

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061421\
 Data File : VD069425.D
 Acq On : 14 Jun 2021 14:27
 Operator : VA/SY
 Sample : M2691-01
 Misc : 4.20G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jun 15 07:26:52 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)

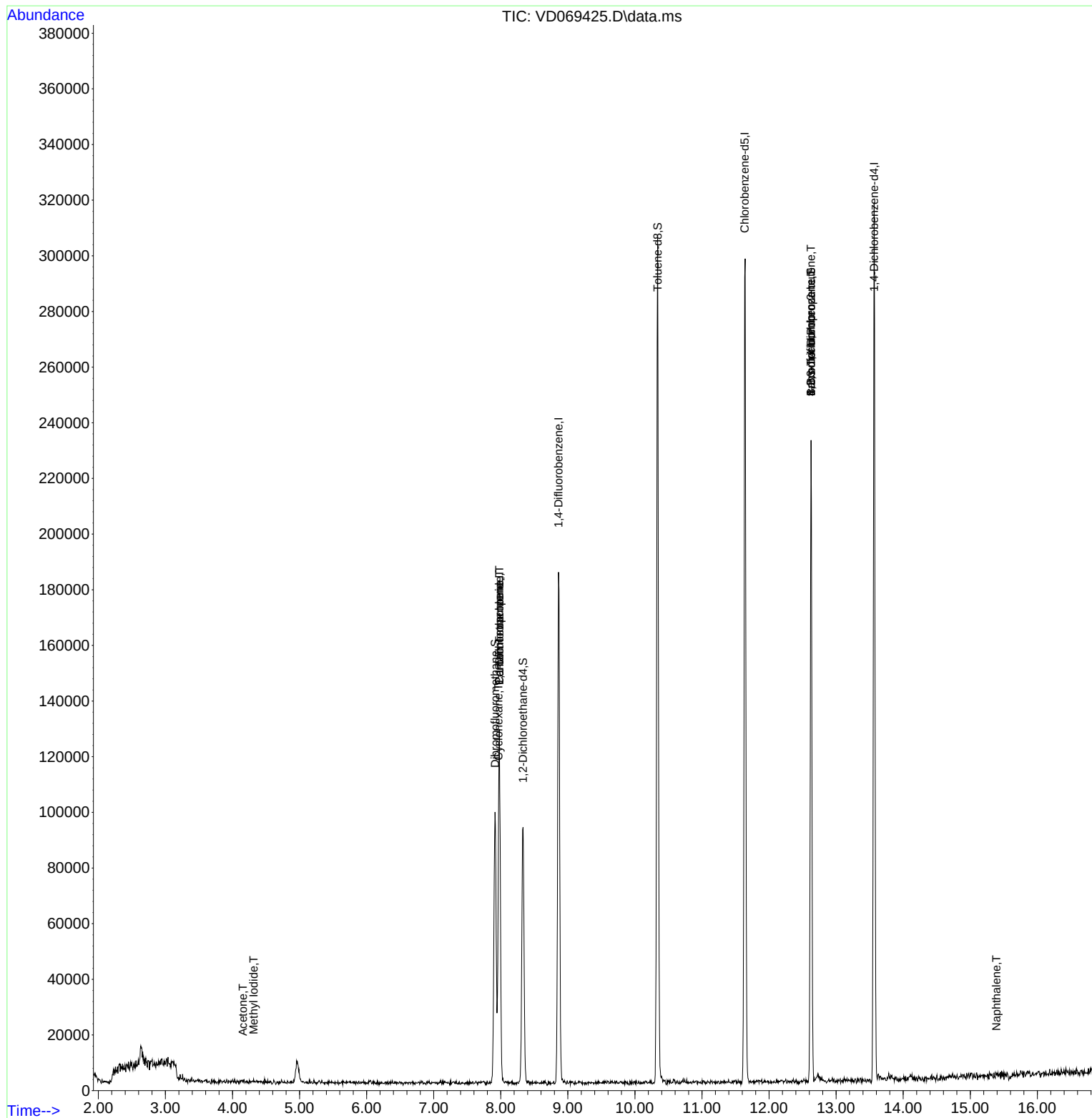
Internal Standards						
1) Pentafluorobenzene	7.979	168	96200	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	164215	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	182430	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	83716	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	77029	70.98	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 141.96%			
35) Dibromofluoromethane	7.914	113	71859	58.42	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 116.84%			
50) Toluene-d8	10.338	98	211165	46.94	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 93.88%			
62) 4-Bromofluorobenzene	12.626	95	71992	49.88	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 99.76%			
Target Compounds						Qvalue
5) Bromomethane	2.785	94	580	Below Cal	#	59
10) Methyl Iodide	4.314	142	74	3.39	ug/l #	39
16) Acetone	4.156	43	590	3.28	ug/l #	40
18) Methyl Acetate	4.456	43	60	Below Cal	#	46
20) Methylene Chloride	4.956	84	6493	Below Cal	#	81
31) Cyclohexane	7.967	56	2029	1.38	ug/l #	67
36) 1,1-Dichloropropene	7.979	75	7230	4.23	ug/l #	49
38) Carbon Tetrachloride	7.979	117	9167	4.95	ug/l #	11
71) Bromoform	12.626	173	907	1.14	ug/l #	1
76) 1,2,3-Trichloropropane	12.626	75	35748	42.12	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	35748	112.36	ug/l #	18
95) Naphthalene	15.390	128	483	3.73	ug/l #	69

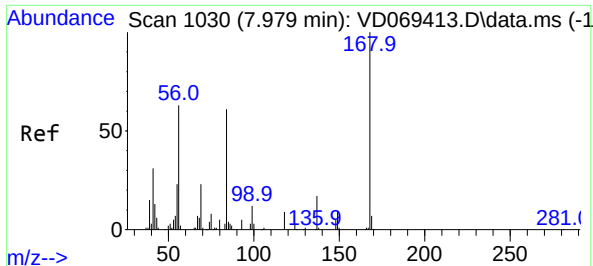
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

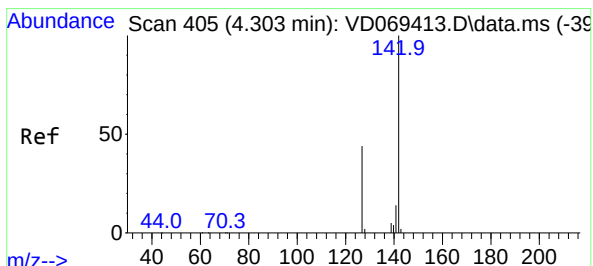
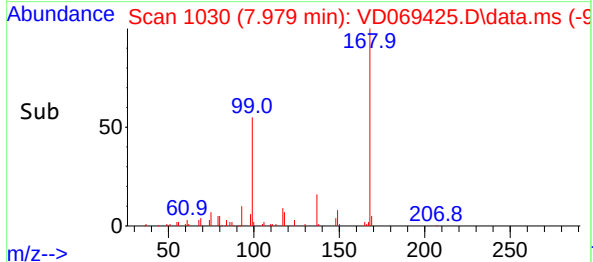
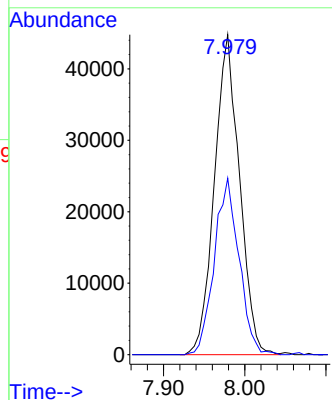
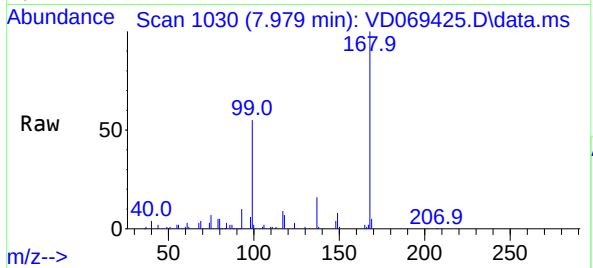




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD069425.D
Acq: 14 Jun 2021 14:27

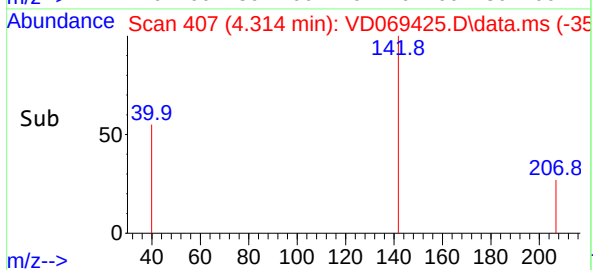
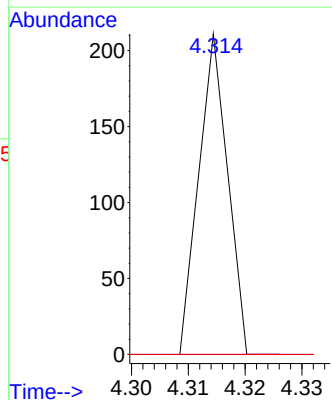
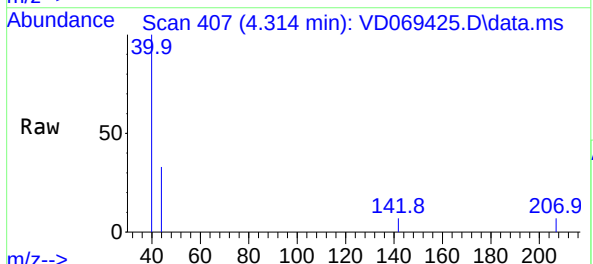
Instrument :
MSVOA_D
ClientSampleId :

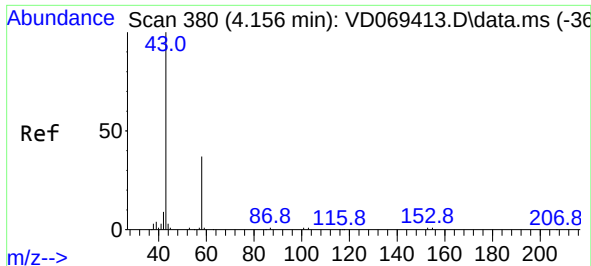
Tgt Ion:168 Resp: 96200
Ion Ratio Lower Upper
168 100
99 55.1 46.2 69.2



#10
Methyl Iodide
Concen: 3.39 ug/l
RT: 4.314 min Scan# 407
Delta R.T. 0.011 min
Lab File: VD069425.D
Acq: 14 Jun 2021 14:27

Tgt Ion:142 Resp: 74
Ion Ratio Lower Upper
142 100
127 0.0 36.2 54.2#
141 0.0 12.2 18.2#

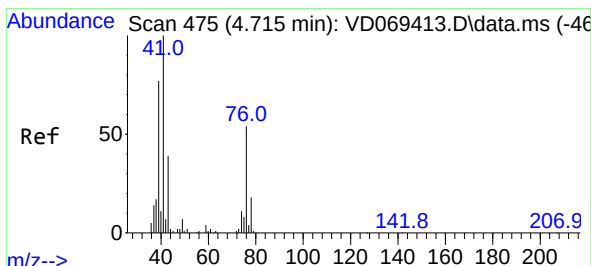
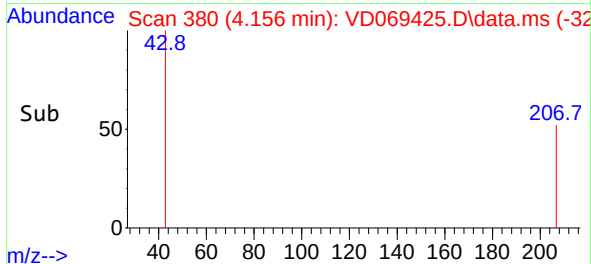
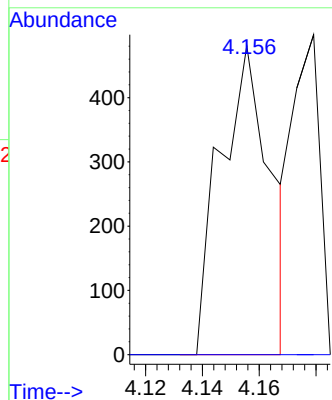
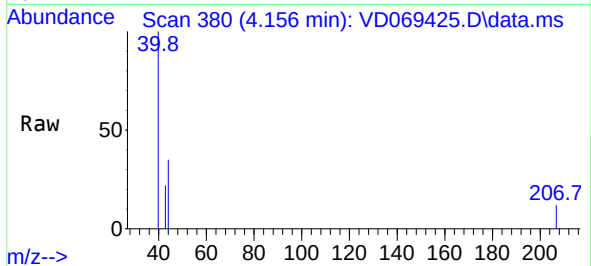




#16
Acetone
Concen: 3.28 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD069425.D
Acq: 14 Jun 2021 14:27

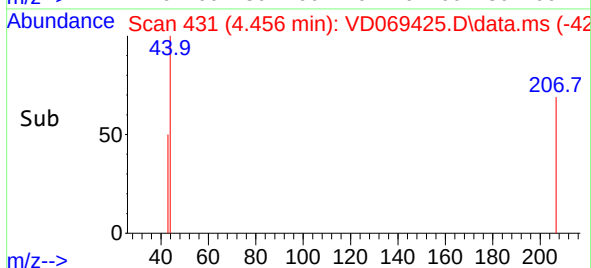
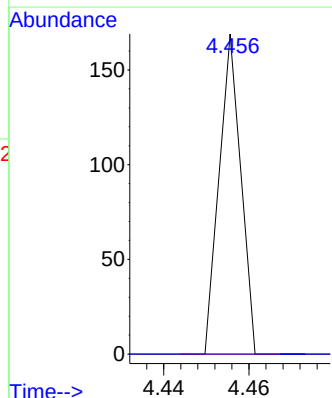
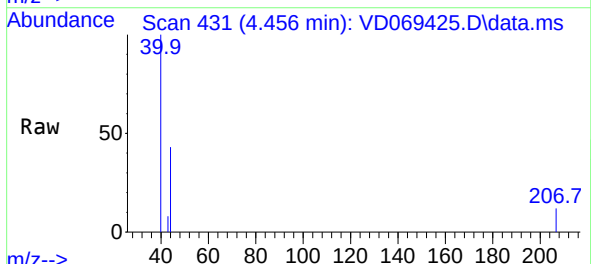
Instrument :
MSVOA_D
ClientSampleId :

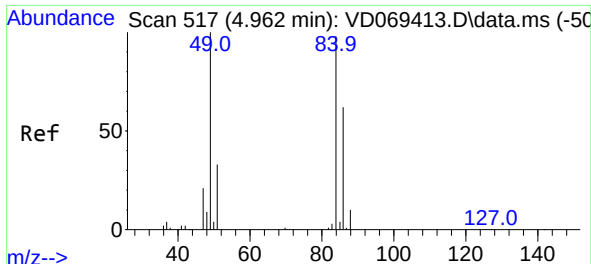
Tgt Ion: 43 Resp: 590
Ion Ratio Lower Upper
43 100
58 0.0 27.5 41.3#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.456 min Scan# 431
Delta R.T. -0.259 min
Lab File: VD069425.D
Acq: 14 Jun 2021 14:27

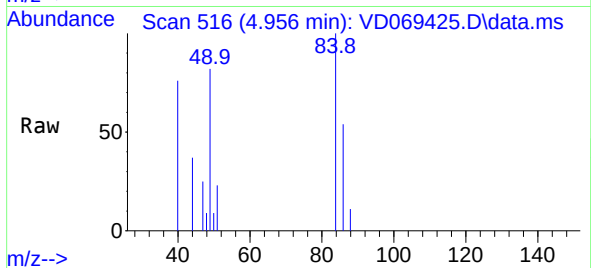
Tgt Ion: 43 Resp: 60
Ion Ratio Lower Upper
43 100
74 0.0 22.8 34.2#





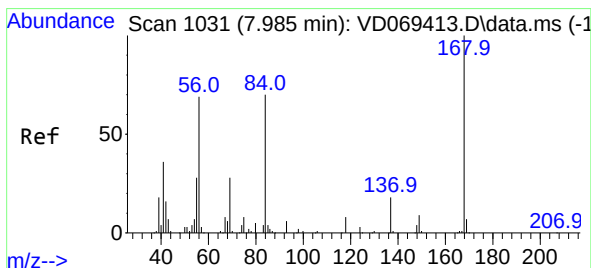
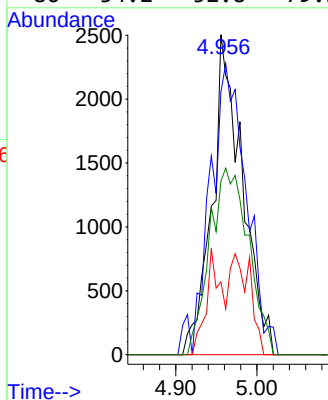
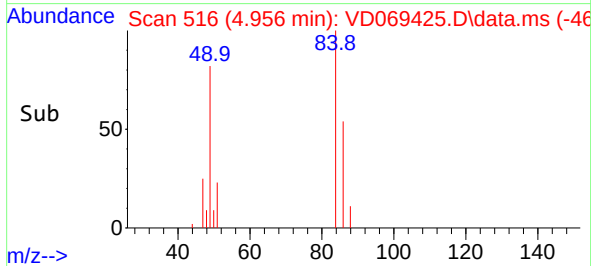
#20
Methylene Chloride
Concen: Below Cal
RT: 4.956 min Scan# 516
Delta R.T. -0.006 min
Lab File: VD069425.D
Acq: 14 Jun 2021 14:27

Instrument :
MSVOA_D
ClientSampleId :

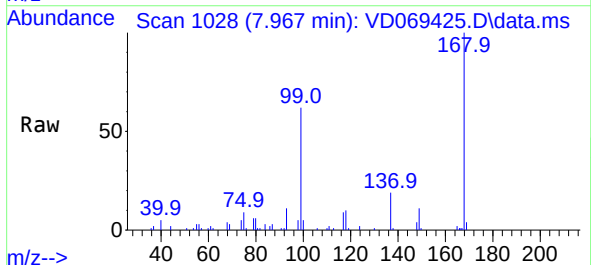


Tgt Ion: 84 Resp: 6493

Ion	Ratio	Lower	Upper
84	100		
49	82.1	83.7	125.5#
51	22.8	26.4	39.6#
86	54.2	52.8	79.2

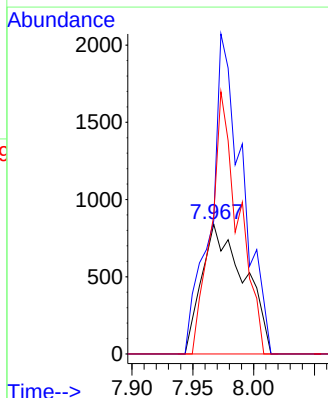
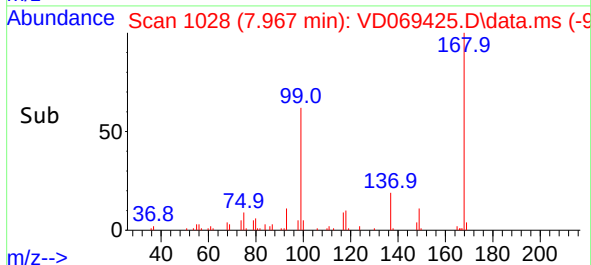


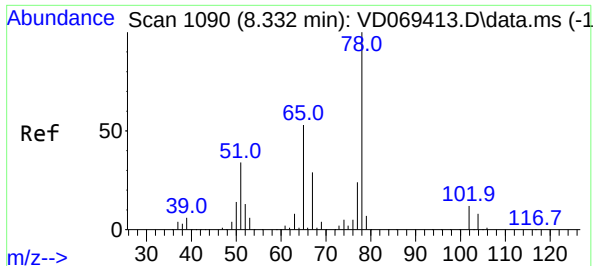
#31
Cyclohexane
Concen: 1.38 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.018 min
Lab File: VD069425.D
Acq: 14 Jun 2021 14:27



Tgt Ion: 56 Resp: 2029

Ion	Ratio	Lower	Upper
56	100		
69	102.5	29.0	43.4#
84	106.3	81.1	121.7

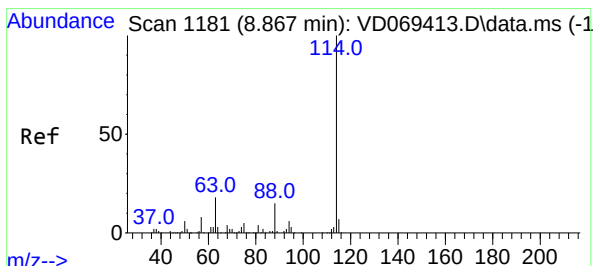
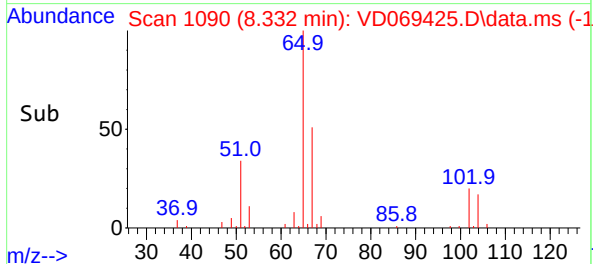
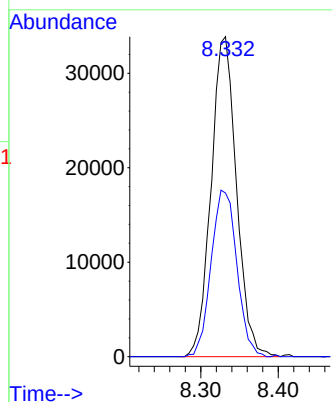
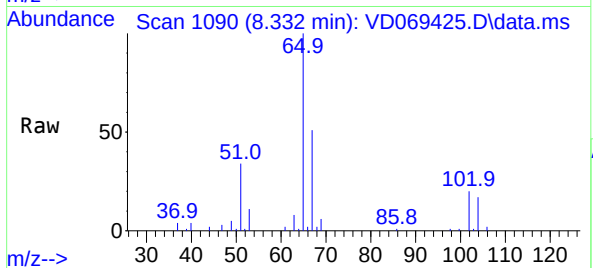




#33
1,2-Dichloroethane-d4
Concen: 70.98 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD069425.D
Acq: 14 Jun 2021 14:27

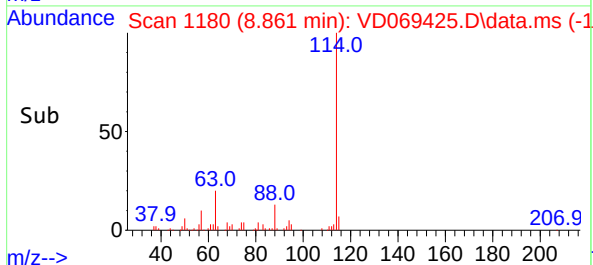
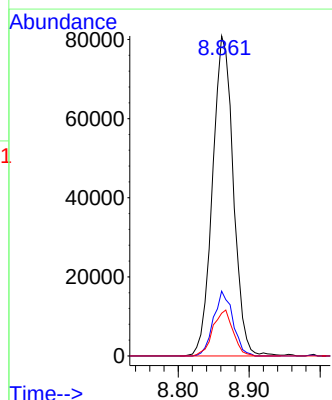
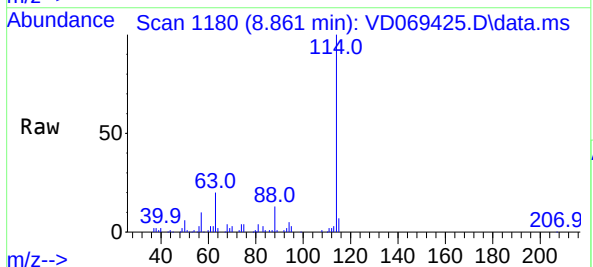
Instrument :
MSVOA_D
ClientSampleId :

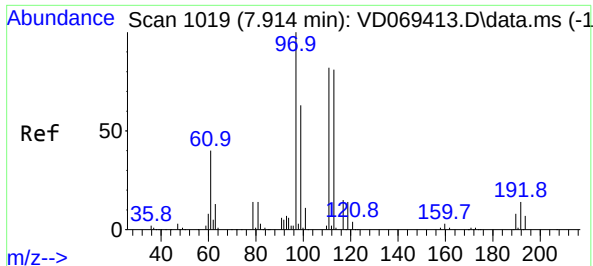
Tgt Ion: 65 Resp: 77029
Ion Ratio Lower Upper
65 100
67 52.8 0.0 105.8



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD069425.D
Acq: 14 Jun 2021 14:27

Tgt Ion:114 Resp: 164215
Ion Ratio Lower Upper
114 100
63 20.3 0.0 35.6
88 13.3 0.0 31.2



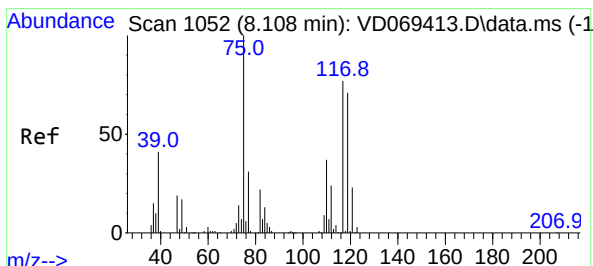
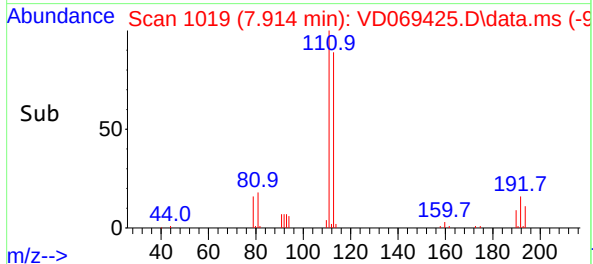
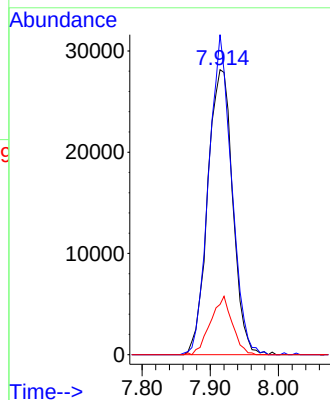
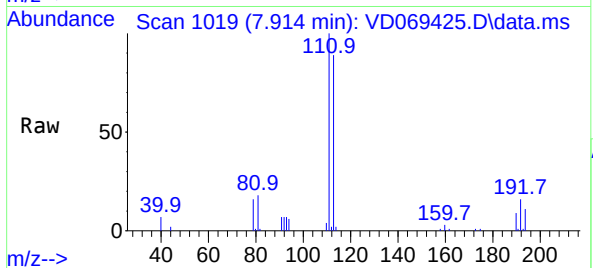


#35

Dibromofluoromethane
Concen: 58.42 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD069425.D
Acq: 14 Jun 2021 14:27

Instrument :
MSVOA_D
ClientSampleId :

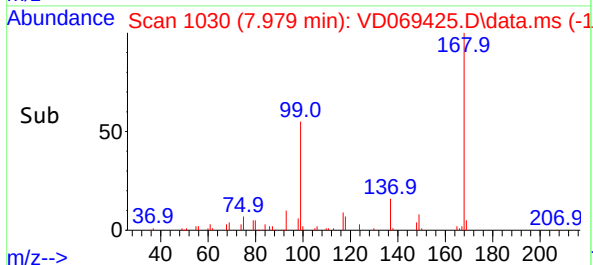
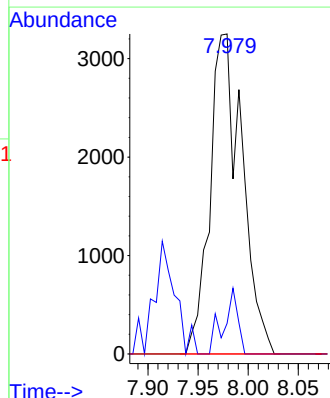
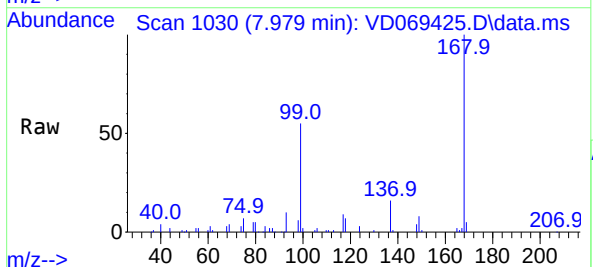
Tgt Ion:	113	Resp:	71859
Ion	Ratio	Lower	Upper
113	100		
111	103.0	83.0	124.6
192	17.9	15.1	22.7

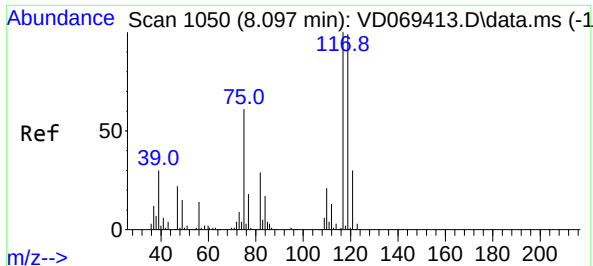


#36

1,1-Dichloropropene
Concen: 4.23 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.129 min
Lab File: VD069425.D
Acq: 14 Jun 2021 14:27

Tgt Ion:	75	Resp:	7230
Ion	Ratio	Lower	Upper
75	100		
110	9.1	18.4	55.2#
77	0.0	24.9	37.3#

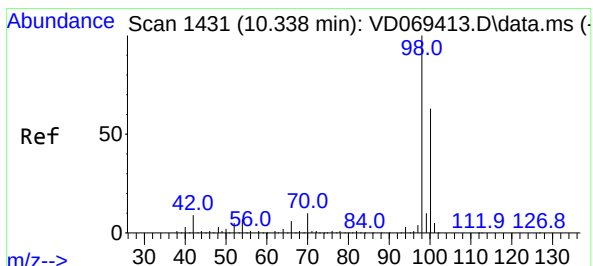
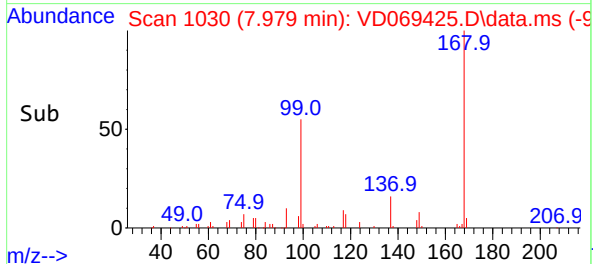
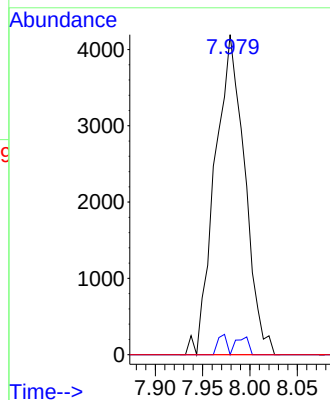
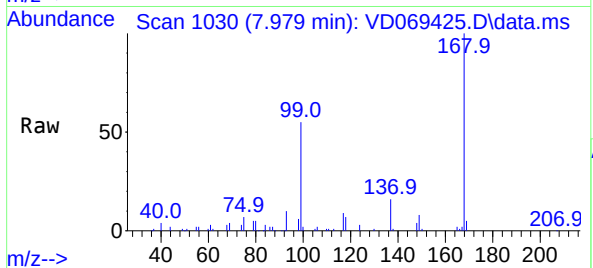




#38
Carbon Tetrachloride
Concen: 4.95 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD069425.D
Acq: 14 Jun 2021 14:27

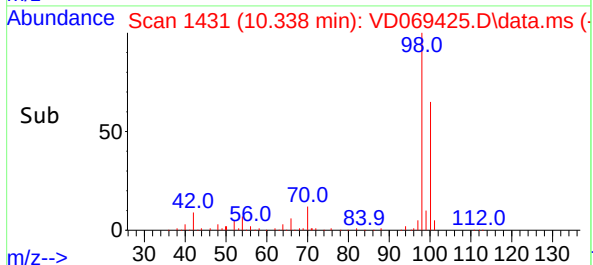
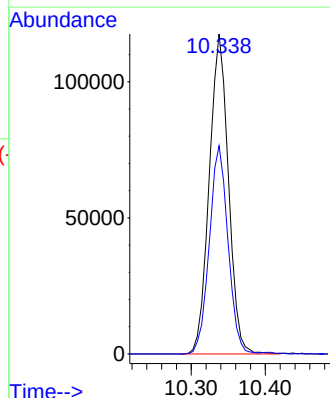
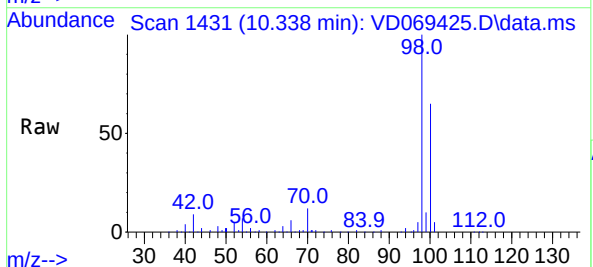
Instrument :
MSVOA_D
ClientSampleId :

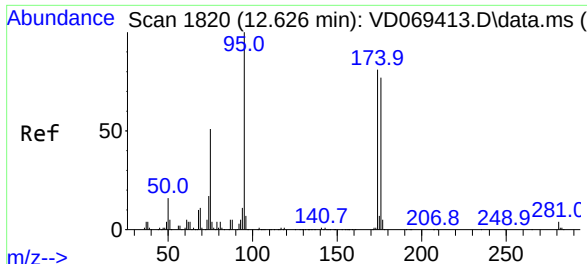
Tgt Ion:117 Resp: 9167
Ion Ratio Lower Upper
117 100
119 0.0 79.4 119.2#
121 0.0 26.1 39.1#



#50
Toluene-d8
Concen: 46.94 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069425.D
Acq: 14 Jun 2021 14:27

Tgt Ion: 98 Resp: 211165
Ion Ratio Lower Upper
98 100
100 63.3 52.1 78.1



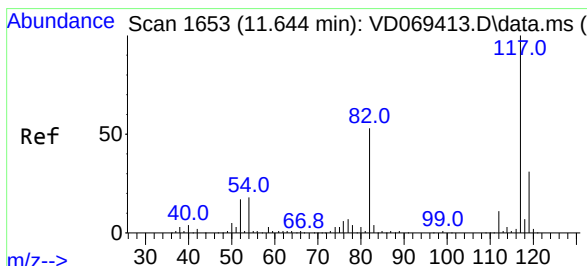
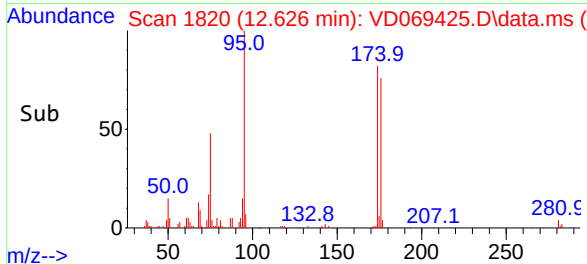
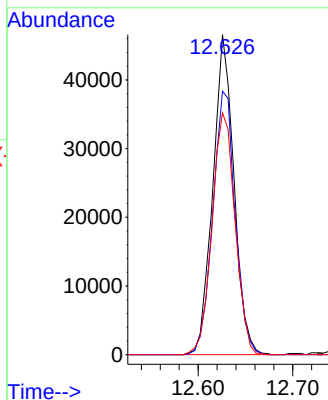
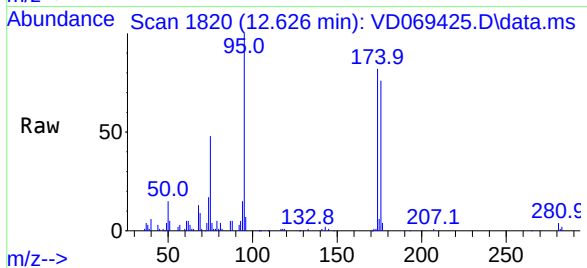


#62
4-Bromofluorobenzene
Concen: 49.88 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069425.D
Acq: 14 Jun 2021 14:27

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 95 Resp: 71992

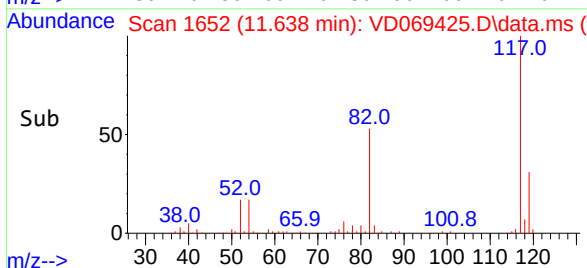
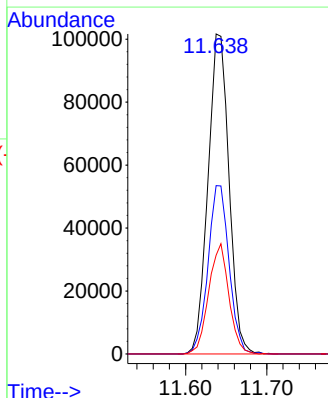
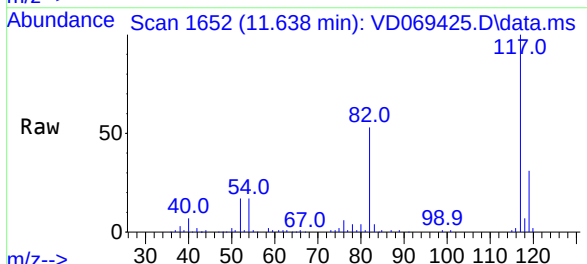
Ion	Ratio	Lower	Upper
95	100		
174	87.7	0.0	162.8
176	82.3	0.0	154.4

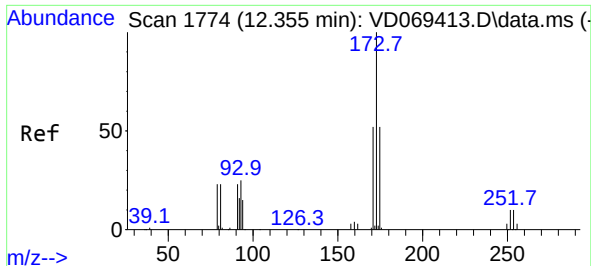


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.006 min
Lab File: VD069425.D
Acq: 14 Jun 2021 14:27

Tgt Ion: 117 Resp: 182430

Ion	Ratio	Lower	Upper
117	100		
82	52.6	43.3	64.9
119	30.8	25.3	37.9

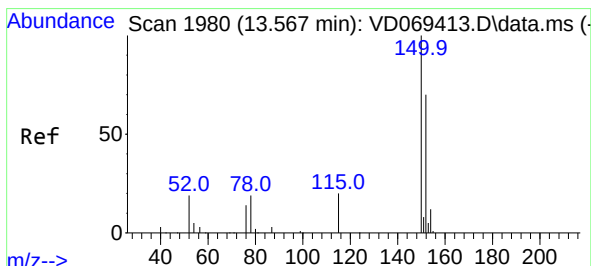
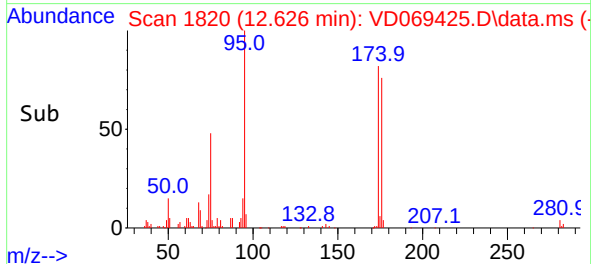
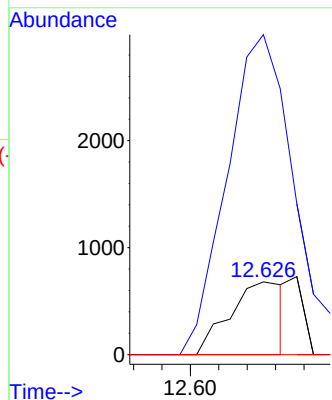
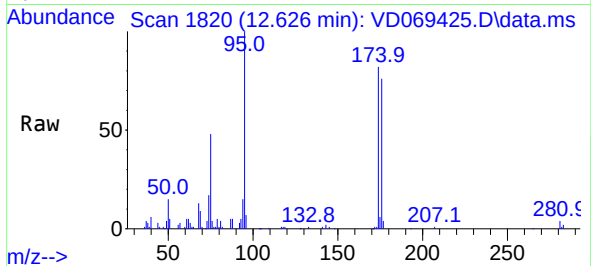




#71
Bromoform
Concen: 1.14 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.271 min
Lab File: VD069425.D
Acq: 14 Jun 2021 14:27

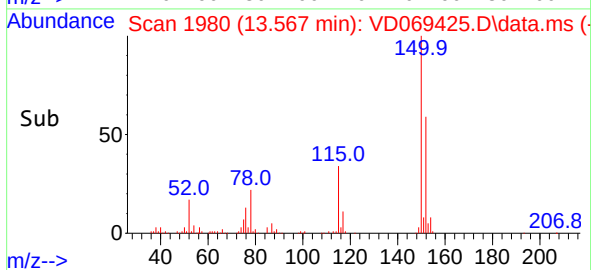
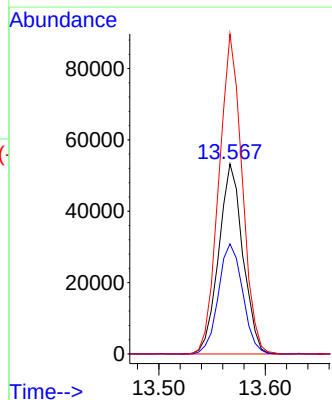
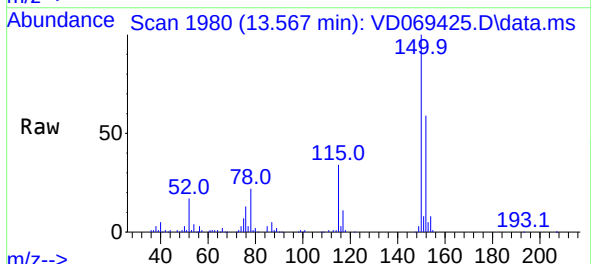
Instrument :
MSVOA_D
ClientSampleId :

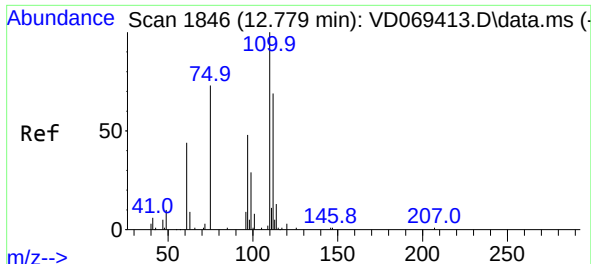
Tgt Ion:173 Resp: 907
Ion Ratio Lower Upper
173 100
175 442.7 23.8 71.2#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD069425.D
Acq: 14 Jun 2021 14:27

Tgt Ion:152 Resp: 83716
Ion Ratio Lower Upper
152 100
115 58.4 29.4 88.3
150 162.1 0.0 355.0

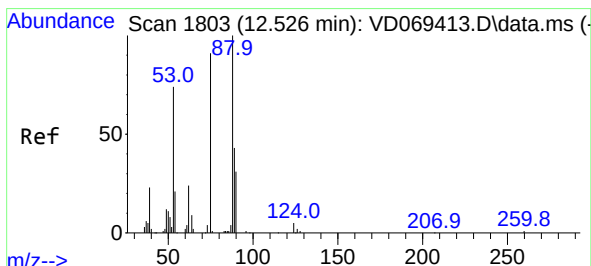
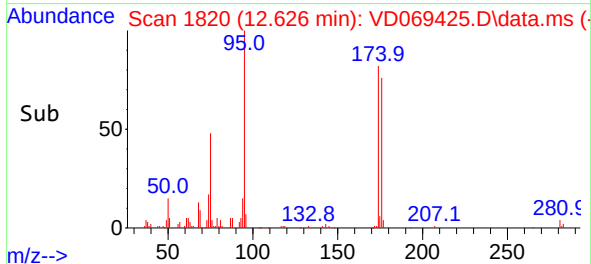
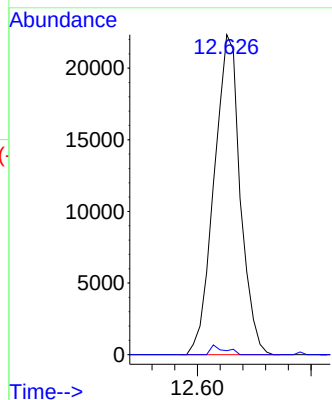
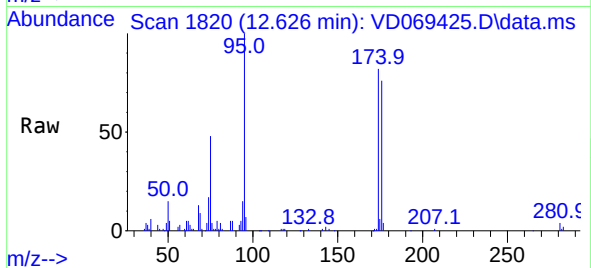




#76
1,2,3-Trichloropropane
Concen: 42.12 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.153 min
Lab File: VD069425.D
Acq: 14 Jun 2021 14:27

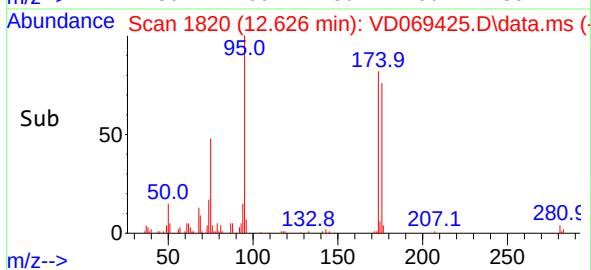
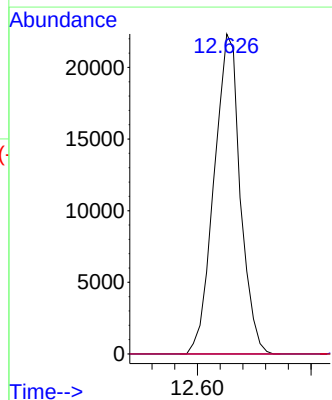
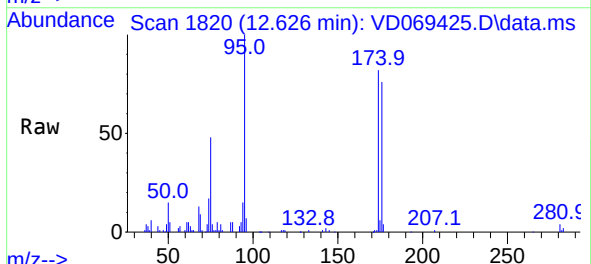
Instrument :
MSVOA_D
ClientSampled :

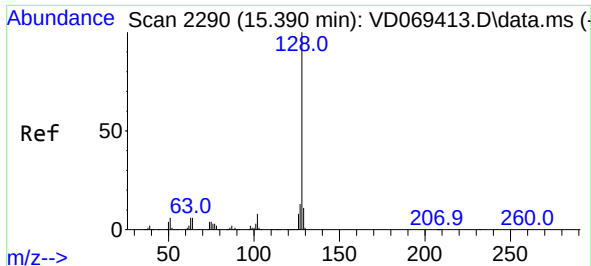
Tgt Ion: 75 Resp: 35748
Ion Ratio Lower Upper
75 100
77 1.7 183.8 551.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 112.36 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.100 min
Lab File: VD069425.D
Acq: 14 Jun 2021 14:27

Tgt Ion: 75 Resp: 35748
Ion Ratio Lower Upper
75 100
53 0.0 62.6 94.0#
89 0.0 35.6 53.4#





#95
Naphthalene
Concen: 3.73 ug/l
RT: 15.390 min Scan# 2290
Delta R.T. 0.000 min
Lab File: VD069425.D
Acq: 14 Jun 2021 14:27

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 483
Ion Ratio Lower Upper
128 100
127 0.0 10.4 15.6#
129 0.0 8.8 13.2#

