:46:54 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061121S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 11 12:50:13 2021
Response via : Initial Calibration

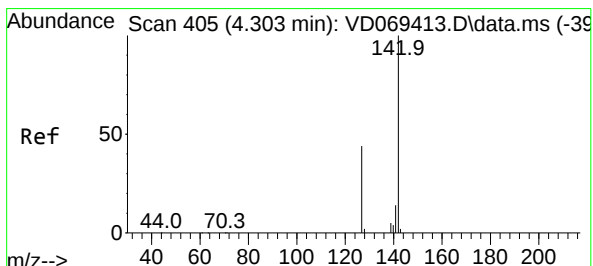
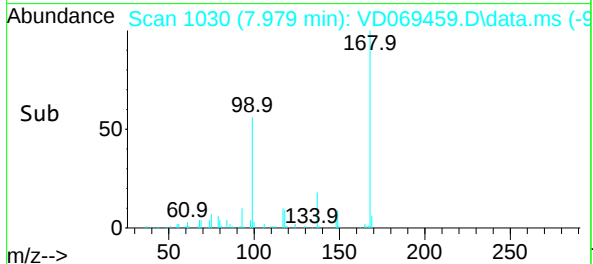
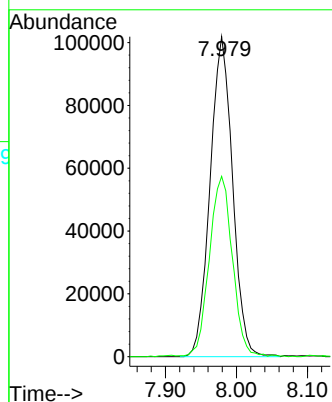
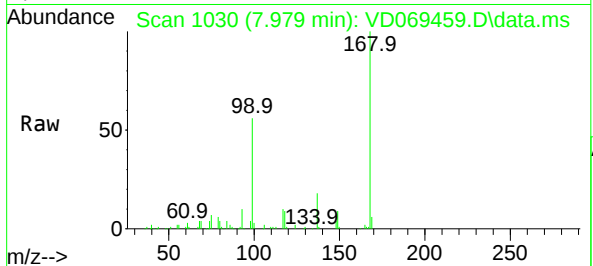




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069459.D
Acq: 16 Jun 2021 11:35

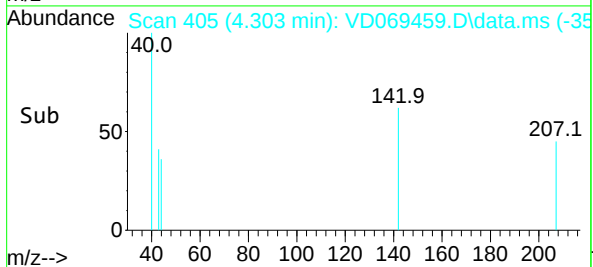
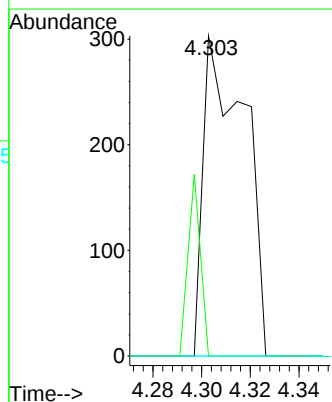
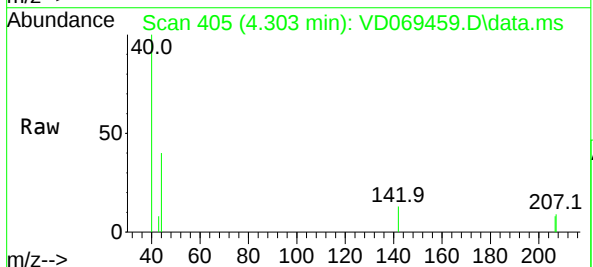
Instrument :
MSVOA_D
ClientSampleId :

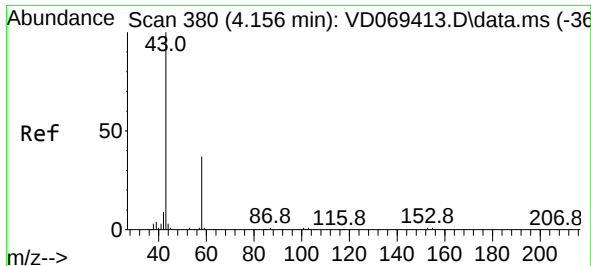
Tgt Ion:168 Resp: 223825
Ion Ratio Lower Upper
168 100
99 56.1 46.2 69.2



#10
Methyl Iodide
Concen: 3.457 ug/l
RT: 4.303 min Scan# 405
Delta R.T. -0.000 min
Lab File: VD069459.D
Acq: 16 Jun 2021 11:35

Tgt Ion:142 Resp: 355
Ion Ratio Lower Upper
142 100
127 17.2 36.2 54.2#
141 0.0 12.2 18.2#

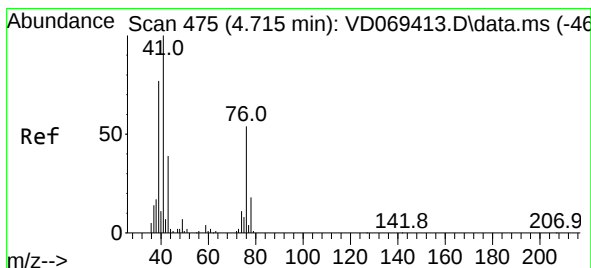
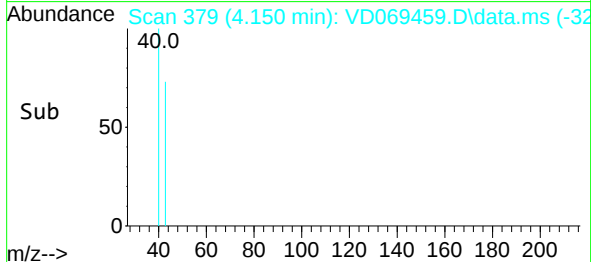
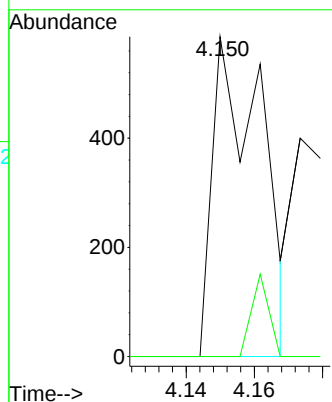
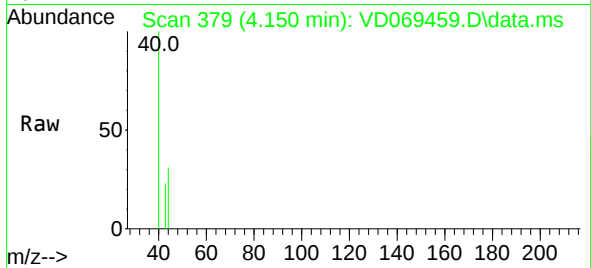




#16
Acetone
Concen: 1.397 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD069459.D
Acq: 16 Jun 2021 11:35

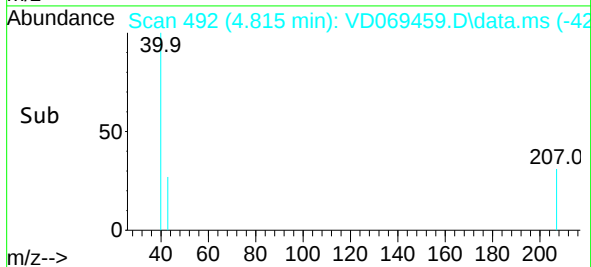
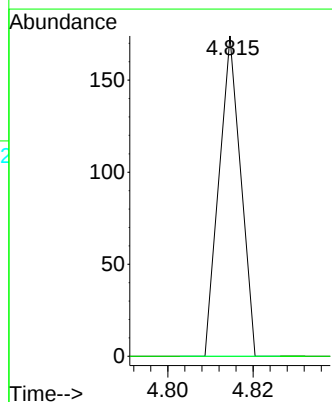
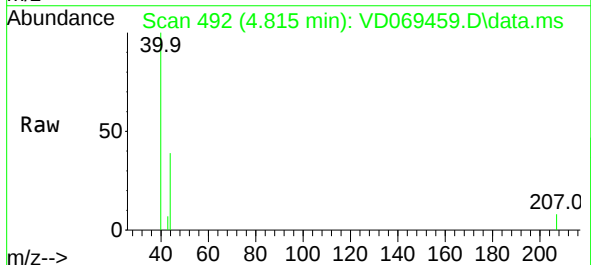
Instrument :
MSVOA_D
ClientSampleId :

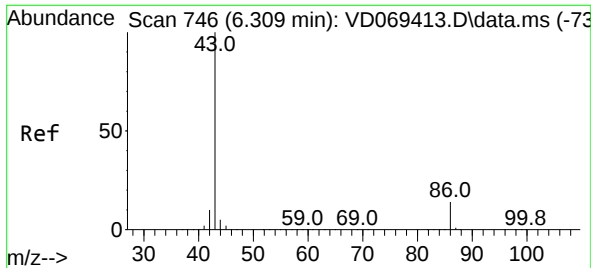
Tgt Ion: 43 Resp: 584
Ion Ratio Lower Upper
43 100
58 0.0 27.5 41.3#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.815 min Scan# 492
Delta R.T. 0.100 min
Lab File: VD069459.D
Acq: 16 Jun 2021 11:35

Tgt Ion: 43 Resp: 61
Ion Ratio Lower Upper
43 100
74 0.0 22.8 34.2#

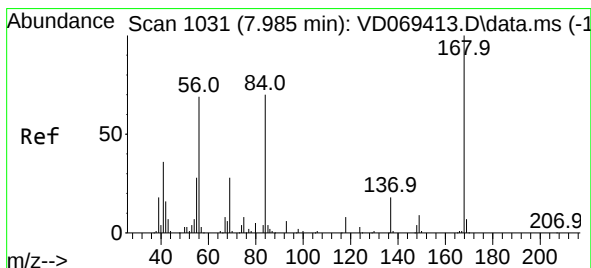
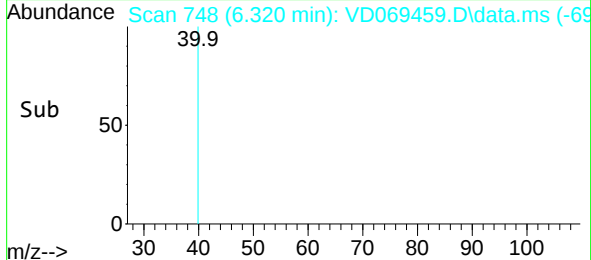
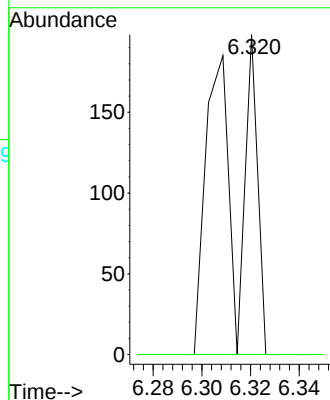
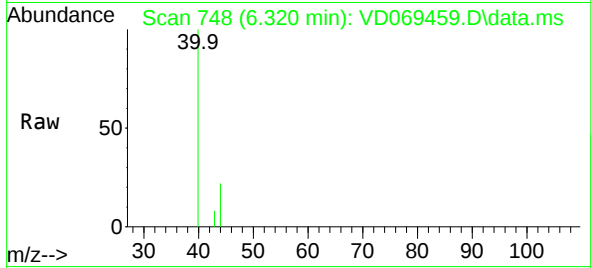




#23
 Vinyl Acetate
 Concen: 17.627 ug/l
 RT: 6.320 min Scan# 748
 Delta R.T. 0.011 min
 Lab File: VD069459.D
 Acq: 16 Jun 2021 11:35

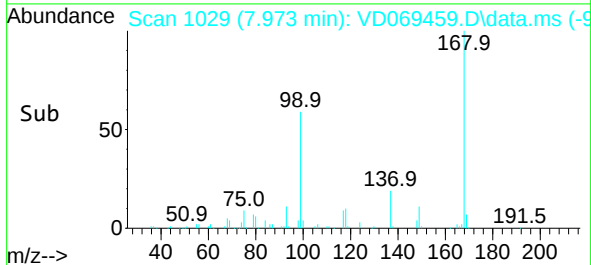
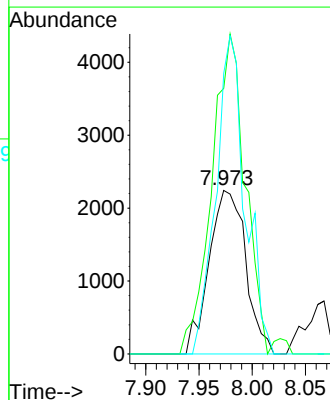
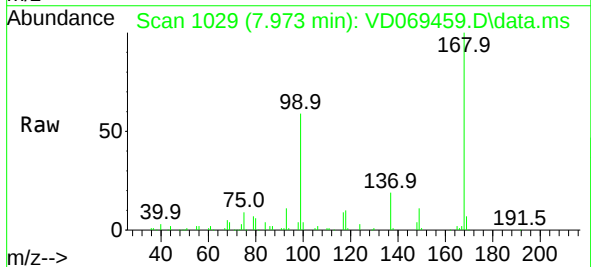
Instrument :
 MSVOA_D
 ClientSampled :

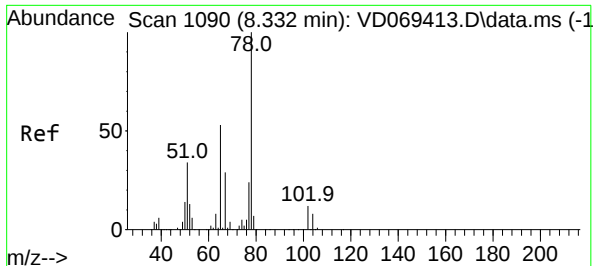
Tgt Ion: 43 Resp: 190
 Ion Ratio Lower Upper
 43 100
 86 0.0 10.5 15.7#



#31
 Cyclohexane
 Concen: 1.561 ug/l
 RT: 7.973 min Scan# 1029
 Delta R.T. -0.012 min
 Lab File: VD069459.D
 Acq: 16 Jun 2021 11:35

Tgt Ion: 56 Resp: 5355
 Ion Ratio Lower Upper
 56 100
 69 162.4 29.0 43.4#
 84 171.6 81.1 121.7#



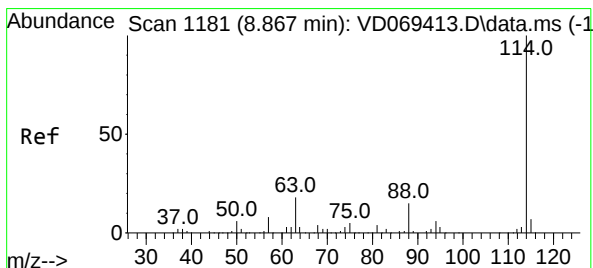
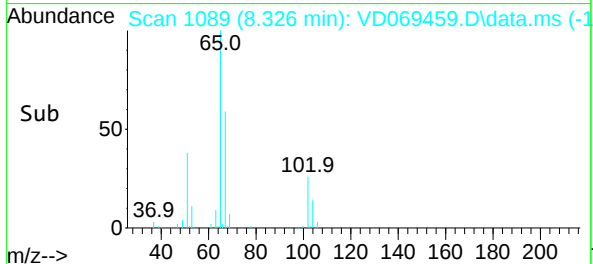
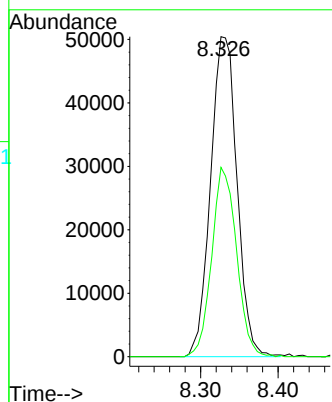
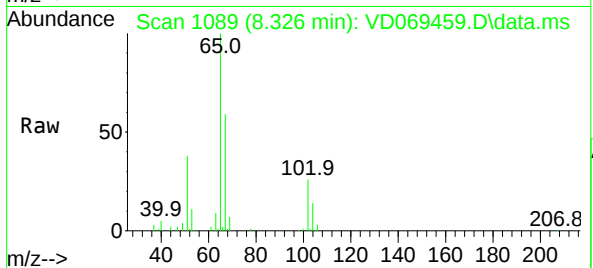


#33

1,2-Dichloroethane-d4
Concen: 47.351 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD069459.D
Acq: 16 Jun 2021 11:35

Instrument :
MSVOA_D
ClientSampleId :

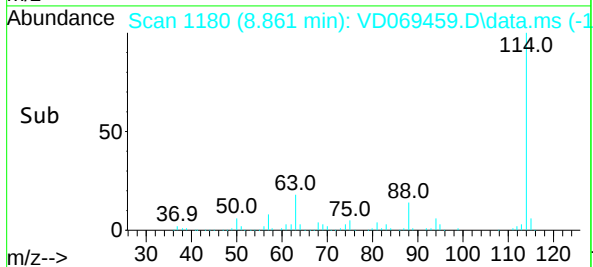
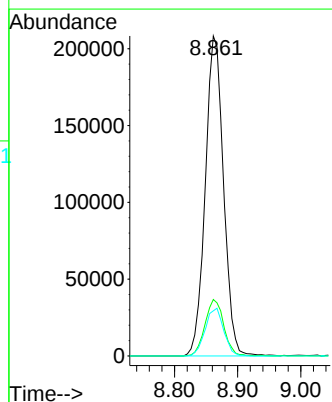
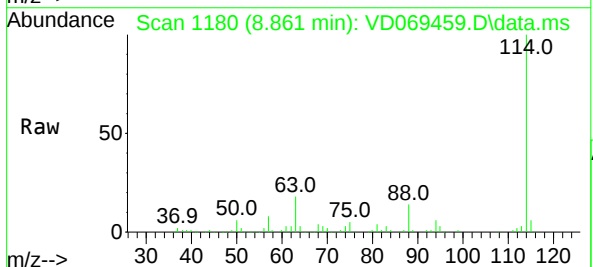
Tgt Ion: 65 Resp: 119565
Ion Ratio Lower Upper
65 100
67 55.6 0.0 105.8

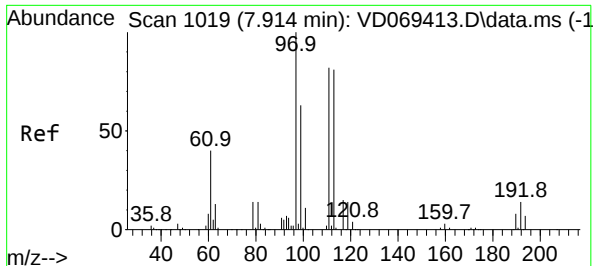


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD069459.D
Acq: 16 Jun 2021 11:35

Tgt Ion:114 Resp: 418869
Ion Ratio Lower Upper
114 100
63 17.7 0.0 35.6
88 14.1 0.0 31.2





#35

Dibromofluoromethane

Concen: 45.238 ug/l

RT: 7.914 min Scan# 1019

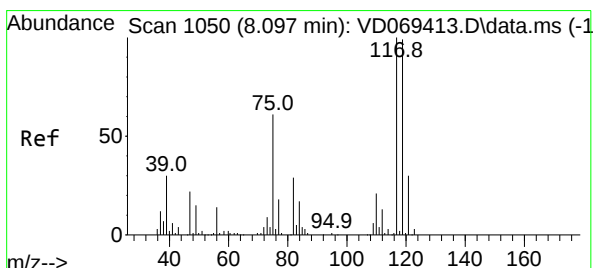
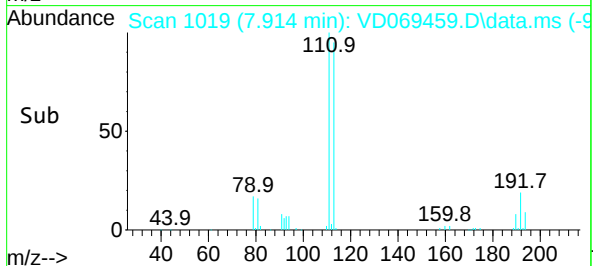
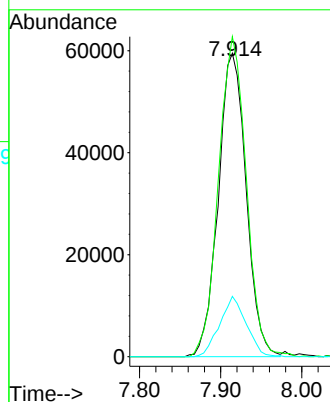
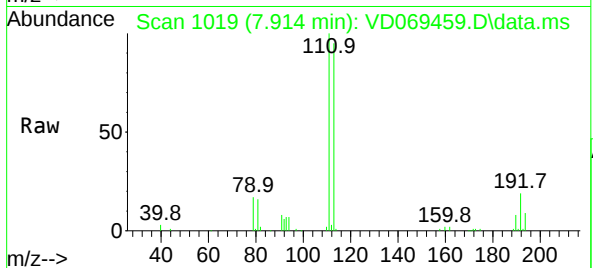
Delta R.T. 0.000 min

Lab File: VD069459.D

Acq: 16 Jun 2021 11:35

Tgt Ion:	113	Resp:	141926
Ion	Ratio	Lower	Upper
113	100		
111	105.0	83.0	124.6
192	18.9	15.1	22.7

Instrument :
MSVOA_D
ClientSampled :



#38

Carbon Tetrachloride

Concen: 4.818 ug/l

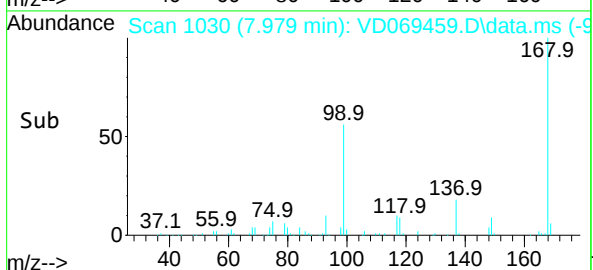
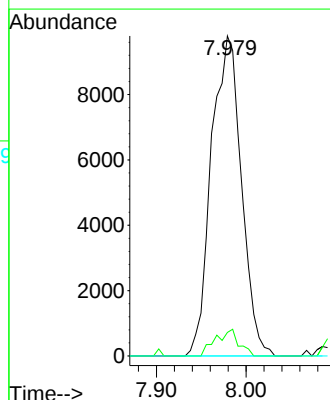
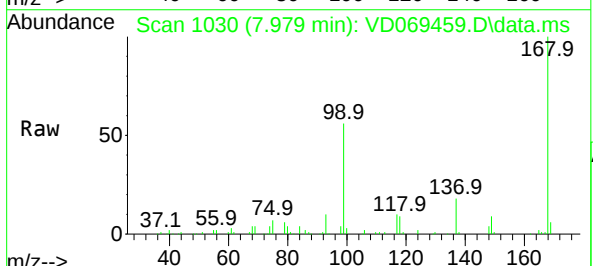
RT: 7.979 min Scan# 1030

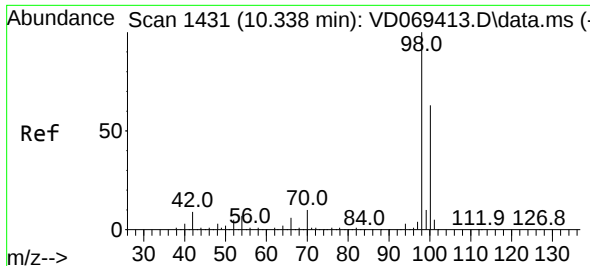
Delta R.T. -0.118 min

Lab File: VD069459.D

Acq: 16 Jun 2021 11:35

Tgt Ion:	117	Resp:	22765
Ion	Ratio	Lower	Upper
117	100		
119	7.3	79.4	119.2#
121	0.0	26.1	39.1#

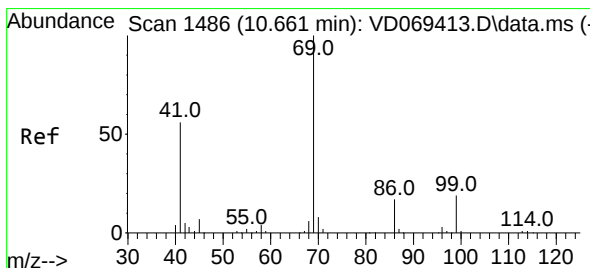
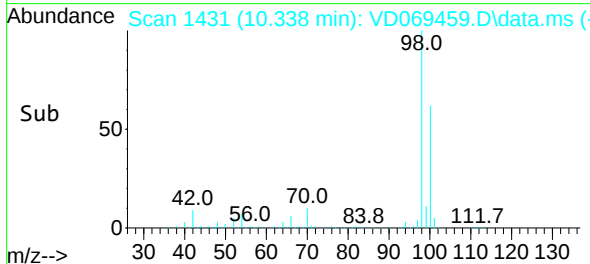
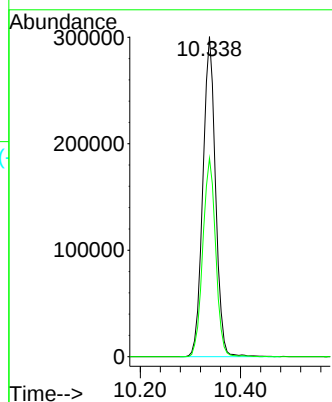
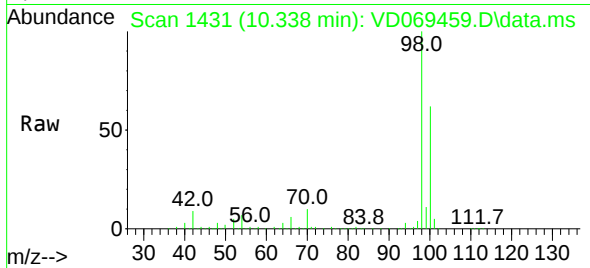




#50
Toluene-d8
Concen: 45.921 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069459.D
Acq: 16 Jun 2021 11:35

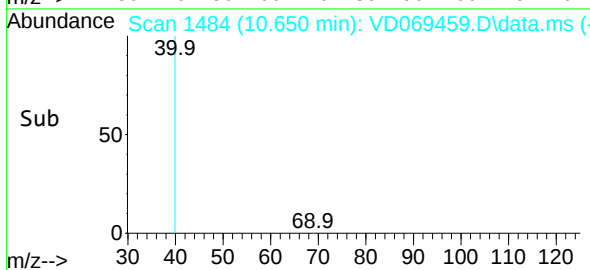
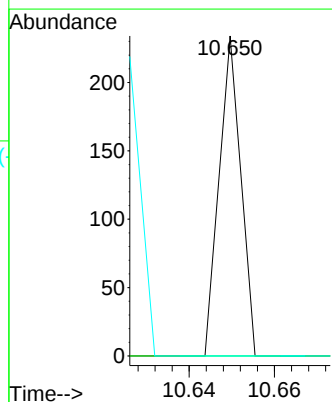
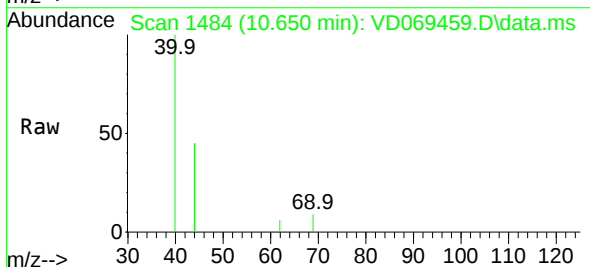
Instrument :
MSVOA_D
ClientSampleId :

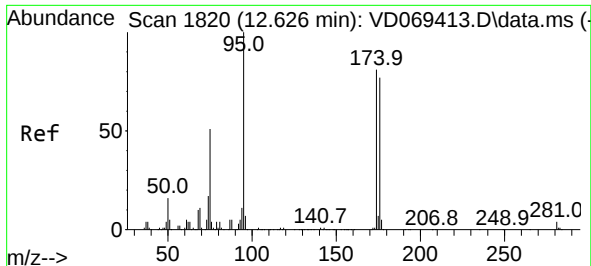
Tgt Ion: 98 Resp: 526927
Ion Ratio Lower Upper
98 100
100 62.9 52.1 78.1



#56
Ethyl methacrylate
Concen: 2.851 ug/l
RT: 10.650 min Scan# 1484
Delta R.T. -0.011 min
Lab File: VD069459.D
Acq: 16 Jun 2021 11:35

Tgt Ion: 69 Resp: 83
Ion Ratio Lower Upper
69 100
41 0.0 45.4 68.2#
39 0.0 21.7 32.5#

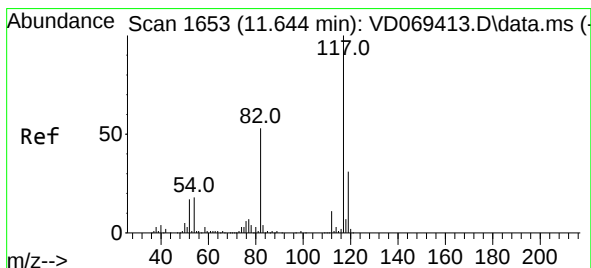
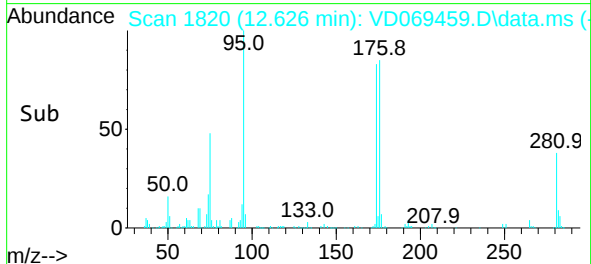
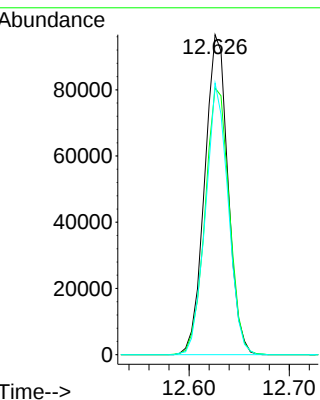
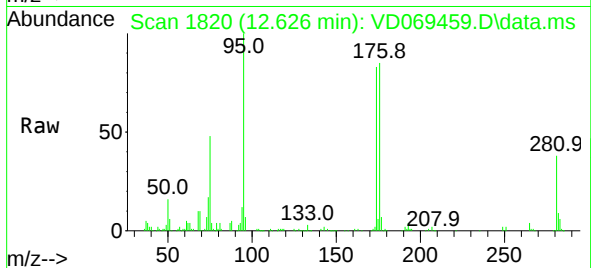




#62
4-Bromofluorobenzene
Concen: 42.281 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069459.D
Acq: 16 Jun 2021 11:35

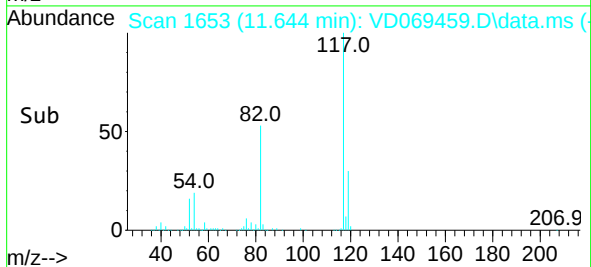
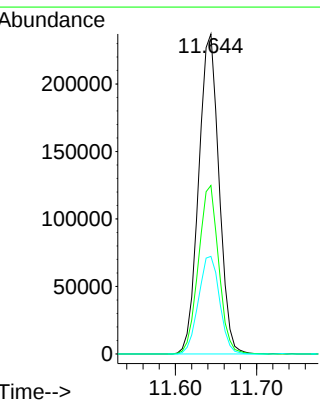
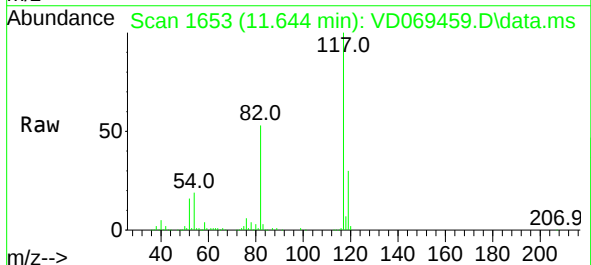
Instrument :
MSVOA_D
ClientSampleId :

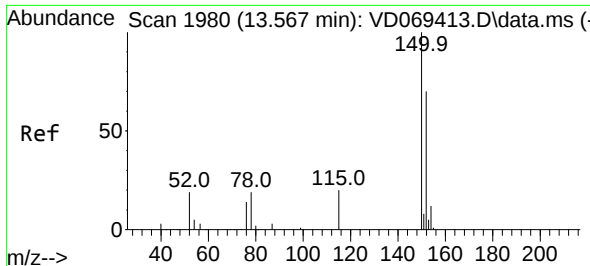
Tgt Ion:	95	Resp:	155671
Ion Ratio	Lower	Upper	
95	100		
174	86.9	0.0	162.8
176	82.6	0.0	154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. -0.000 min
Lab File: VD069459.D
Acq: 16 Jun 2021 11:35

Tgt Ion:	117	Resp:	411926
Ion Ratio	Lower	Upper	
117	100		
82	52.7	43.3	64.9
119	30.5	25.3	37.9

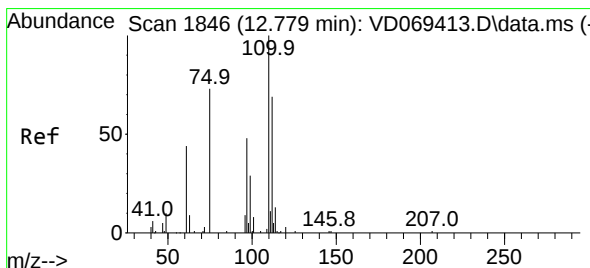
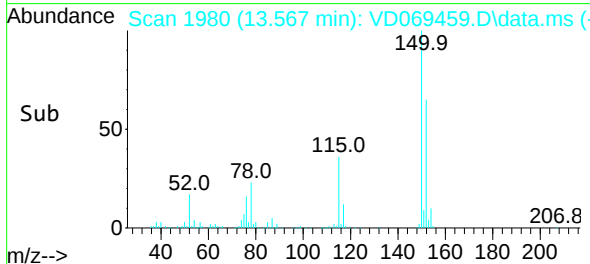
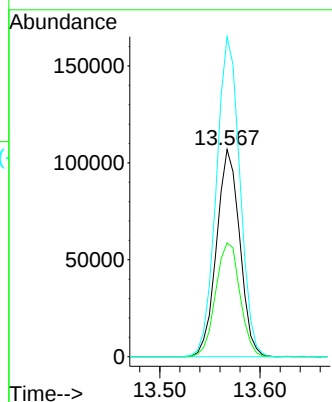
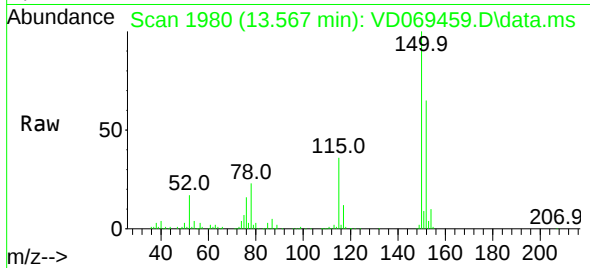




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. 0.000 min
 Lab File: VD069459.D
 Acq: 16 Jun 2021 11:35

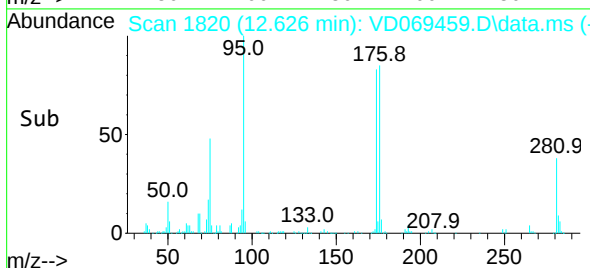
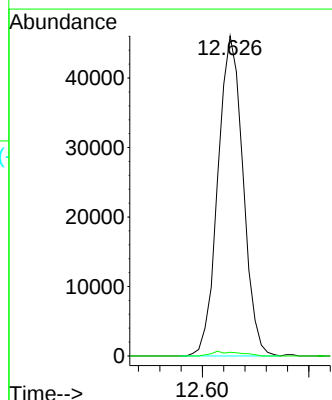
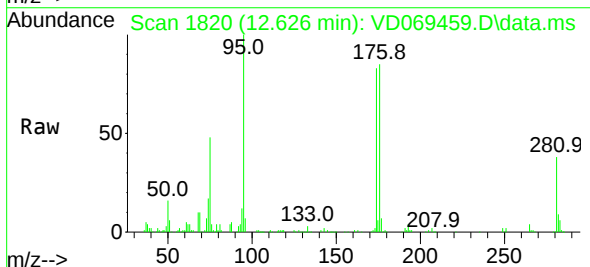
Instrument :
 MSVOA_D
 ClientSampled :

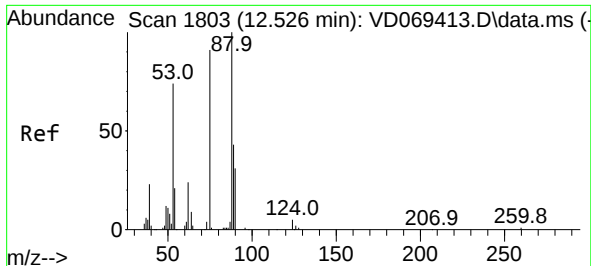
Tgt Ion:152 Resp: 171223
 Ion Ratio Lower Upper
 152 100
 115 57.7 29.4 88.3
 150 156.9 0.0 355.0



#76
 1,2,3-Trichloropropane
 Concen: 43.459 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. -0.153 min
 Lab File: VD069459.D
 Acq: 16 Jun 2021 11:35

Tgt Ion: 75 Resp: 75440
 Ion Ratio Lower Upper
 75 100
 77 1.6 183.8 551.2#

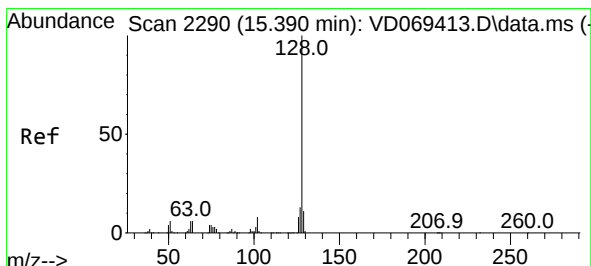
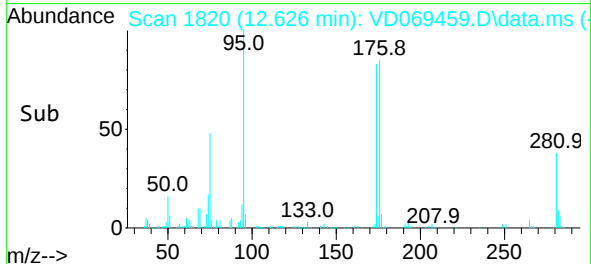
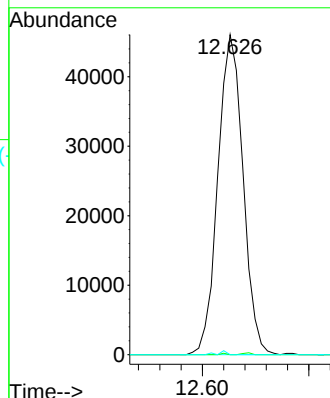
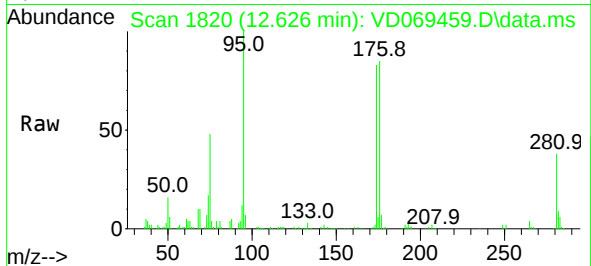




#81
trans-1,4-Dichloro-2-butene
Concen: 115.936 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.100 min
Lab File: VD069459.D
Acq: 16 Jun 2021 11:35

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 75440
Ion Ratio Lower Upper
75 100
53 0.1 62.6 94.0#
89 0.4 35.6 53.4#



#95
Naphthalene
Concen: 3.702 ug/l
RT: 15.390 min Scan# 2290
Delta R.T. 0.000 min
Lab File: VD069459.D
Acq: 16 Jun 2021 11:35

Tgt Ion: 128 Resp: 836
Ion Ratio Lower Upper
128 100
127 6.6 10.4 15.6#
129 0.0 8.8 13.2#

