

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061421\
 Data File : VD069419.D
 Acq On : 14 Jun 2021 11:01
 Operator : VA/SY
 Sample : VD0614SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jun 15 07:24:31 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)

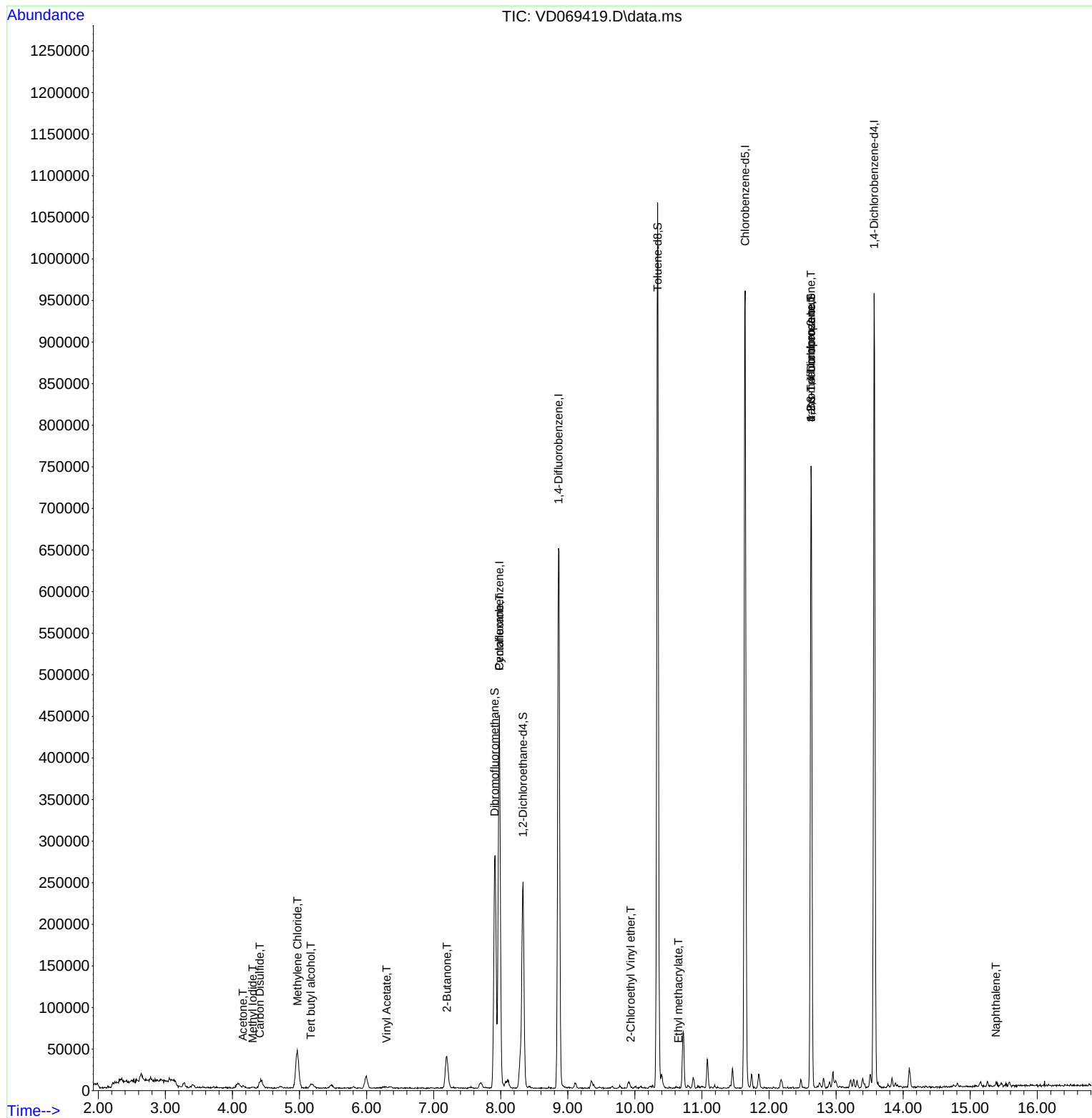
Internal Standards						
1) Pentafluorobenzene	7.979	168	326168	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	596905	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	588391	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	265737	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	195472	53.12	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 106.24%			
35) Dibromofluoromethane	7.909	113	206811	46.26	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 92.52%			
50) Toluene-d8	10.338	98	729969	44.64	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 89.28%			
62) 4-Bromofluorobenzene	12.626	95	235965	44.97	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 89.94%			
Target Compounds					Qvalue	
5) Bromomethane	2.779	94	2733	Below Cal	#	76
10) Methyl Iodide	4.303	142	1804	3.76	ug/l #	79
11) Tert butyl alcohol	5.168	59	2437	12.74	ug/l #	73
16) Acetone	4.156	43	4662	7.65	ug/l #	84
17) Carbon Disulfide	4.409	76	14289	1.28	ug/l #	91
18) Methyl Acetate	4.703	43	90	Below Cal	#	46
20) Methylene Chloride	4.968	84	39555	2.40	ug/l	93
23) Vinyl Acetate	6.297	43	1053	17.77	ug/l #	67
25) 2-Butanone	7.197	43	2330	3.07	ug/l #	45
31) Cyclohexane	7.979	56	9172	1.83	ug/l #	8
56) Ethyl methacrylate	10.650	69	322	2.90	ug/l #	76
58) 2-Chloroethyl Vinyl ether	9.938	63	717	12.28	ug/l #	44
76) 1,2,3-Trichloropropane	12.626	75	117803	43.73	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	117803	116.65	ug/l #	18
95) Naphthalene	15.385	128	4065	3.98	ug/l #	90

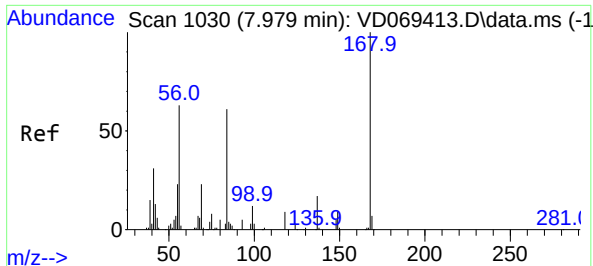
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 15 07:24:31 2021
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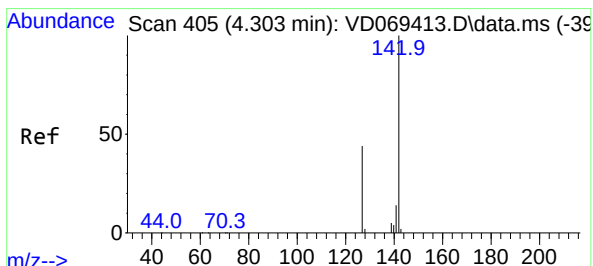
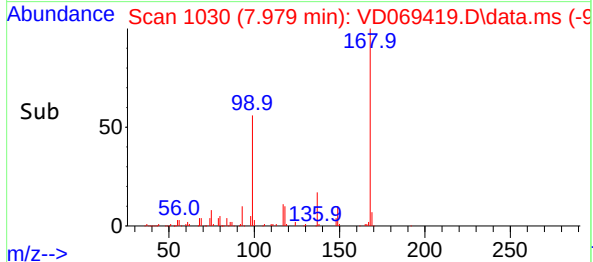
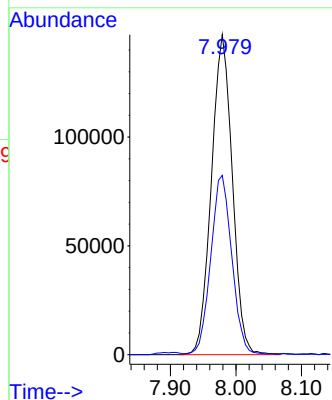
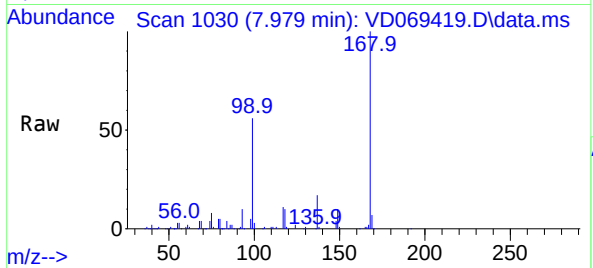




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069419.D
Acq: 14 Jun 2021 11:01

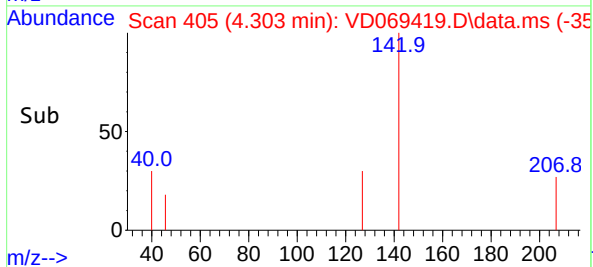
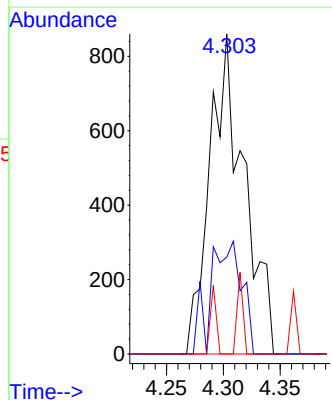
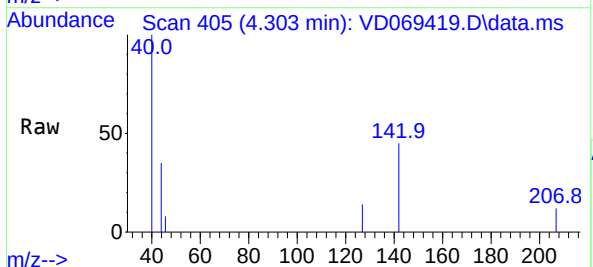
Instrument :
MSVOA_D
ClientSampleId :

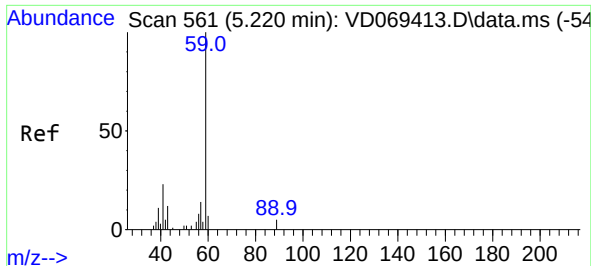
Tgt Ion:168 Resp: 326168
Ion Ratio Lower Upper
168 100
99 55.8 46.2 69.2



#10
Methyl Iodide
Concen: 3.76 ug/l
RT: 4.303 min Scan# 405
Delta R.T. -0.000 min
Lab File: VD069419.D
Acq: 14 Jun 2021 11:01

Tgt Ion:142 Resp: 1804
Ion Ratio Lower Upper
142 100
127 32.3 36.2 54.2#
141 4.3 12.2 18.2#

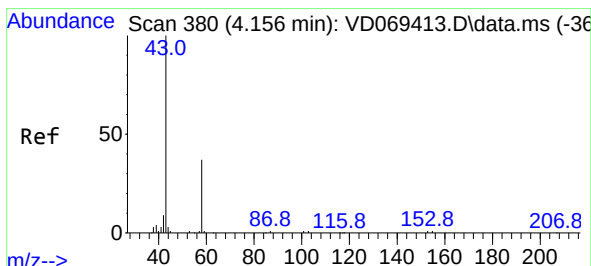
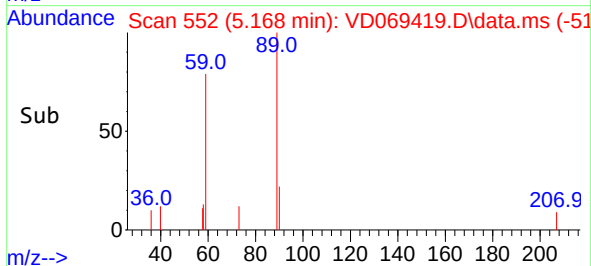
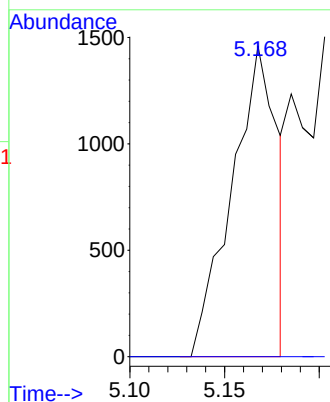
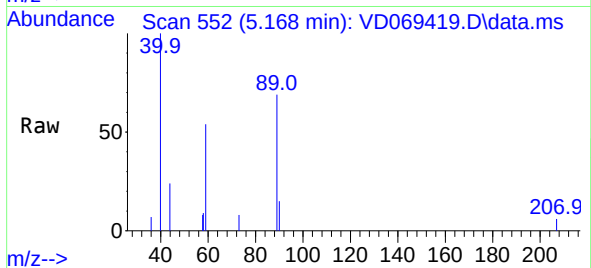




#11
Tert butyl alcohol
Concen: 12.74 ug/l
RT: 5.168 min Scan# 552
Delta R.T. -0.052 min
Lab File: VD069419.D
Acq: 14 Jun 2021 11:01

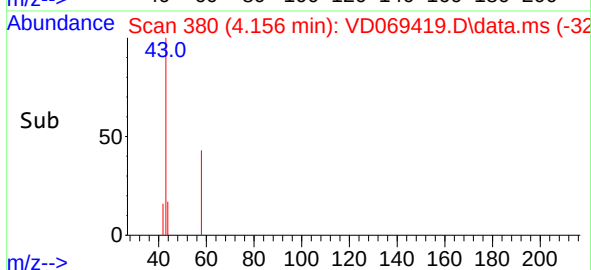
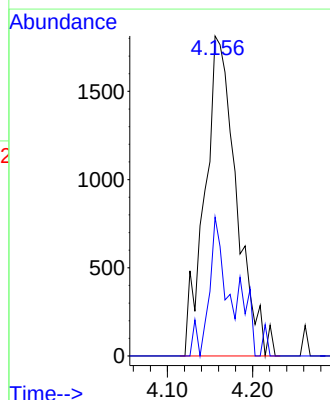
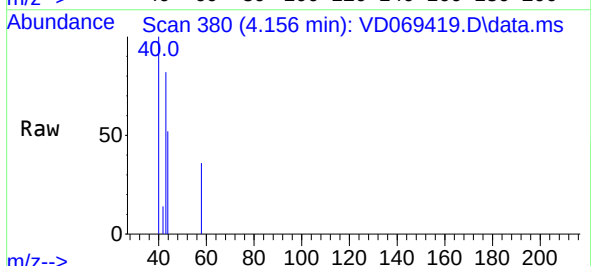
Instrument :
MSVOA_D
ClientSampleId :

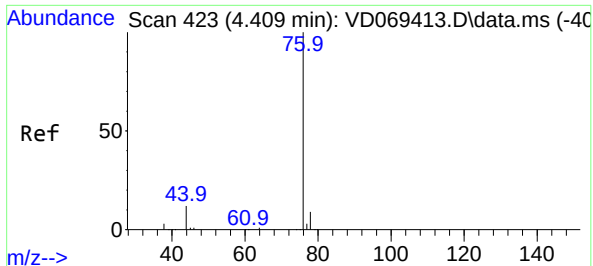
Tgt Ion: 59 Resp: 2437
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#16
Acetone
Concen: 7.65 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD069419.D
Acq: 14 Jun 2021 11:01

Tgt Ion: 43 Resp: 4662
Ion Ratio Lower Upper
43 100
58 43.4 27.5 41.3#

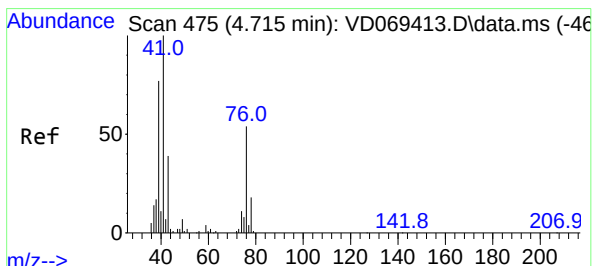
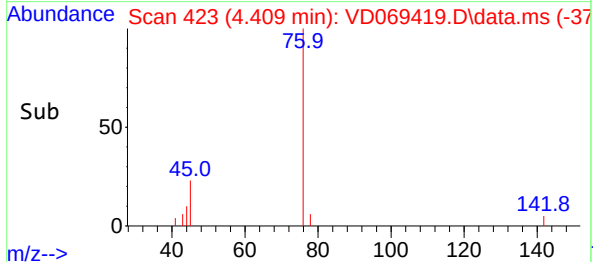
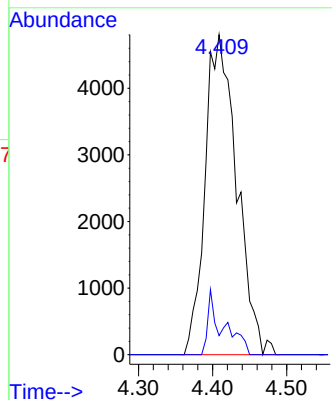
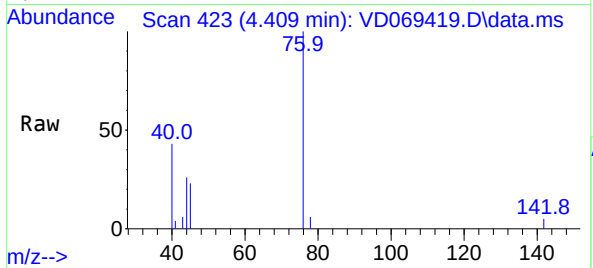




#17
Carbon Disulfide
Concen: 1.28 ug/l
RT: 4.409 min Scan# 423
Delta R.T. -0.000 min
Lab File: VD069419.D
Acq: 14 Jun 2021 11:01

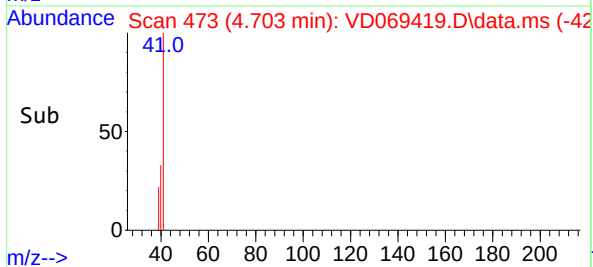
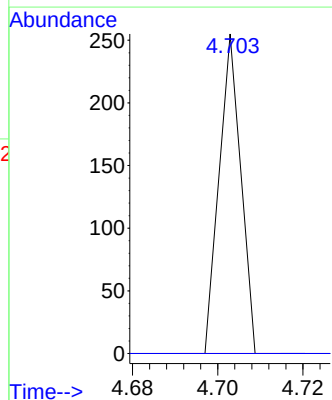
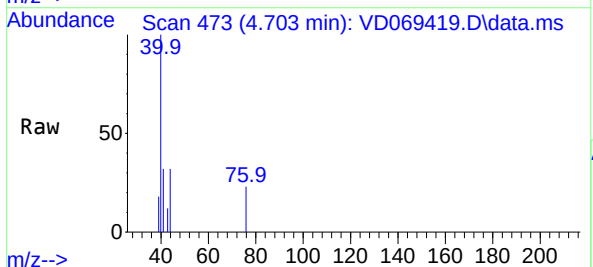
Instrument :
MSVOA_D
ClientSampleId :

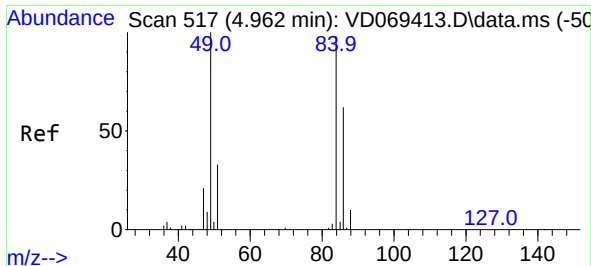
Tgt Ion: 76 Resp: 14289
Ion Ratio Lower Upper
76 100
78 6.0 7.4 11.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.703 min Scan# 473
Delta R.T. -0.012 min
Lab File: VD069419.D
Acq: 14 Jun 2021 11:01

Tgt Ion: 43 Resp: 90
Ion Ratio Lower Upper
43 100
74 0.0 22.8 34.2#



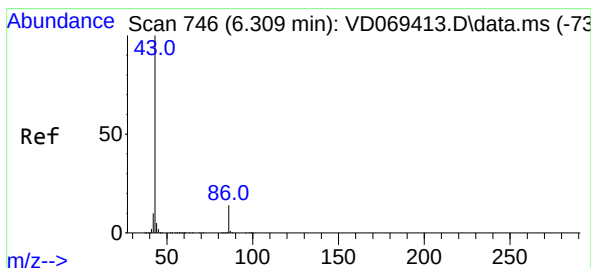
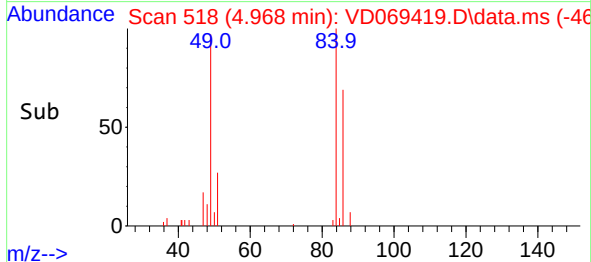
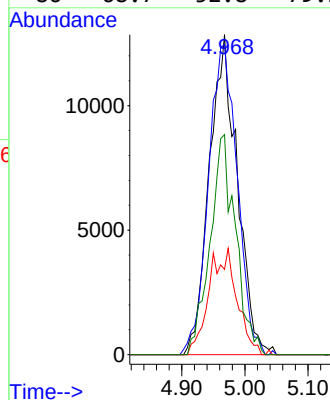
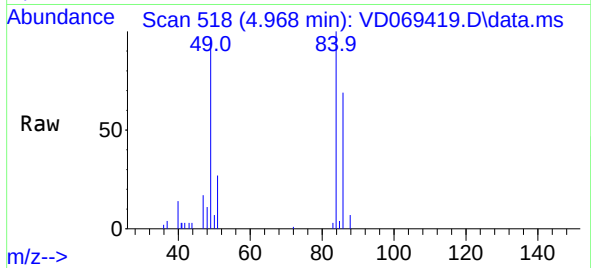


#20
Methylene Chloride
Concen: 2.40 ug/l
RT: 4.968 min Scan# 518
Delta R.T. 0.006 min
Lab File: VD069419.D
Acq: 14 Jun 2021 11:01

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 84 Resp: 39555

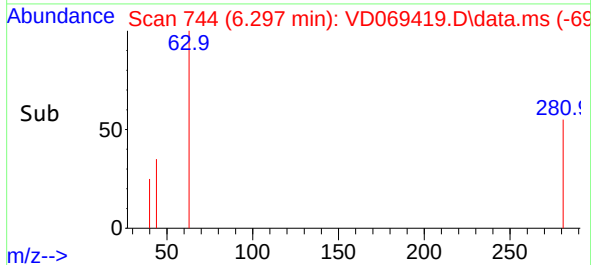
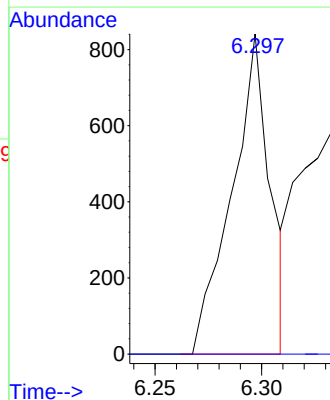
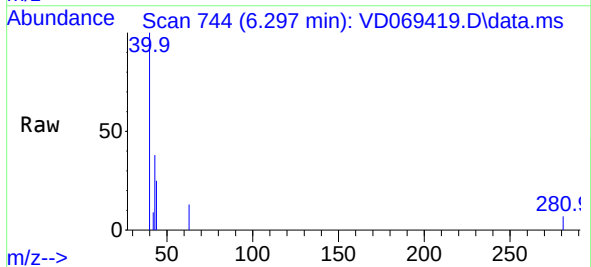
Ion	Ratio	Lower	Upper
84	100		
49	97.0	83.7	125.5
51	26.7	26.4	39.6
86	68.7	52.8	79.2

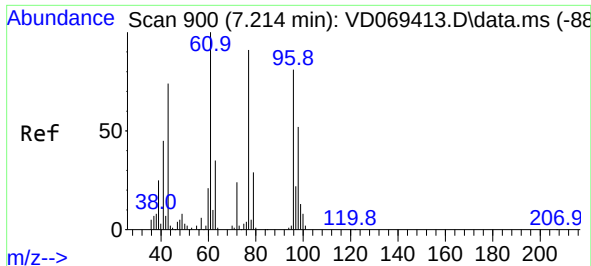


#23
Vinyl Acetate
Concen: 17.77 ug/l
RT: 6.297 min Scan# 744
Delta R.T. -0.012 min
Lab File: VD069419.D
Acq: 14 Jun 2021 11:01

Tgt Ion: 43 Resp: 1053

Ion	Ratio	Lower	Upper
43	100		
86	0.0	10.5	15.7#

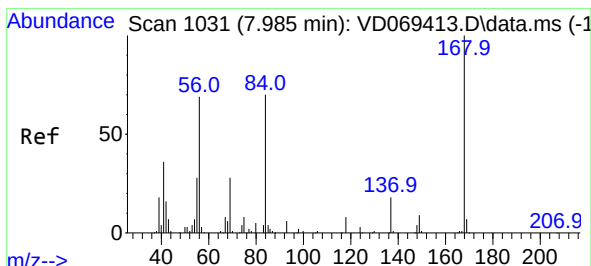
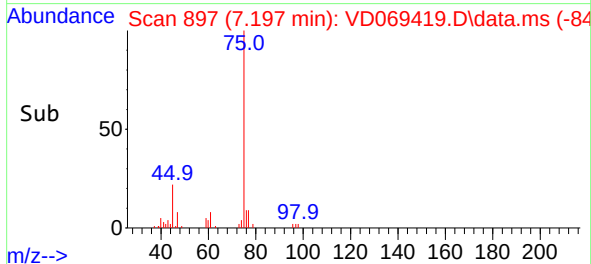
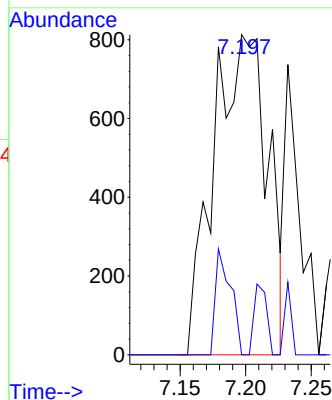
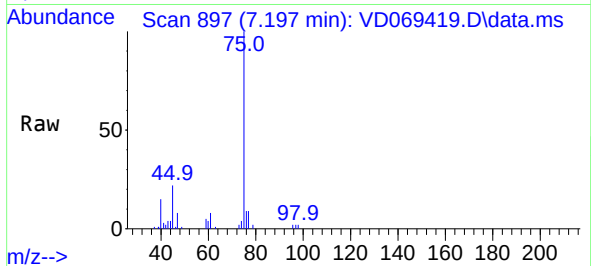




#25
2-Butanone
Concen: 3.07 ug/l
RT: 7.197 min Scan# 897
Delta R.T. -0.017 min
Lab File: VD069419.D
Acq: 14 Jun 2021 11:01

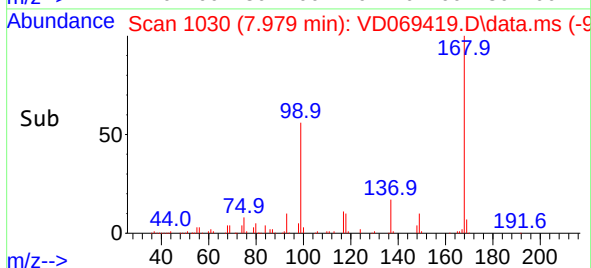
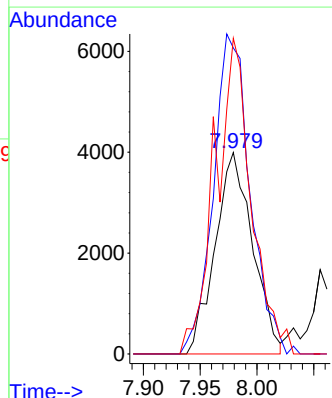
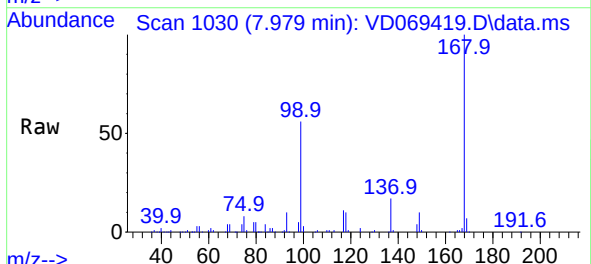
Instrument :
MSVOA_D
ClientSampleId :

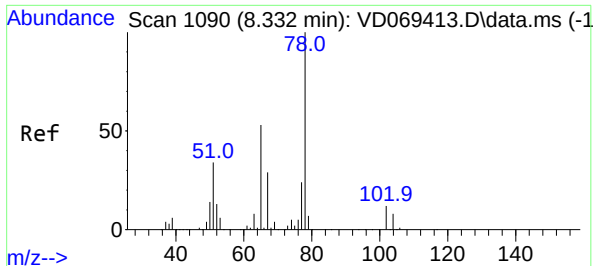
Tgt Ion: 43 Resp: 2330
Ion Ratio Lower Upper
43 100
72 0.0 23.9 35.9#



#31
Cyclohexane
Concen: 1.83 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD069419.D
Acq: 14 Jun 2021 11:01

Tgt Ion: 56 Resp: 9172
Ion Ratio Lower Upper
56 100
69 152.0 29.0 43.4#
84 156.8 81.1 121.7#

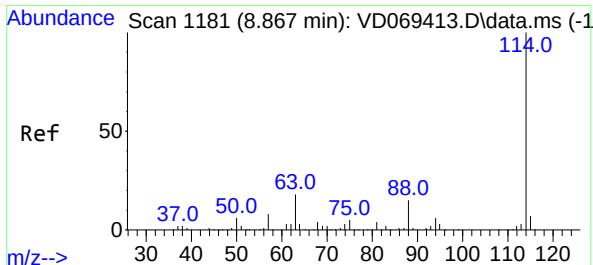
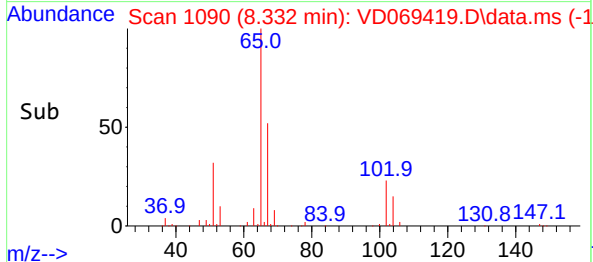
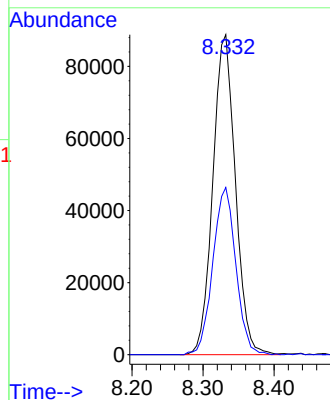
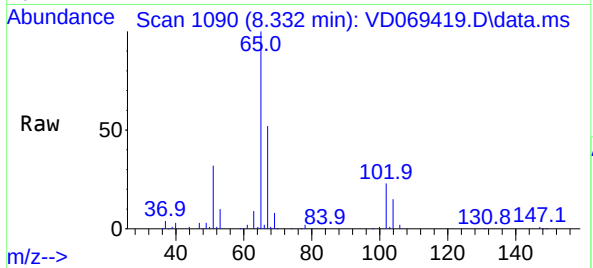




#33
1,2-Dichloroethane-d4
Concen: 53.12 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD069419.D
Acq: 14 Jun 2021 11:01

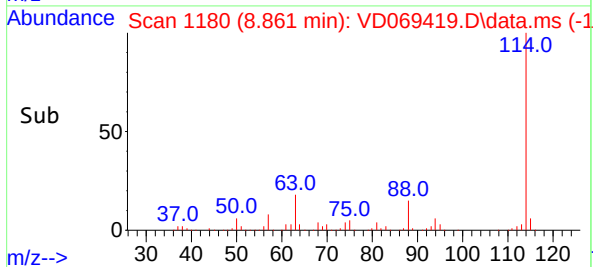
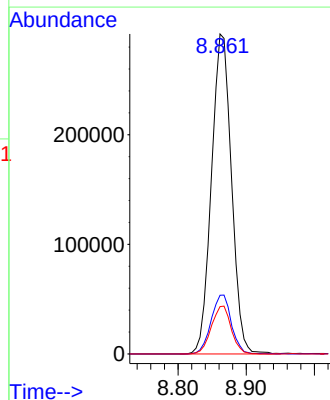
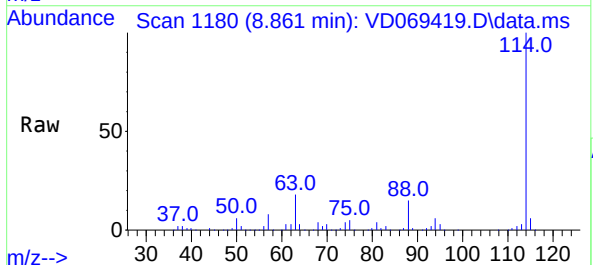
Instrument :
MSVOA_D
ClientSampleId :

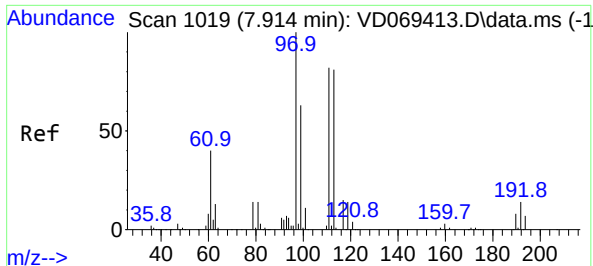
Tgt Ion: 65 Resp: 195472
Ion Ratio Lower Upper
65 100
67 53.3 0.0 105.8



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD069419.D
Acq: 14 Jun 2021 11:01

Tgt Ion: 114 Resp: 596905
Ion Ratio Lower Upper
114 100
63 18.4 0.0 35.6
88 14.8 0.0 31.2

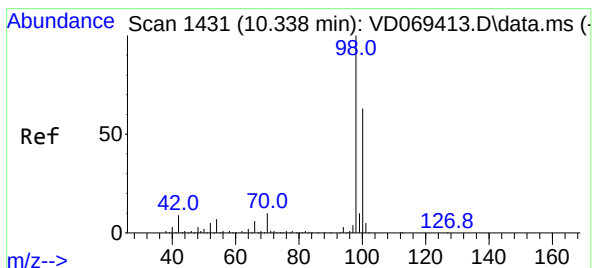
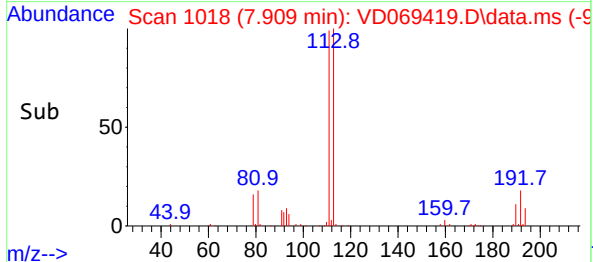
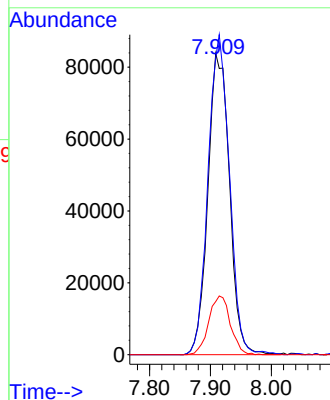
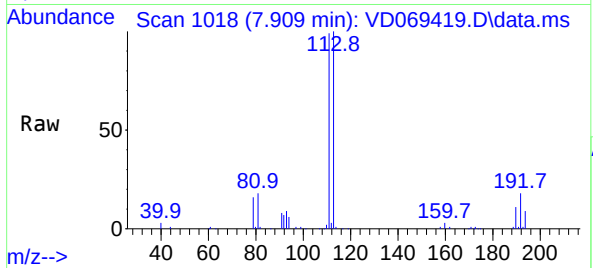




#35
Dibromofluoromethane
Concen: 46.26 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.005 min
Lab File: VD069419.D
Acq: 14 Jun 2021 11:01

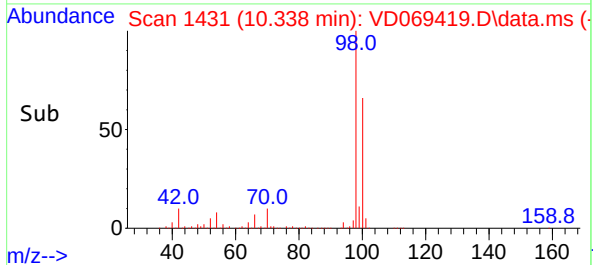
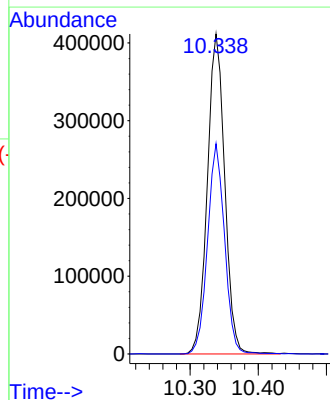
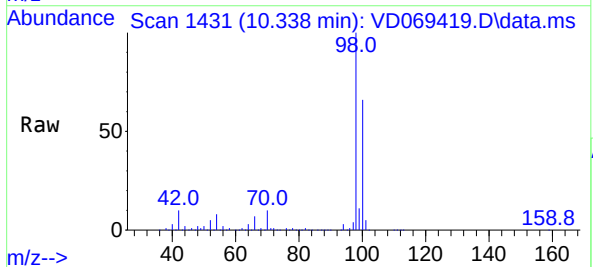
Instrument :
MSVOA_D
ClientSampled :

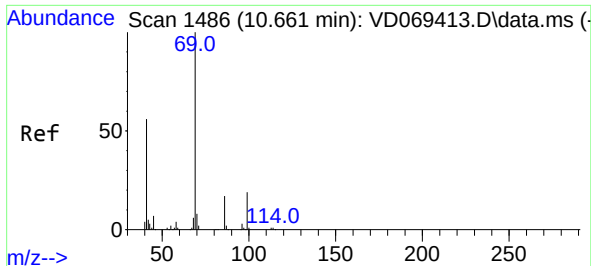
Tgt Ion:113 Resp: 206811
Ion Ratio Lower Upper
113 100
111 104.9 83.0 124.6
192 19.5 15.1 22.7



#50
Toluene-d8
Concen: 44.64 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069419.D
Acq: 14 Jun 2021 11:01

Tgt Ion: 98 Resp: 729969
Ion Ratio Lower Upper
98 100
100 64.4 52.1 78.1

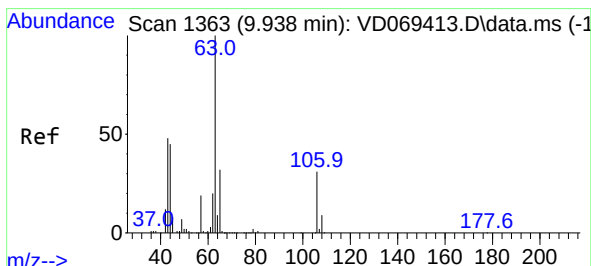
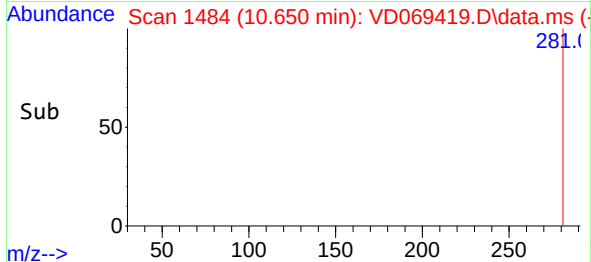
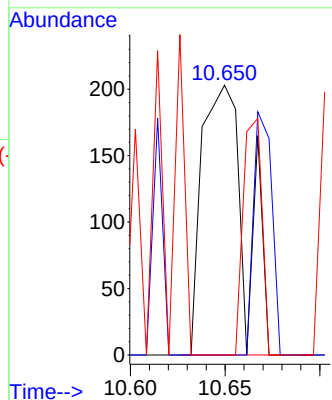
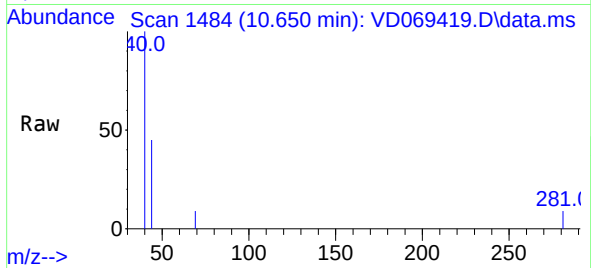




#56
Ethyl methacrylate
Concen: 2.90 ug/l
RT: 10.650 min Scan# 1484
Delta R.T. -0.011 min
Lab File: VD069419.D
Acq: 14 Jun 2021 11:01

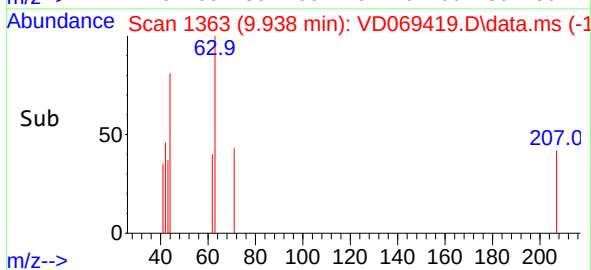
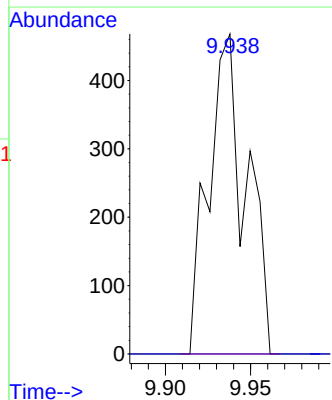
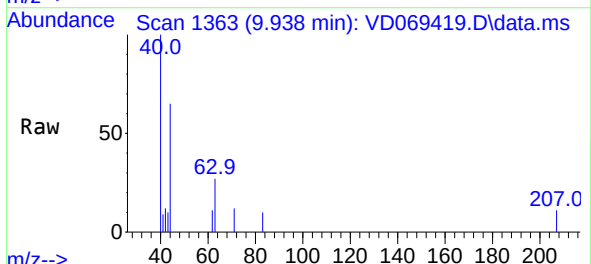
Instrument :
MSVOA_D
ClientSampleId :

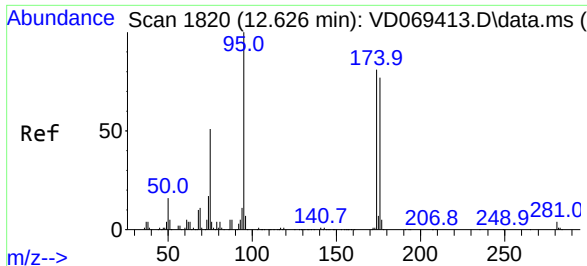
Tgt Ion: 69 Resp: 322
Ion Ratio Lower Upper
69 100
41 37.9 45.4 68.2#
39 37.9 21.7 32.5#



#58
2-Chloroethyl Vinyl ether
Concen: 12.28 ug/l
RT: 9.938 min Scan# 1363
Delta R.T. -0.000 min
Lab File: VD069419.D
Acq: 14 Jun 2021 11:01

Tgt Ion: 63 Resp: 717
Ion Ratio Lower Upper
63 100
106 0.0 24.8 37.2#



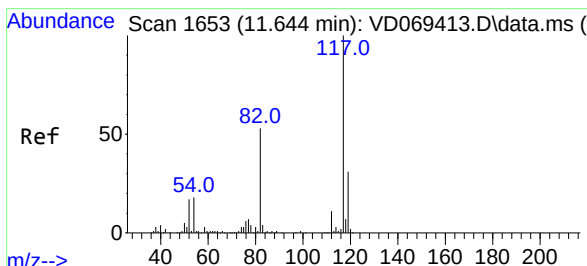
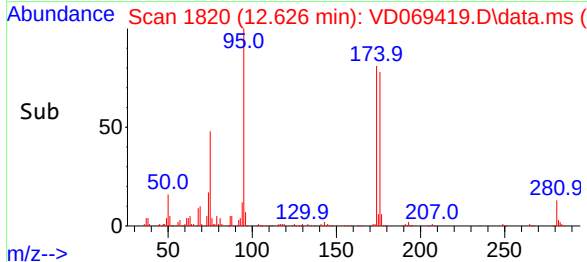
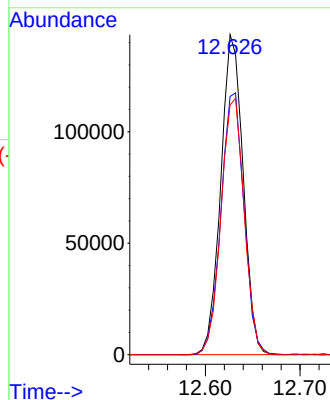
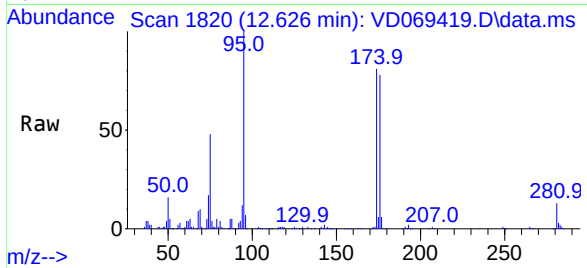


#62
4-Bromofluorobenzene
Concen: 44.97 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD069419.D
Acq: 14 Jun 2021 11:01

Instrument :
MSVOA_D
ClientSampled :

Tgt Ion: 95 Resp: 235965

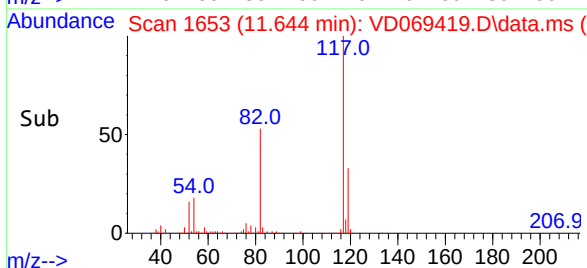
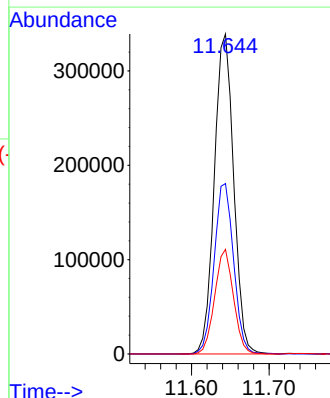
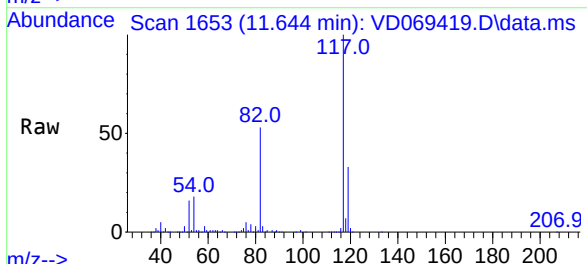
Ion	Ratio	Lower	Upper
95	100		
174	84.4	0.0	162.8
176	82.8	0.0	154.4

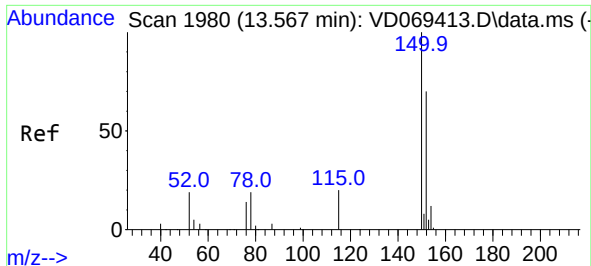


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. -0.000 min
Lab File: VD069419.D
Acq: 14 Jun 2021 11:01

Tgt Ion: 117 Resp: 588391

Ion	Ratio	Lower	Upper
117	100		
82	53.2	43.3	64.9
119	32.7	25.3	37.9

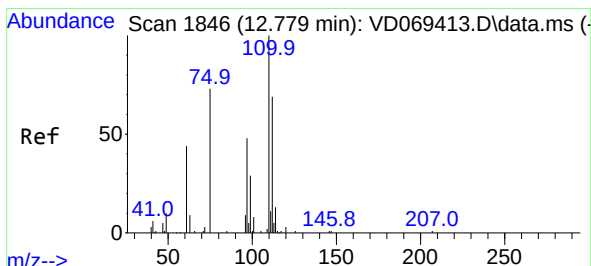
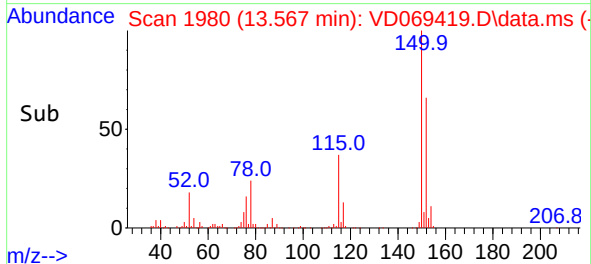
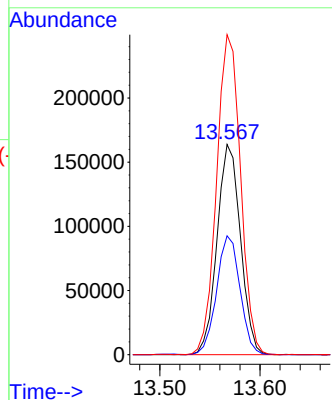
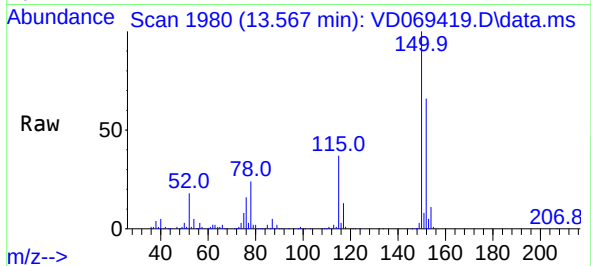




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD069419.D
Acq: 14 Jun 2021 11:01

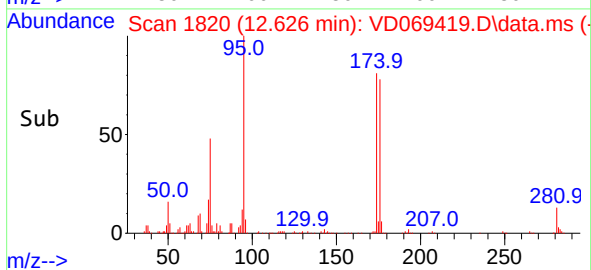
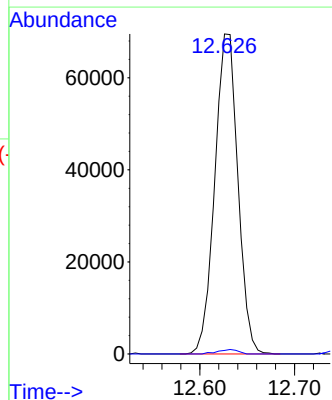
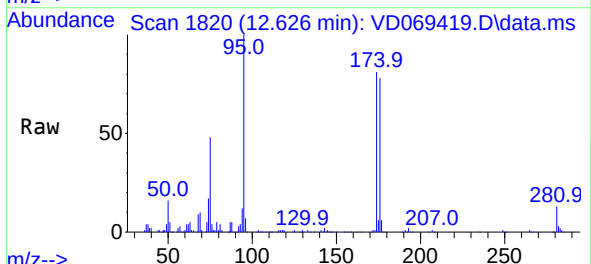
Instrument :
MSVOA_D
ClientSampled :

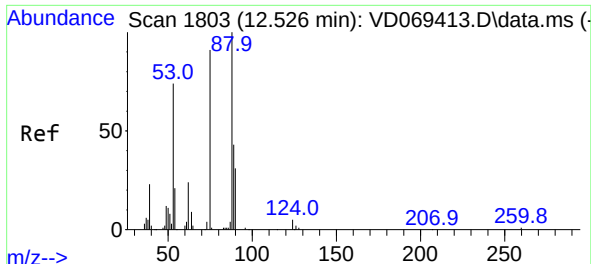
Tgt Ion:152 Resp: 265737
Ion Ratio Lower Upper
152 100
115 56.5 29.4 88.3
150 155.8 0.0 355.0



#76
1,2,3-Trichloropropane
Concen: 43.73 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.153 min
Lab File: VD069419.D
Acq: 14 Jun 2021 11:01

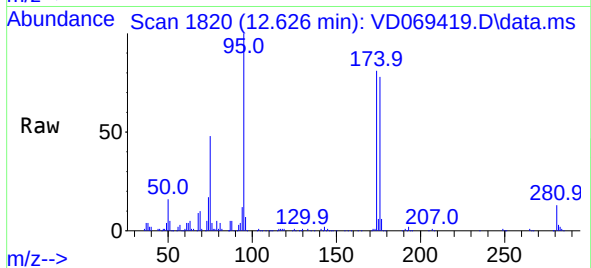
Tgt Ion: 75 Resp: 117803
Ion Ratio Lower Upper
75 100
77 1.2 183.8 551.2#



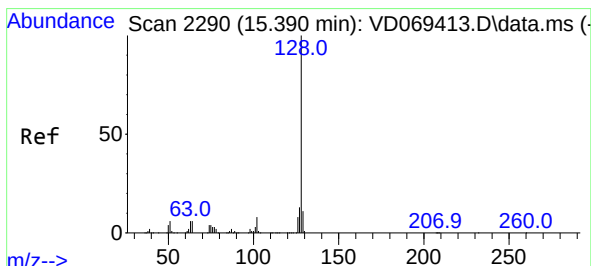
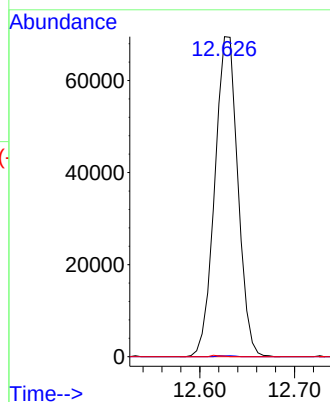
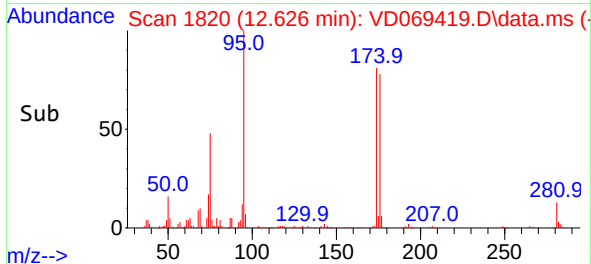


#81
trans-1,4-Dichloro-2-butene
Concen: 116.65 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.100 min
Lab File: VD069419.D
Acq: 14 Jun 2021 11:01

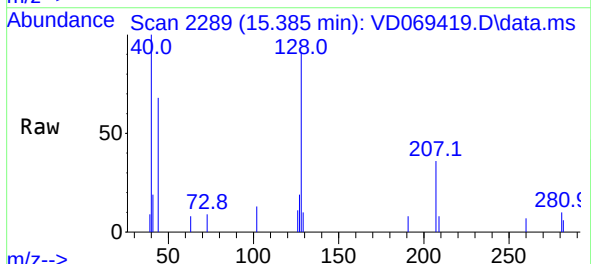
Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 75 Resp: 117803
Ion Ratio Lower Upper
75 100
53 0.2 62.6 94.0#
89 0.2 35.6 53.4#



#95
Naphthalene
Concen: 3.98 ug/l
RT: 15.385 min Scan# 2289
Delta R.T. -0.005 min
Lab File: VD069419.D
Acq: 14 Jun 2021 11:01



Tgt Ion: 128 Resp: 4065
Ion Ratio Lower Upper
128 100
127 20.0 10.4 15.6#
129 10.7 8.8 13.2

