

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061521\
 Data File : VD069440.D
 Acq On : 15 Jun 2021 12:43
 Operator : VA/SY
 Sample : VD0615SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jun 16 01:59:23 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)

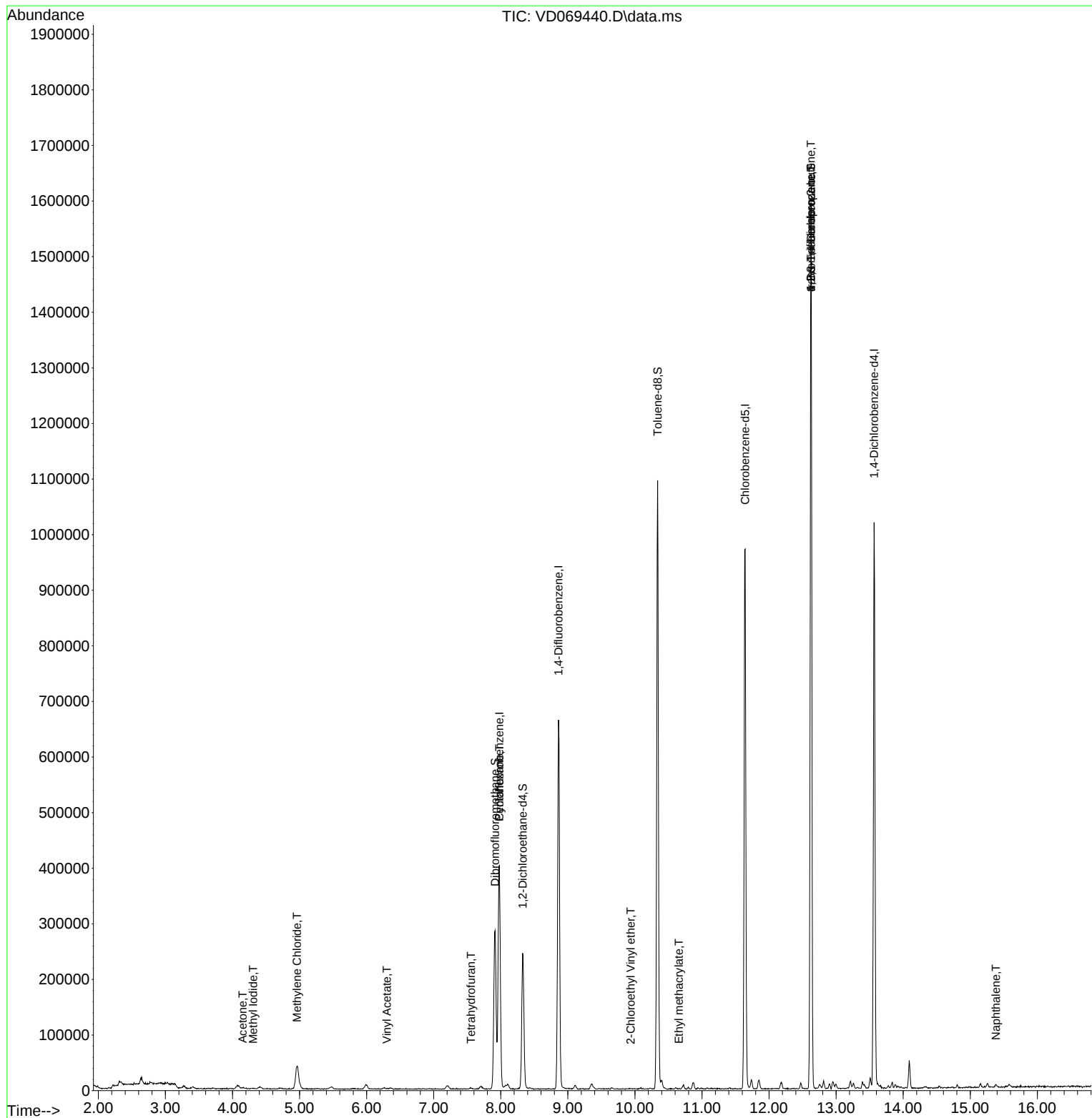
Internal Standards						
1) Pentafluorobenzene	7.979	168	305339	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	591644	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	611361	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	278934	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	193648	56.216	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 112.440%	
35) Dibromofluoromethane	7.914	113	211890	47.815	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 95.640%	
50) Toluene-d8	10.338	98	762040	47.017	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 94.040%	
62) 4-Bromofluorobenzene	12.626	95	281621	54.153	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 108.300%	
Target Compounds						Qvalue
5) Bromomethane	2.779	94	3235	Below Cal	87	
10) Methyl Iodide	4.309	142	1645	3.750	ug/l #	39
16) Acetone	4.150	43	3635	6.375	ug/l #	72
18) Methyl Acetate	4.714	43	280	Below Cal	# 46	
20) Methylene Chloride	4.961	84	35857	2.075	ug/l	94
23) Vinyl Acetate	6.303	43	629	17.697	ug/l #	67
29) Tetrahydrofuran	7.555	42	671	1.677	ug/l #	62
31) Cyclohexane	7.979	56	9096	1.943	ug/l #	31
56) Ethyl methacrylate	10.655	69	405	2.920	ug/l #	84
58) 2-Chloroethyl Vinyl ether	9.938	63	609	12.231	ug/l #	85
76) 1,2,3-Trichloropropane	12.626	75	137592	48.655	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	137592	129.798	ug/l #	19
95) Naphthalene	15.384	128	4879	4.040	ug/l #	86

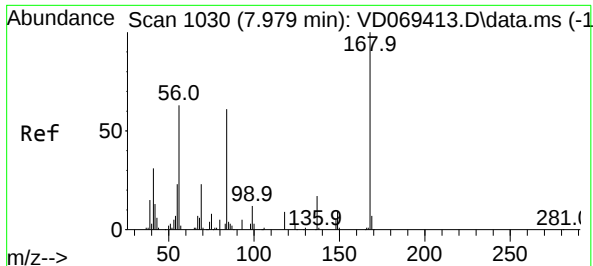
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jun 11 12:50:13 2021
Response via : Initial Calibration

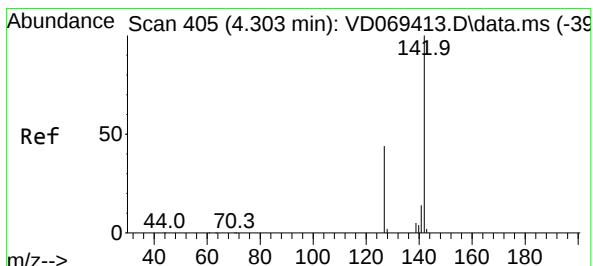
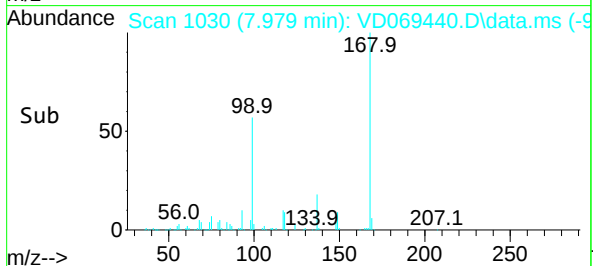
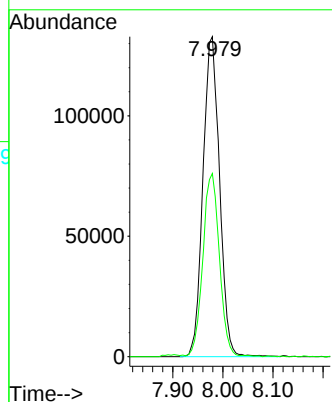
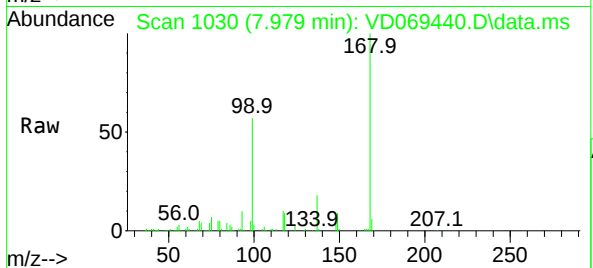




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD069440.D
Acq: 15 Jun 2021 12:43

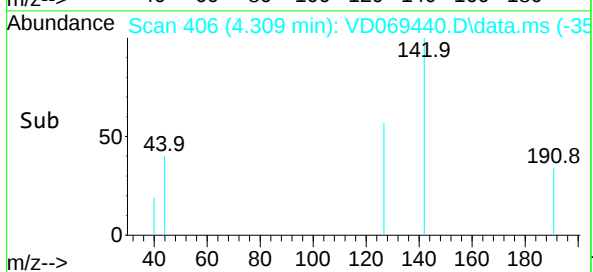
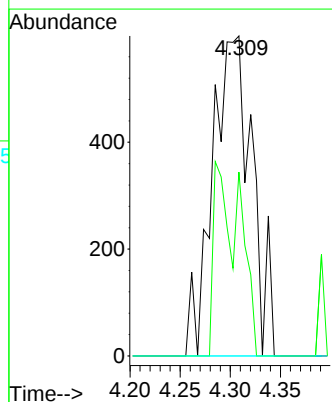
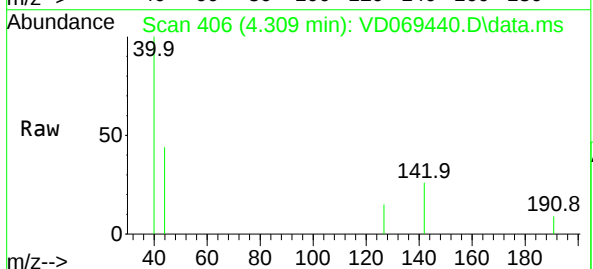
Instrument :
MSVOA_D
ClientSampled :

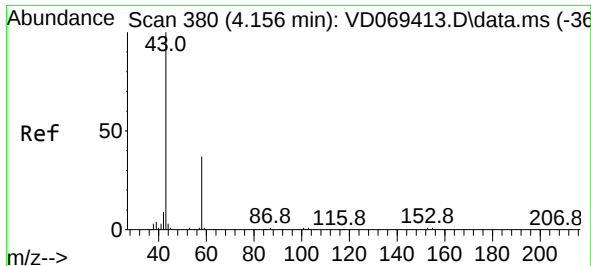
Tgt Ion:168 Resp: 305339
Ion Ratio Lower Upper
168 100
99 57.1 46.2 69.2



#10
Methyl Iodide
Concen: 3.750 ug/l
RT: 4.309 min Scan# 406
Delta R.T. 0.006 min
Lab File: VD069440.D
Acq: 15 Jun 2021 12:43

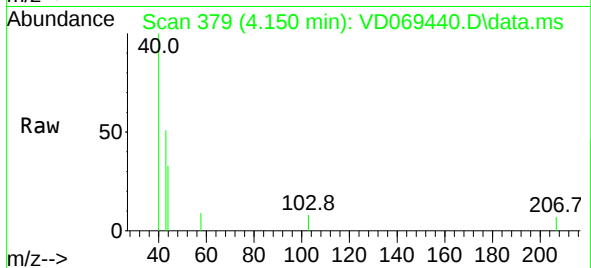
Tgt Ion:142 Resp: 1645
Ion Ratio Lower Upper
142 100
127 0.0 36.2 54.2#
141 0.0 12.2 18.2#



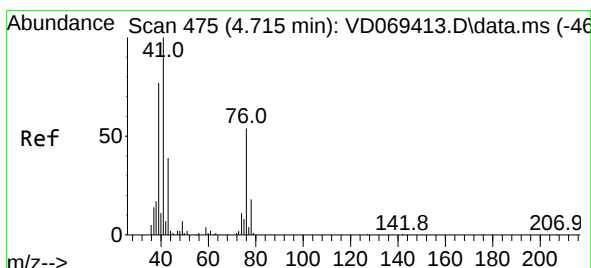
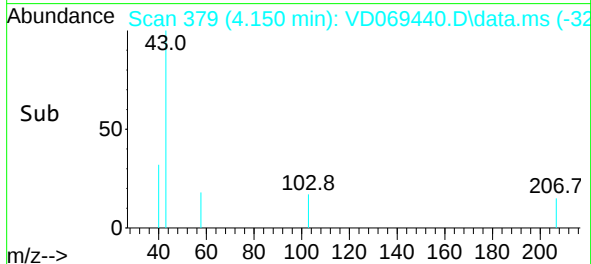
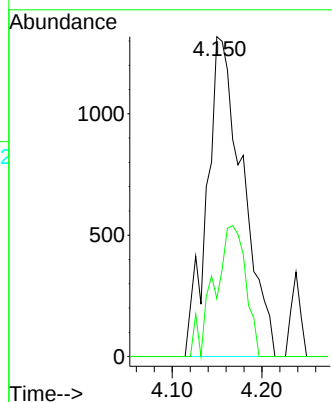


#16
Acetone
Concen: 6.375 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD069440.D
Acq: 15 Jun 2021 12:43

Instrument :
MSVOA_D
ClientSampleId :

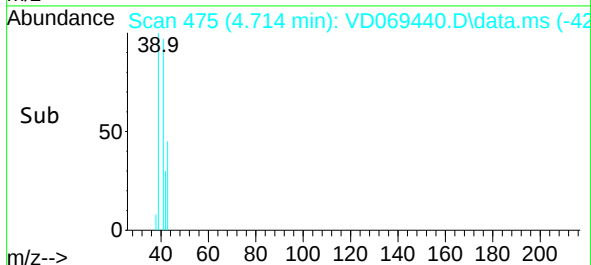
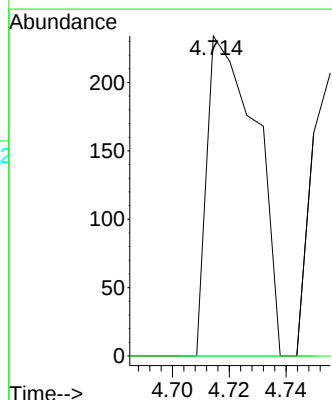
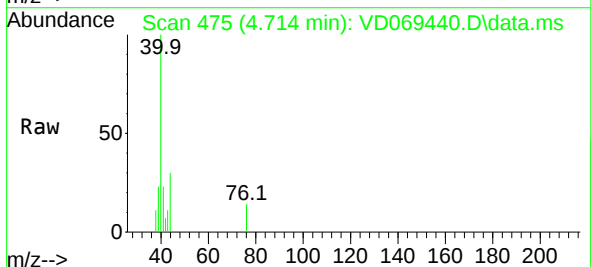


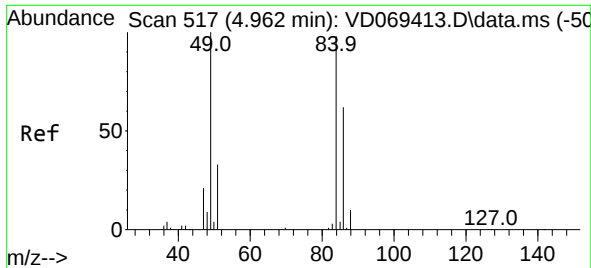
Tgt Ion: 43 Resp: 3635
Ion Ratio Lower Upper
43 100
58 18.1 27.5 41.3#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.714 min Scan# 475
Delta R.T. -0.001 min
Lab File: VD069440.D
Acq: 15 Jun 2021 12:43

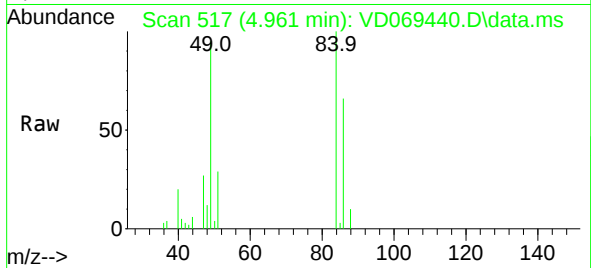
Tgt Ion: 43 Resp: 280
Ion Ratio Lower Upper
43 100
74 0.0 22.8 34.2#



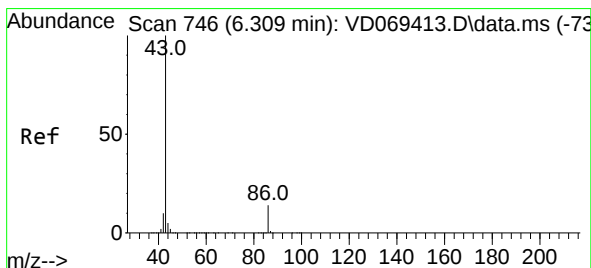
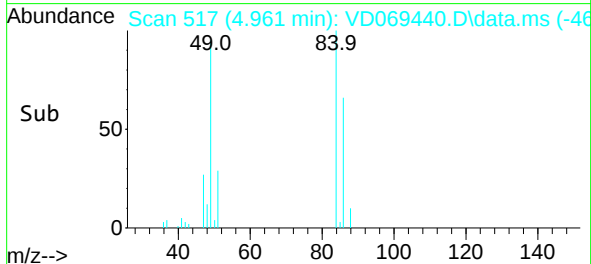
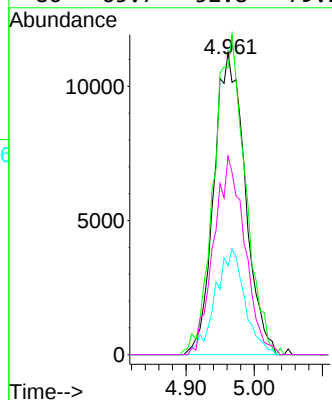


#20
Methylene Chloride
Concen: 2.075 ug/l
RT: 4.961 min Scan# 517
Delta R.T. -0.001 min
Lab File: VD069440.D
Acq: 15 Jun 2021 12:43

Instrument :
MSVOA_D
ClientSampled :

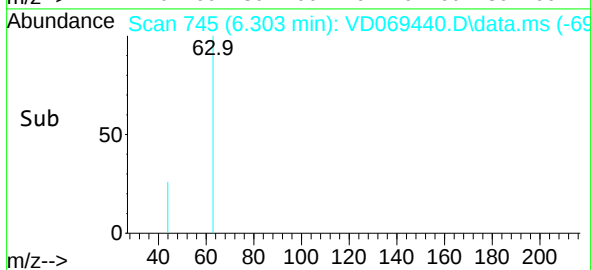
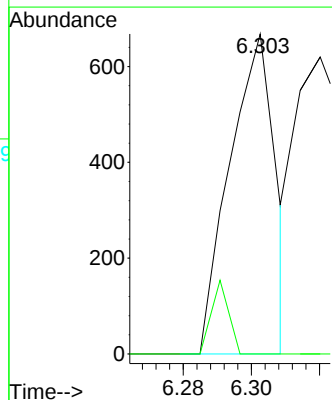
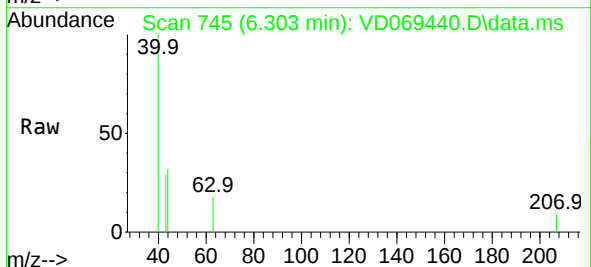


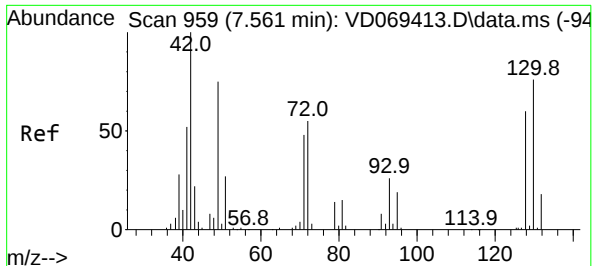
Tgt Ion:	84	Resp:	35857
Ion	Ratio	Lower	Upper
84	100		
49	94.8	83.7	125.5
51	29.4	26.4	39.6
86	65.7	52.8	79.2



#23
Vinyl Acetate
Concen: 17.697 ug/l
RT: 6.303 min Scan# 745
Delta R.T. -0.006 min
Lab File: VD069440.D
Acq: 15 Jun 2021 12:43

Tgt Ion:	43	Resp:	629
Ion	Ratio	Lower	Upper
43	100		
86	0.0	10.5	15.7#





#29

Tetrahydrofuran

Concen: 1.677 ug/l

RT: 7.555 min Scan# 958

Delta R.T. -0.006 min

Lab File: VD069440.D

Acq: 15 Jun 2021 12:43

Tgt Ion: 42 Resp: 671

Ion Ratio Lower Upper

42 100

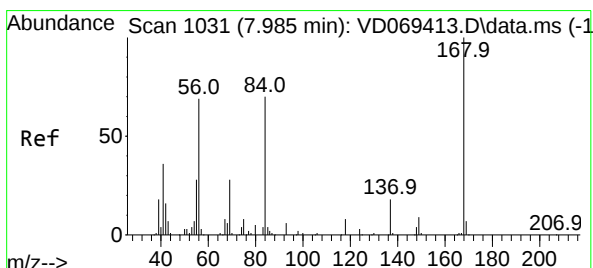
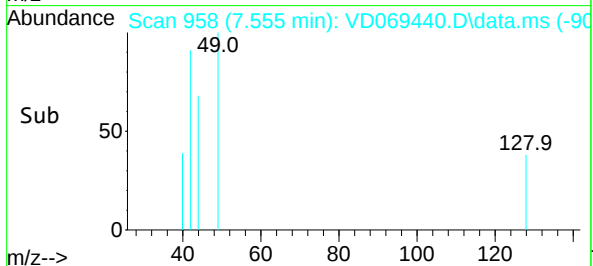
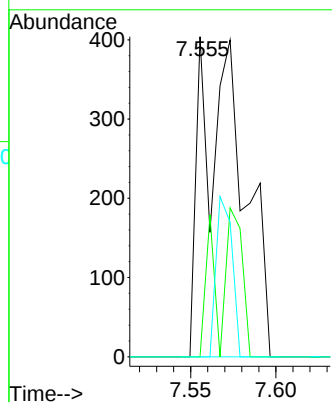
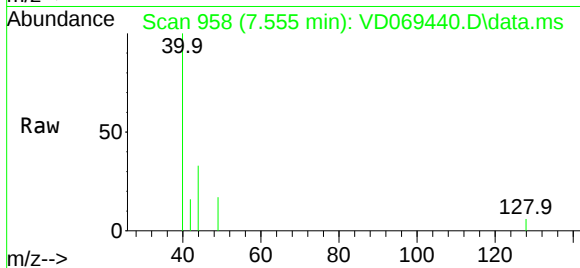
72 27.9 41.0 61.6#

71 19.5 38.9 58.3#

Instrument :

MSVOA_D

ClientSampleId :



#31

Cyclohexane

Concen: 1.943 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.006 min

Lab File: VD069440.D

Acq: 15 Jun 2021 12:43

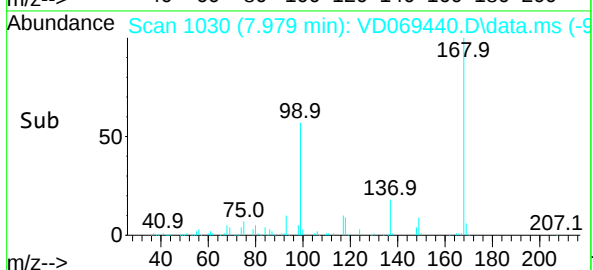
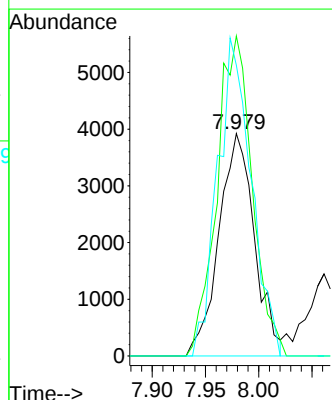
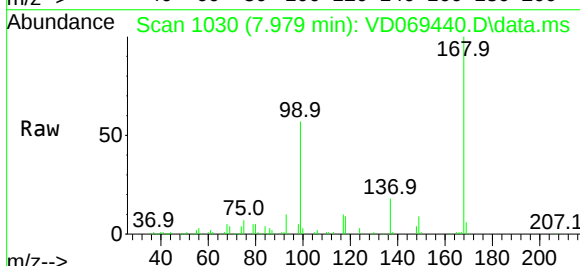
Tgt Ion: 56 Resp: 9096

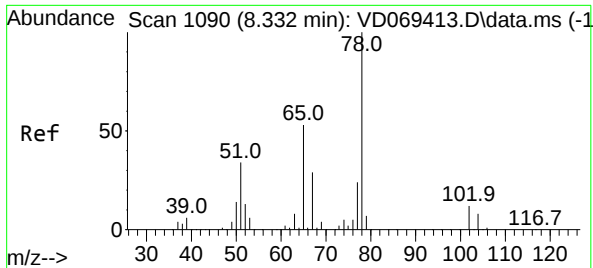
Ion Ratio Lower Upper

56 100

69 143.9 29.0 43.4#

84 130.7 81.1 121.7#



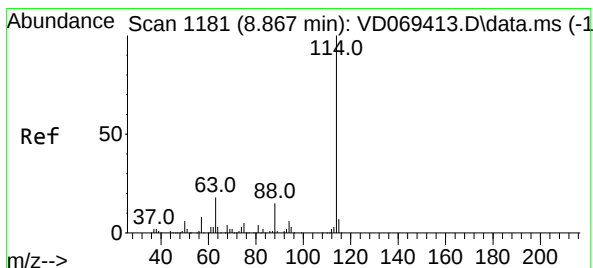
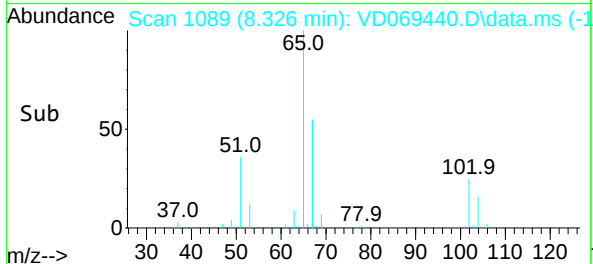
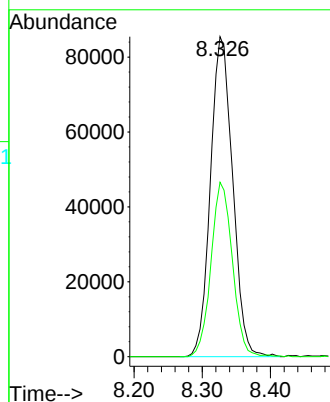
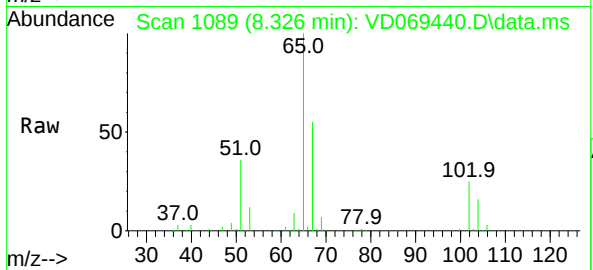


#33

1,2-Dichloroethane-d4
Concen: 56.216 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD069440.D
Acq: 15 Jun 2021 12:43

Instrument :
MSVOA_D
ClientSampled :

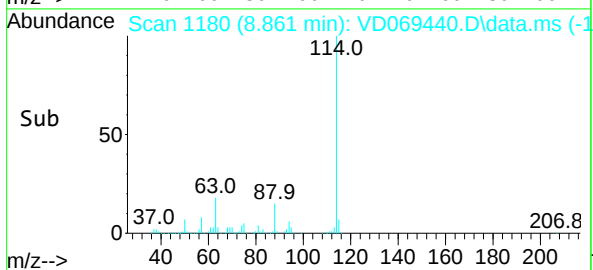
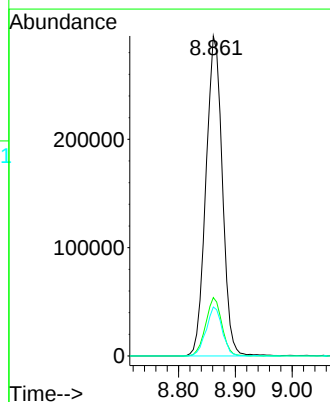
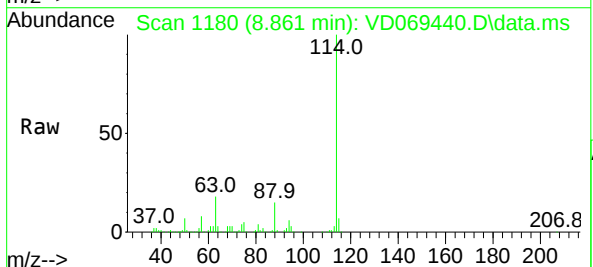
Tgt Ion: 65 Resp: 193648
Ion Ratio Lower Upper
65 100
67 52.6 0.0 105.8

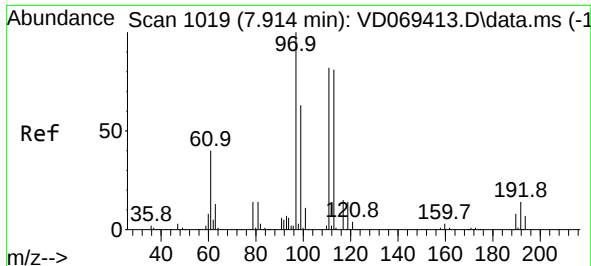


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD069440.D
Acq: 15 Jun 2021 12:43

Tgt Ion: 114 Resp: 591644
Ion Ratio Lower Upper
114 100
63 18.3 0.0 35.6
88 15.3 0.0 31.2





#35

Dibromofluoromethane

Concen: 47.815 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD069440.D

Acq: 15 Jun 2021 12:43

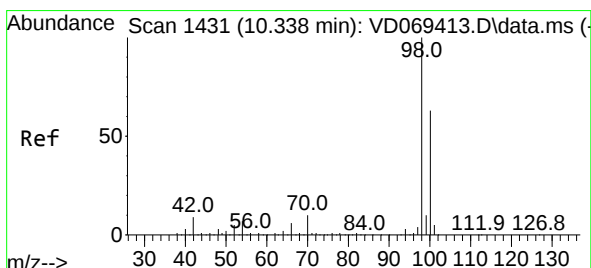
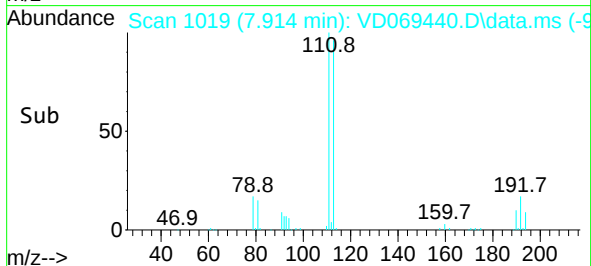
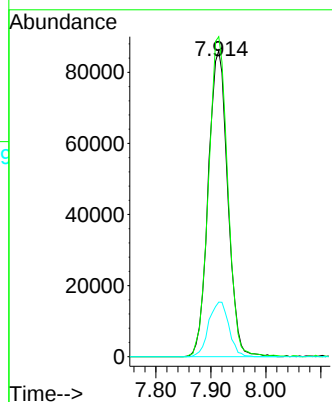
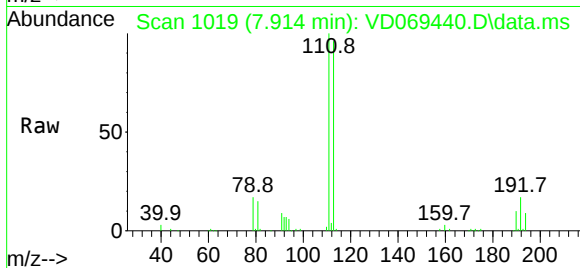
Tgt Ion:113 Resp: 211890

Ion Ratio Lower Upper

113 100

111 102.7 83.0 124.6

192 18.5 15.1 22.7



#50

Toluene-d8

Concen: 47.017 ug/l

RT: 10.338 min Scan# 1431

Delta R.T. -0.000 min

Lab File: VD069440.D

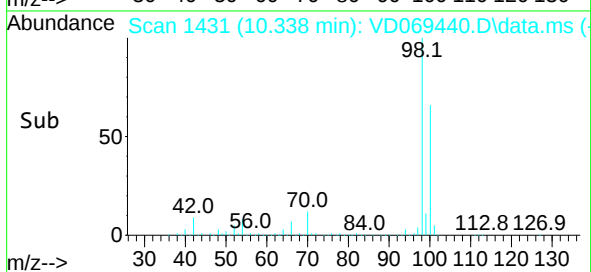
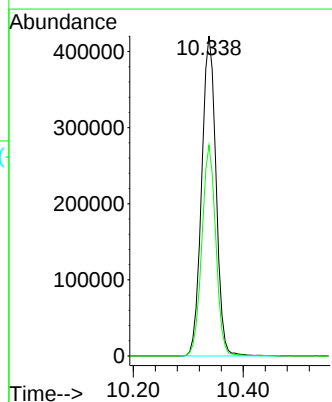
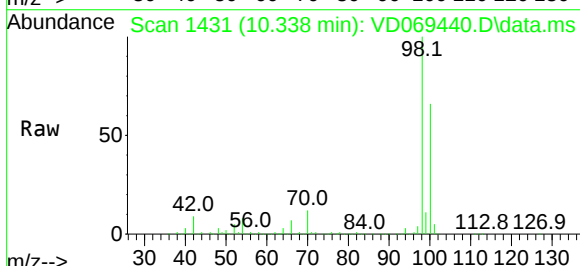
Acq: 15 Jun 2021 12:43

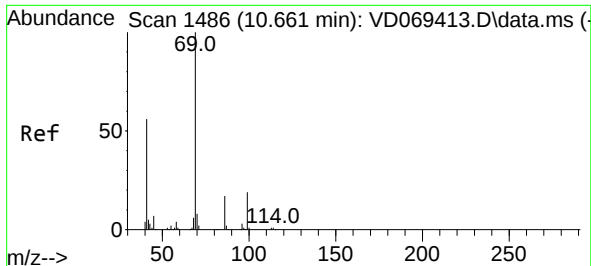
Tgt Ion: 98 Resp: 762040

Ion Ratio Lower Upper

98 100

100 64.0 52.1 78.1

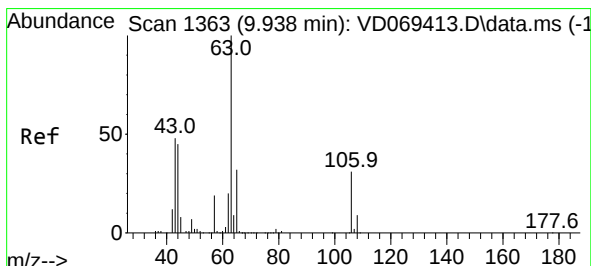
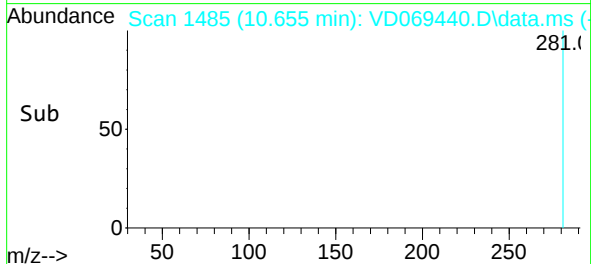
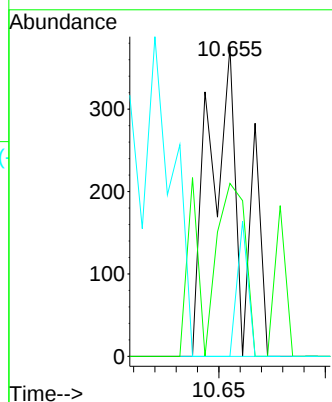
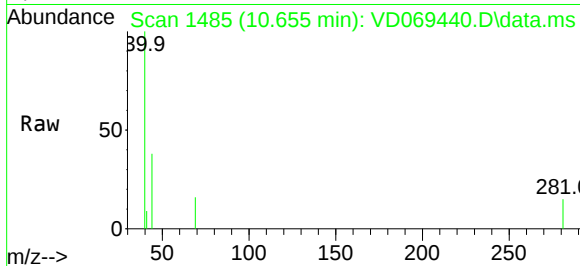




#56
Ethyl methacrylate
Concen: 2.920 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. -0.006 min
Lab File: VD069440.D
Acq: 15 Jun 2021 12:43

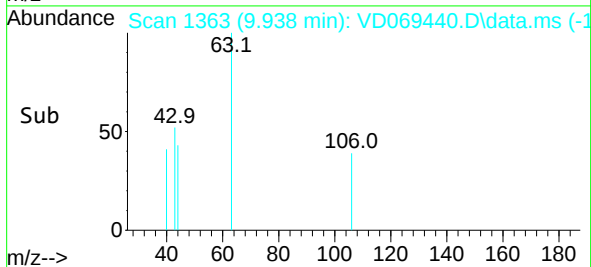
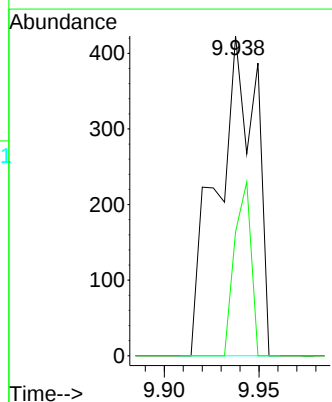
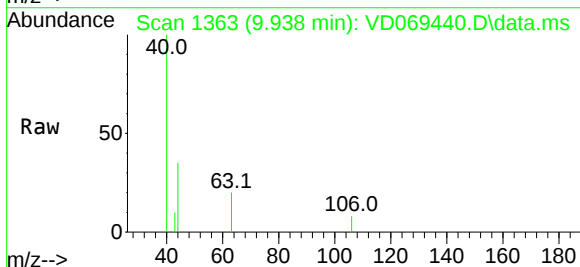
Instrument :
MSVOA_D
ClientSampleId :

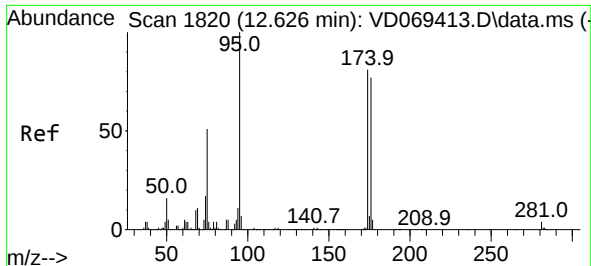
Tgt Ion: 69 Resp: 405
Ion Ratio Lower Upper
69 100
41 47.9 45.4 68.2
39 14.3 21.7 32.5#



#58
2-Chloroethyl Vinyl ether
Concen: 12.231 ug/l
RT: 9.938 min Scan# 1363
Delta R.T. -0.000 min
Lab File: VD069440.D
Acq: 15 Jun 2021 12:43

Tgt Ion: 63 Resp: 609
Ion Ratio Lower Upper
63 100
106 22.8 24.8 37.2#

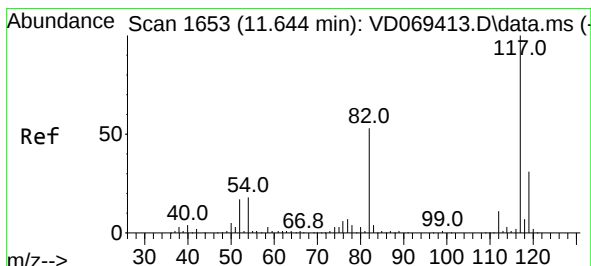
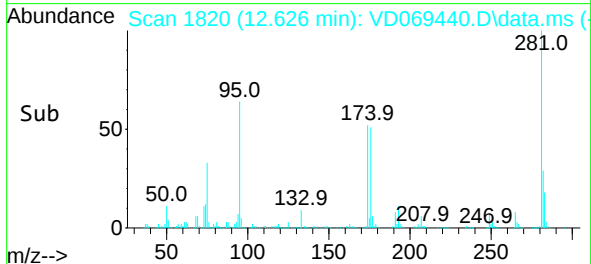
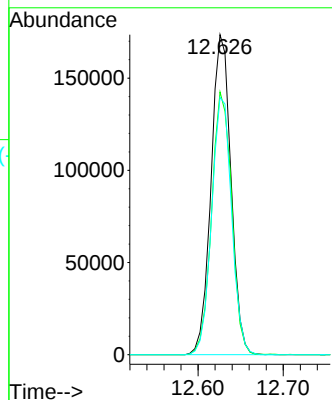
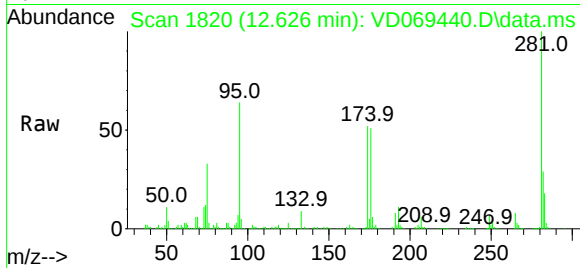




#62
4-Bromofluorobenzene
Concen: 54.153 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069440.D
Acq: 15 Jun 2021 12:43

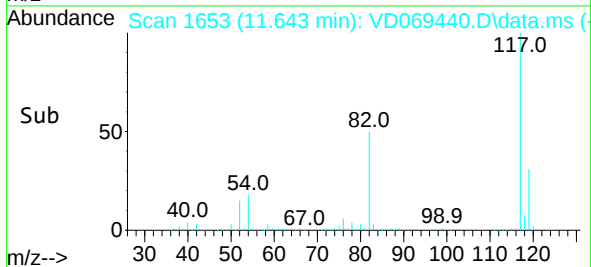
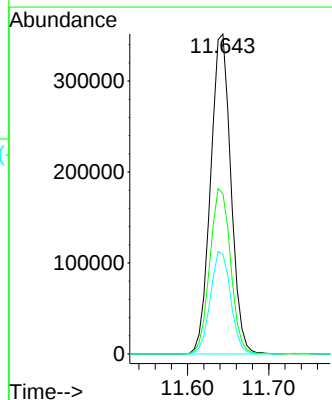
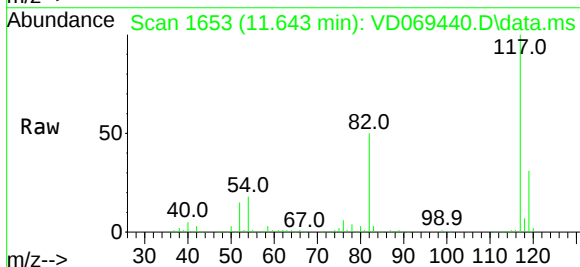
Instrument :
MSVOA_D
ClientSampleId :

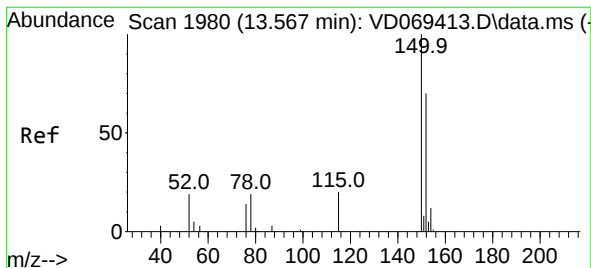
Tgt Ion: 95 Resp: 281621
Ion Ratio Lower Upper
95 100
174 82.6 0.0 162.8
176 80.6 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. -0.001 min
Lab File: VD069440.D
Acq: 15 Jun 2021 12:43

Tgt Ion: 117 Resp: 611361
Ion Ratio Lower Upper
117 100
82 50.0 43.3 64.9
119 31.2 25.3 37.9

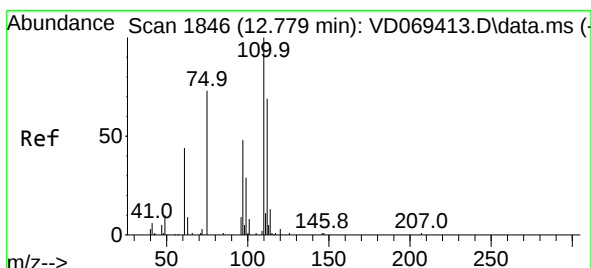
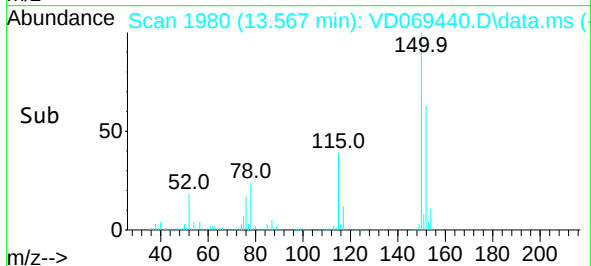
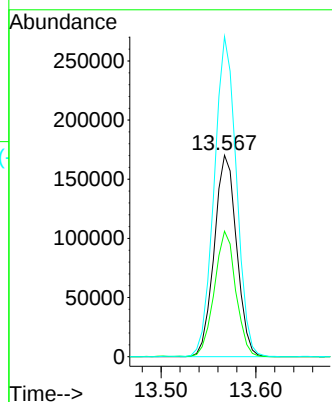
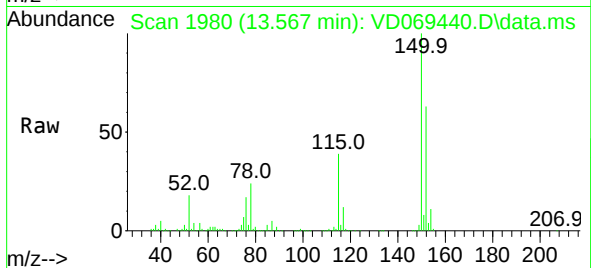




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD069440.D
Acq: 15 Jun 2021 12:43

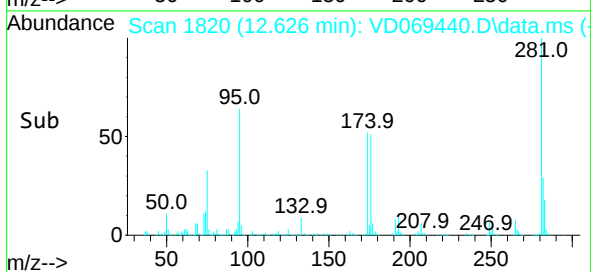
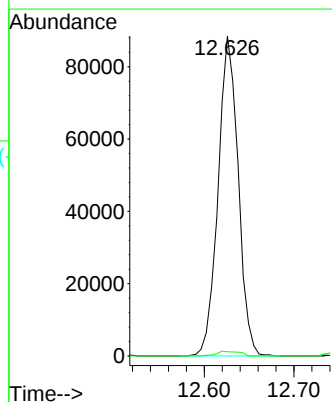
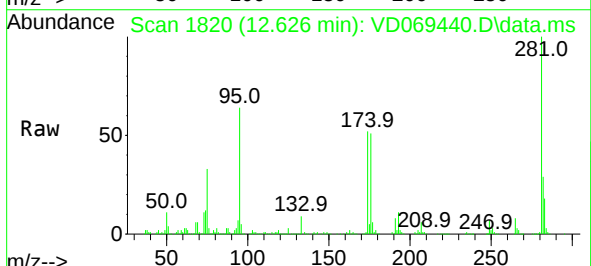
Instrument :
MSVOA_D
ClientSampleId :

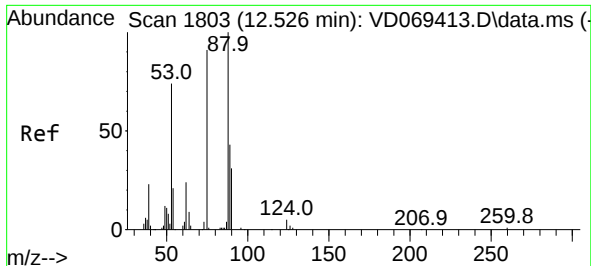
Tgt Ion:152 Resp: 278934
Ion Ratio Lower Upper
152 100
115 59.9 29.4 88.3
150 158.2 0.0 355.0



#76
1,2,3-Trichloropropane
Concen: 48.655 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.153 min
Lab File: VD069440.D
Acq: 15 Jun 2021 12:43

Tgt Ion: 75 Resp: 137592
Ion Ratio Lower Upper
75 100
77 1.7 183.8 551.2#

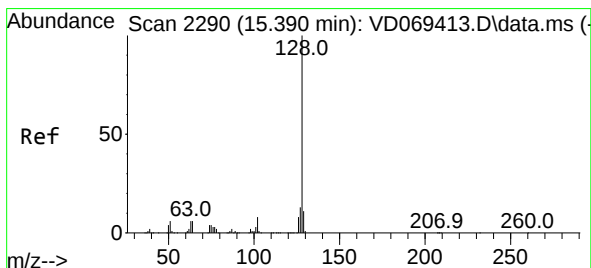
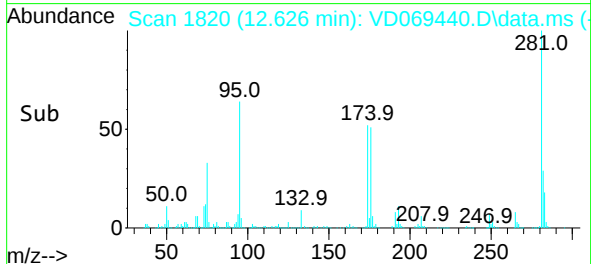
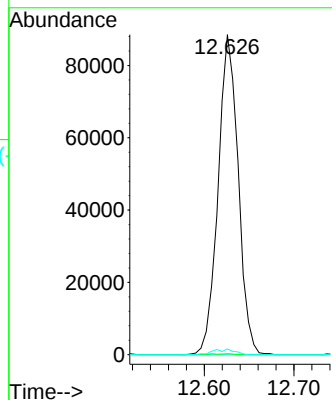
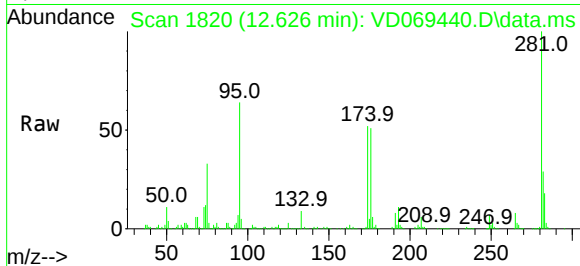




#81
trans-1,4-Dichloro-2-butene
Concen: 129.798 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.100 min
Lab File: VD069440.D
Acq: 15 Jun 2021 12:43

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 137592
Ion Ratio Lower Upper
75 100
53 0.3 62.6 94.0#
89 1.0 35.6 53.4#



#95
Naphthalene
Concen: 4.040 ug/l
RT: 15.384 min Scan# 2289
Delta R.T. -0.006 min
Lab File: VD069440.D
Acq: 15 Jun 2021 12:43

Tgt Ion:128 Resp: 4879
Ion Ratio Lower Upper
128 100
127 6.3 10.4 15.6#
129 7.3 8.8 13.2#

