

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061721\
 Data File : VD069483.D
 Acq On : 17 Jun 2021 16:47
 Operator : VA/SY
 Sample : M2737-01
 Misc : 7.74G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SU-03-061621

Quant Time: Jun 18 01:27:41 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)

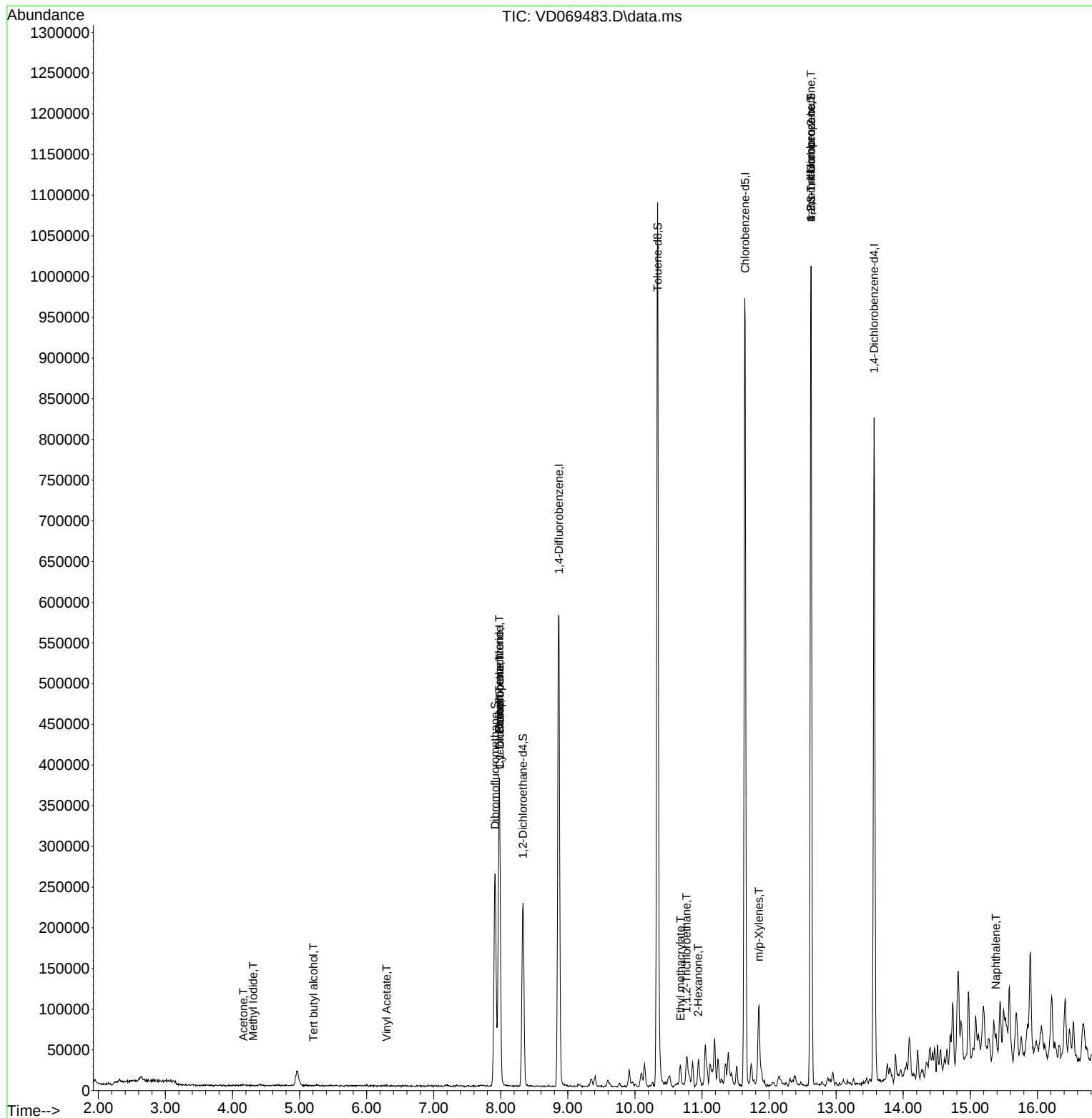
Internal Standards						
1) Pentafluorobenzene	7.979	168	277065	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	525367	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	596134	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	222335	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	181686	58.126	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 116.260%			
35) Dibromofluoromethane	7.914	113	190288	48.358	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 96.720%			
50) Toluene-d8	10.338	98	716187	49.762	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 99.520%			
62) 4-Bromofluorobenzene	12.626	95	240962	52.180	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 104.360%			
Target Compounds						Qvalue
5) Bromomethane	2.762	94	119	Below Cal	#	18
10) Methyl Iodide	4.309	142	180	3.385	ug/l #	39
11) Tert butyl alcohol	5.209	59	192	1.182	ug/l #	73
16) Acetone	4.162	43	1349	2.607	ug/l #	84
18) Methyl Acetate	4.938	43	202	Below Cal	#	46
20) Methylene Chloride	4.962	84	15104	Below Cal		94
23) Vinyl Acetate	6.297	43	54	17.588	ug/l #	67
31) Cyclohexane	7.985	56	5971	1.406	ug/l #	1
36) 1,1-Dichloropropene	7.985	75	21059	3.849	ug/l #	47
38) Carbon Tetrachloride	7.979	117	28415	4.795	ug/l #	15
55) 1,1,2-Trichloroethane	10.767	97	13187	4.284	ug/l #	20
56) Ethyl methacrylate	10.679	69	2423	3.474	ug/l #	1
59) 2-Hexanone	10.944	43	11199	9.502	ug/l #	22
68) m/p-Xylenes	11.849	106	32609	3.733	ug/l	98
76) 1,2,3-Trichloropropane	12.626	75	117110	51.954	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	117110	138.600	ug/l #	18
95) Naphthalene	15.385	128	12709	5.103	ug/l #	89

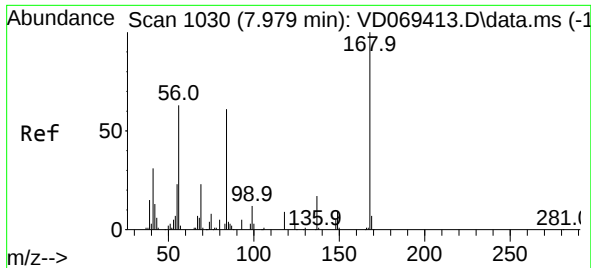
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 18 01:27:41 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

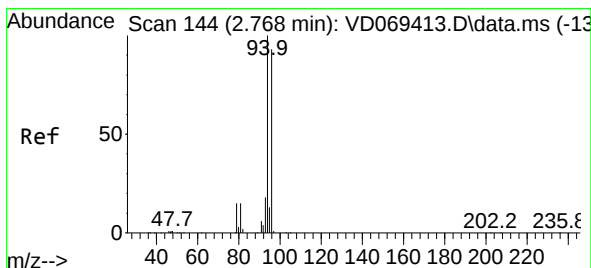
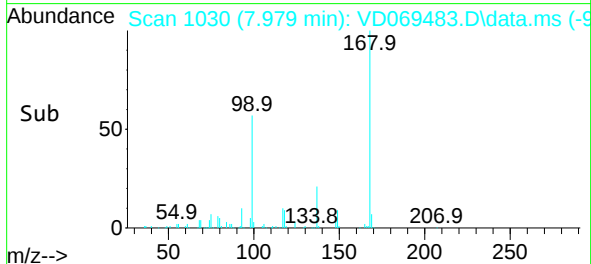
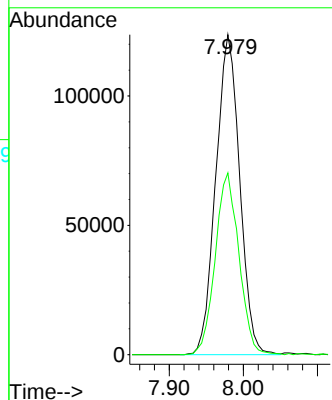
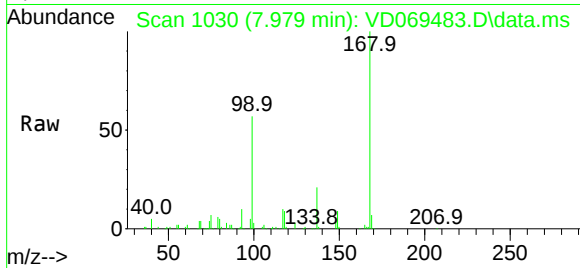




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069483.D
Acq: 17 Jun 2021 16:47

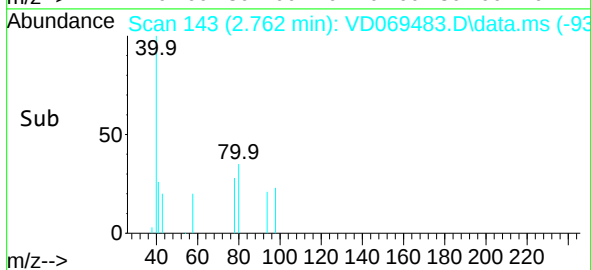
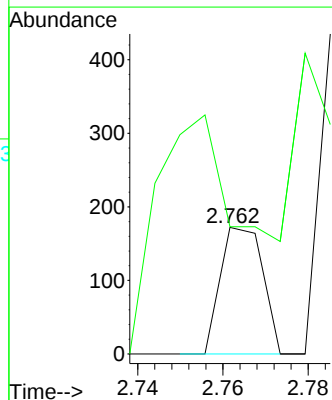
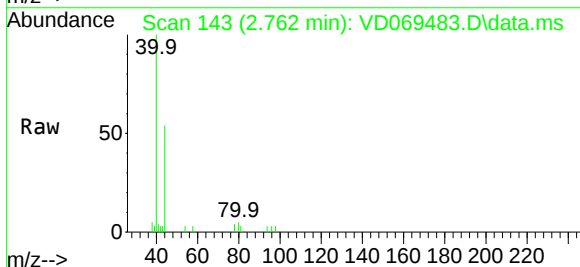
Instrument :
MSVOA_D
ClientSampleId :
SU-03-061621

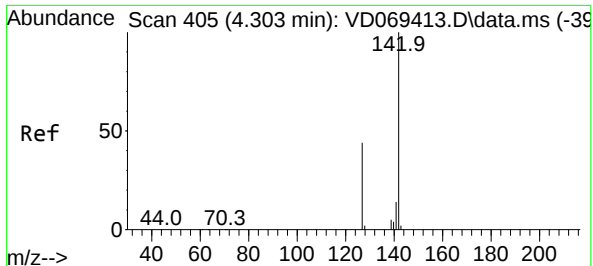
Tgt Ion:168 Resp: 277065
Ion Ratio Lower Upper
168 100
99 56.8 46.2 69.2



#5
Bromomethane
Concen: Below Cal
RT: 2.762 min Scan# 143
Delta R.T. -0.006 min
Lab File: VD069483.D
Acq: 17 Jun 2021 16:47

Tgt Ion: 94 Resp: 119
Ion Ratio Lower Upper
94 100
96 11.6 70.3 105.5#

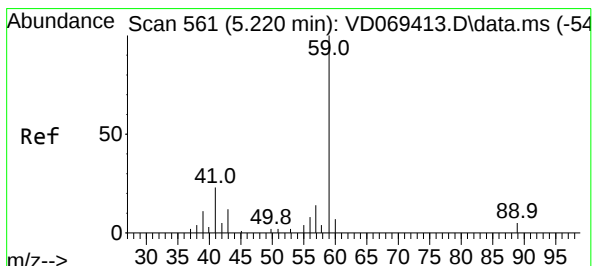
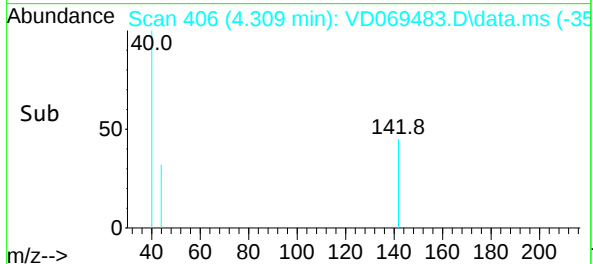
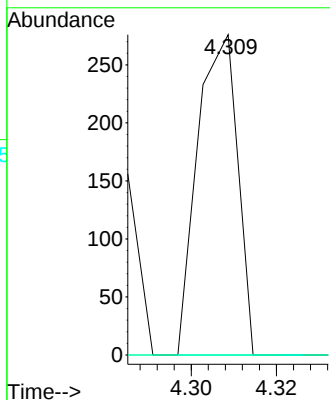
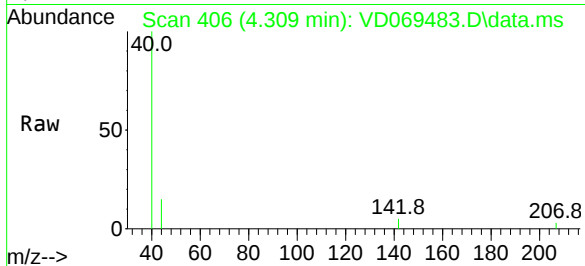




#10
Methyl Iodide
Concen: 3.385 ug/l
RT: 4.309 min Scan# 406
Delta R.T. 0.006 min
Lab File: VD069483.D
Acq: 17 Jun 2021 16:47

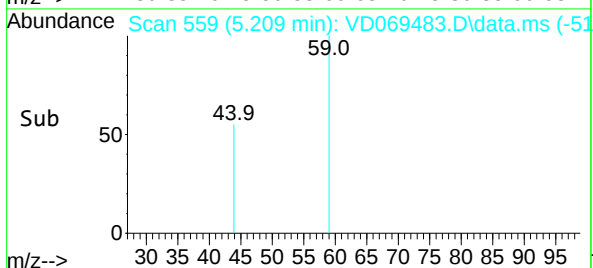
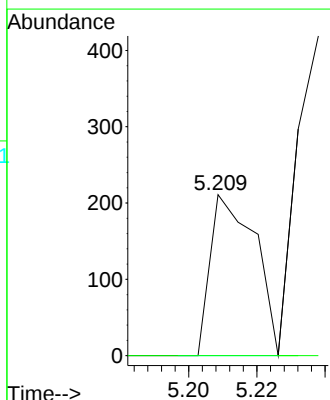
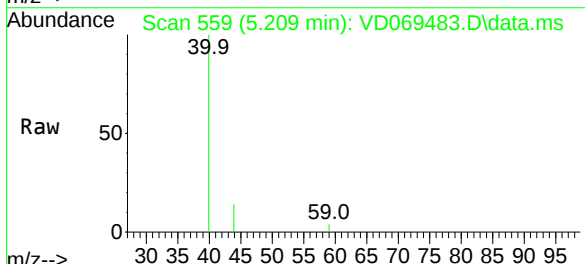
Instrument :
MSVOA_D
ClientSampleId :
SU-03-061621

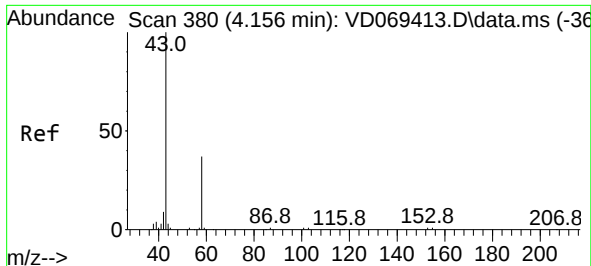
Tgt Ion:142 Resp: 180
Ion Ratio Lower Upper
142 100
127 0.0 36.2 54.2#
141 0.0 12.2 18.2#



#11
Tert butyl alcohol
Concen: 1.182 ug/l
RT: 5.209 min Scan# 559
Delta R.T. -0.011 min
Lab File: VD069483.D
Acq: 17 Jun 2021 16:47

Tgt Ion: 59 Resp: 192
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

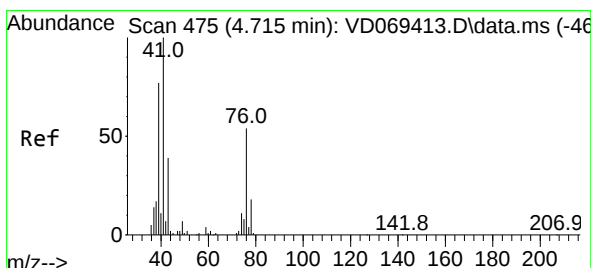
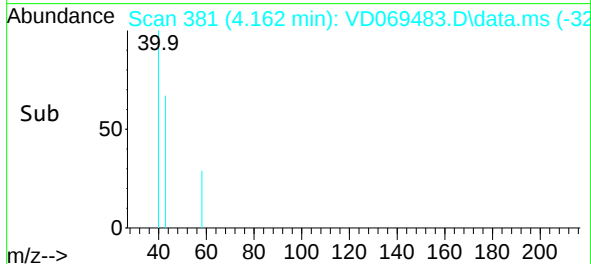
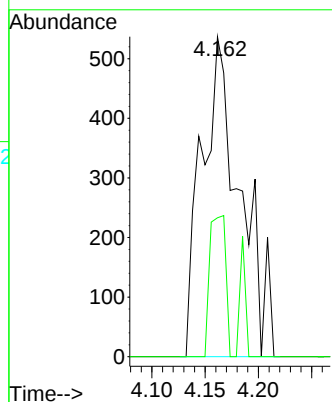
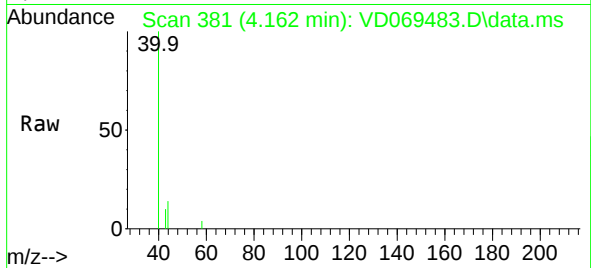




#16
Acetone
Concen: 2.607 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD069483.D
Acq: 17 Jun 2021 16:47

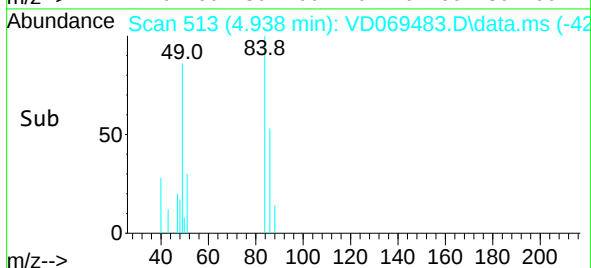
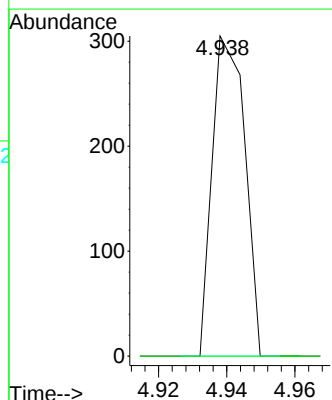
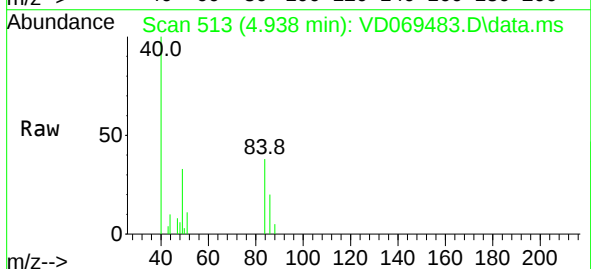
Instrument :
MSVOA_D
ClientSampleId :
SU-03-061621

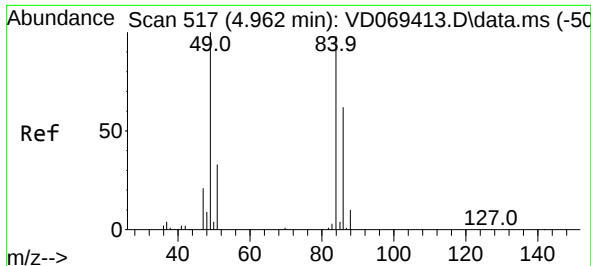
Tgt Ion: 43 Resp: 1349
Ion Ratio Lower Upper
43 100
58 43.4 27.5 41.3#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.938 min Scan# 513
Delta R.T. 0.223 min
Lab File: VD069483.D
Acq: 17 Jun 2021 16:47

Tgt Ion: 43 Resp: 202
Ion Ratio Lower Upper
43 100
74 0.0 22.8 34.2#

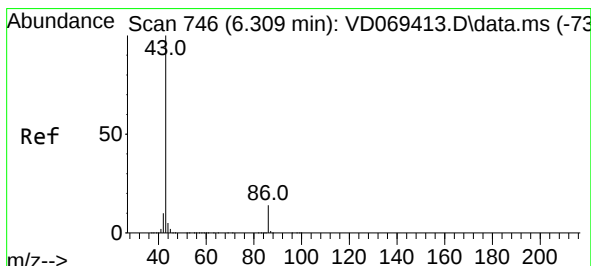
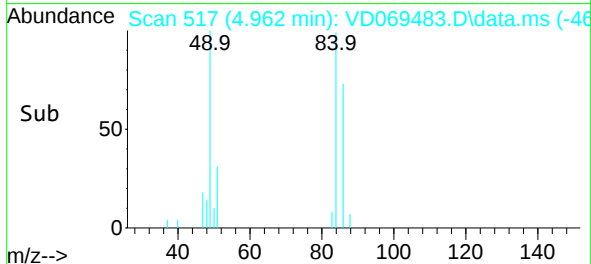
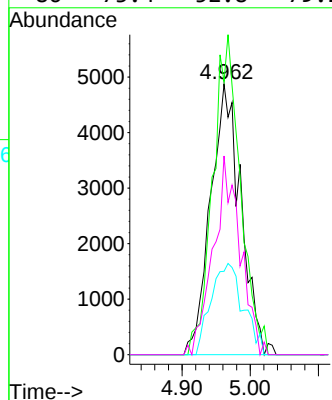
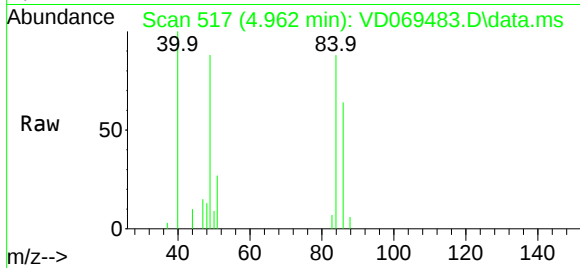




#20
Methylene Chloride
Concen: Below Cal
RT: 4.962 min Scan# 517
Delta R.T. -0.000 min
Lab File: VD069483.D
Acq: 17 Jun 2021 16:47

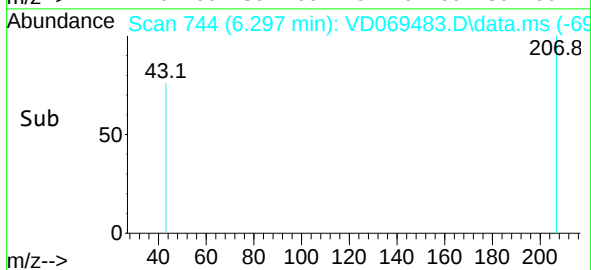
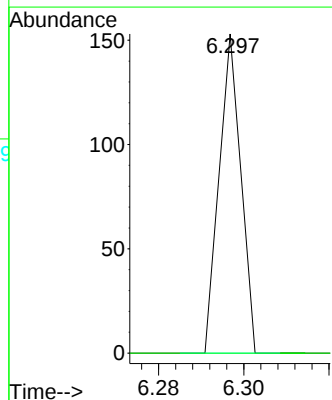
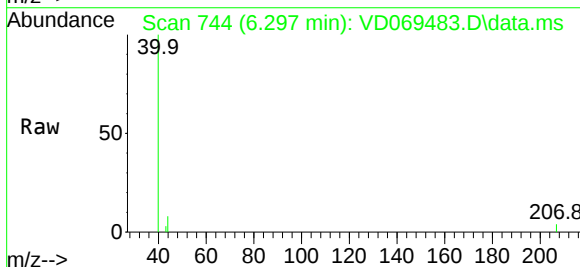
Instrument :
MSVOA_D
ClientSampleId :
SU-03-061621

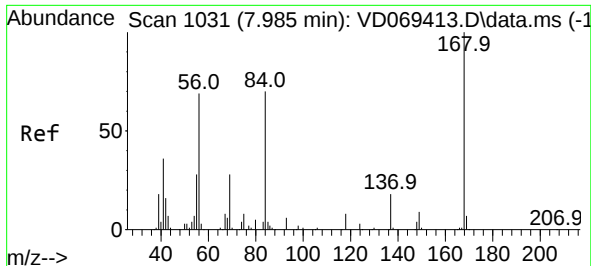
Tgt Ion:	84	Resp:	15104
Ion	Ratio	Lower	Upper
84	100		
49	100.9	83.7	125.5
51	30.8	26.4	39.6
86	73.4	52.8	79.2



#23
Vinyl Acetate
Concen: 17.588 ug/l
RT: 6.297 min Scan# 744
Delta R.T. -0.012 min
Lab File: VD069483.D
Acq: 17 Jun 2021 16:47

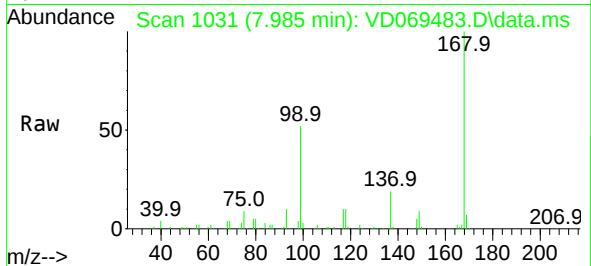
Tgt Ion:	43	Resp:	54
Ion	Ratio	Lower	Upper
43	100		
86	0.0	10.5	15.7#



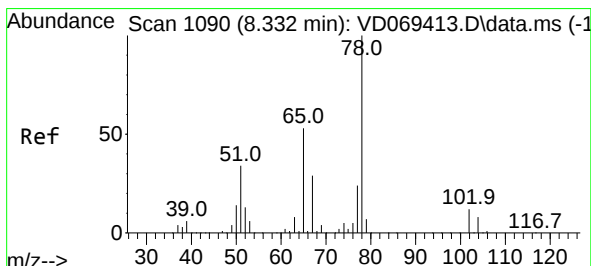
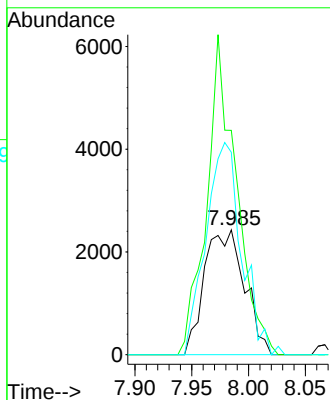
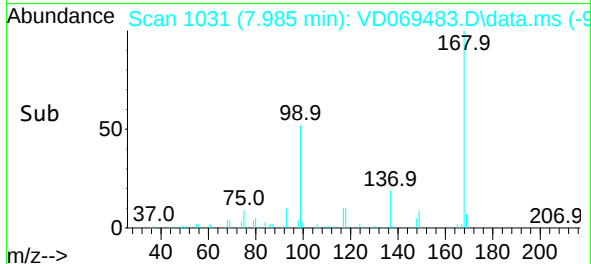


#31
Cyclohexane
Concen: 1.406 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD069483.D
Acq: 17 Jun 2021 16:47

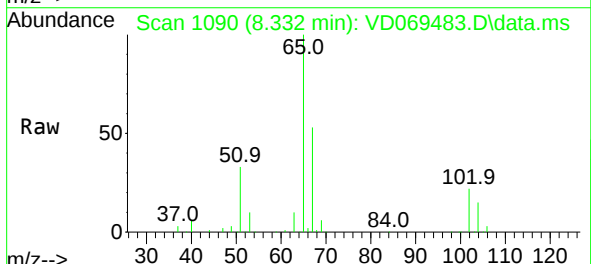
Instrument :
MSVOA_D
ClientSampleId :
SU-03-061621



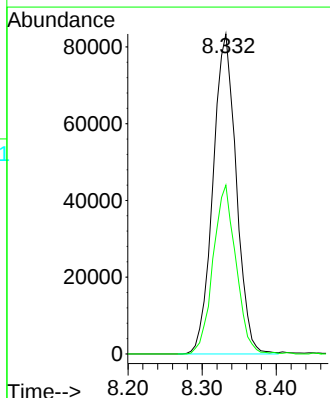
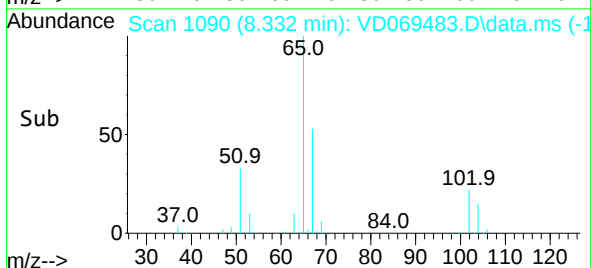
Tgt Ion: 56 Resp: 5971
Ion Ratio Lower Upper
56 100
69 179.9 29.0 43.4#
84 162.2 81.1 121.7#

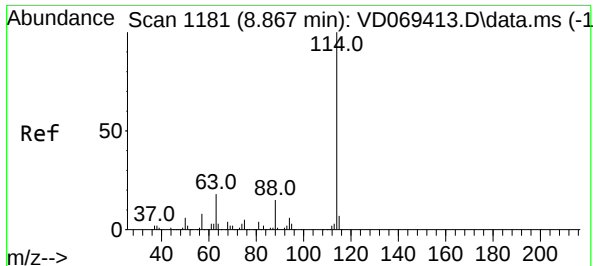


#33
1,2-Dichloroethane-d4
Concen: 58.126 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD069483.D
Acq: 17 Jun 2021 16:47



Tgt Ion: 65 Resp: 181686
Ion Ratio Lower Upper
65 100
67 52.0 0.0 105.8



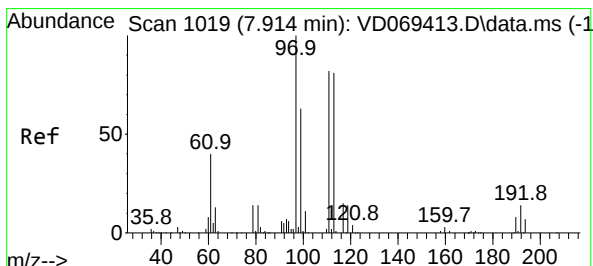
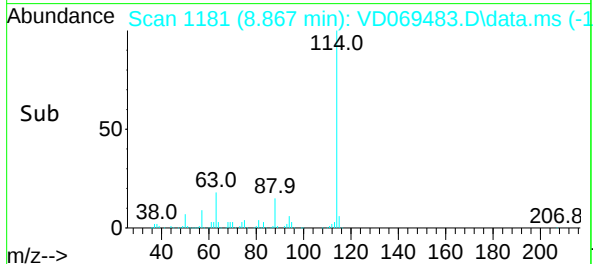
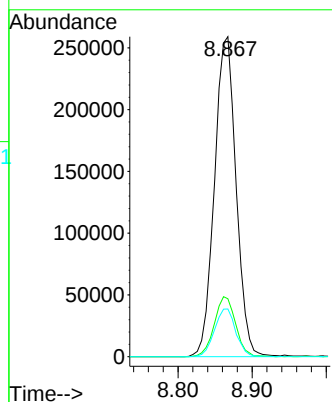
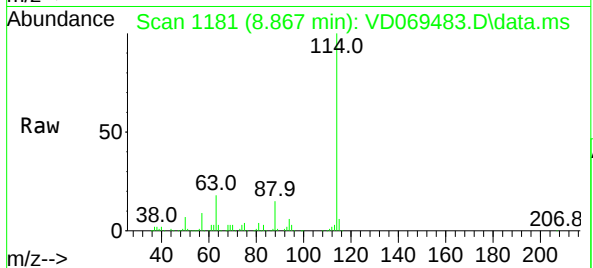


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD069483.D
Acq: 17 Jun 2021 16:47

Instrument :
MSVOA_D
ClientSampleId :
SU-03-061621

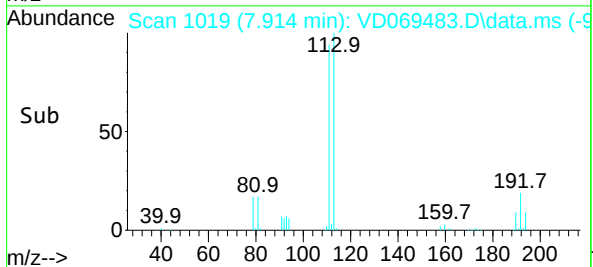
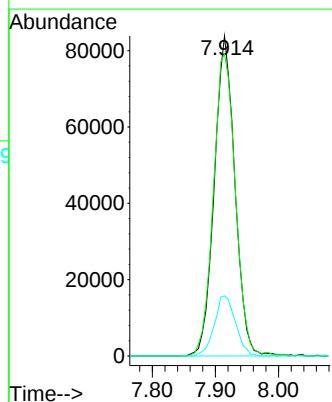
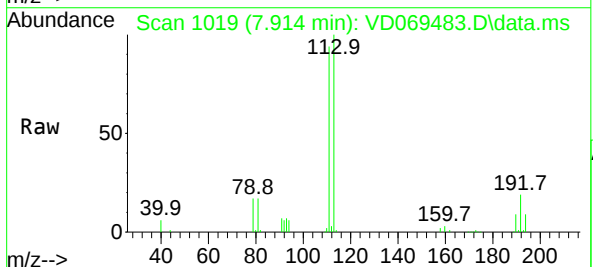
Tgt Ion:114 Resp: 525367
Ion Ratio Lower Upper
114 100
63 18.1 0.0 35.6
88 14.9 0.0 31.2

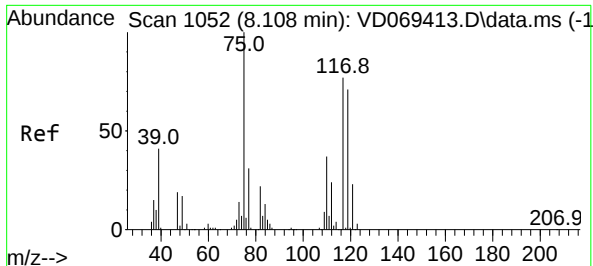


#35

Dibromofluoromethane
Concen: 48.358 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD069483.D
Acq: 17 Jun 2021 16:47

Tgt Ion:113 Resp: 190288
Ion Ratio Lower Upper
113 100
111 100.9 83.0 124.6
192 19.3 15.1 22.7

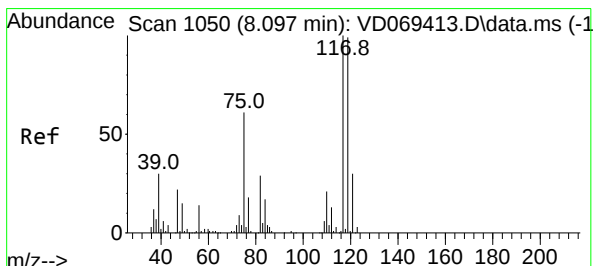
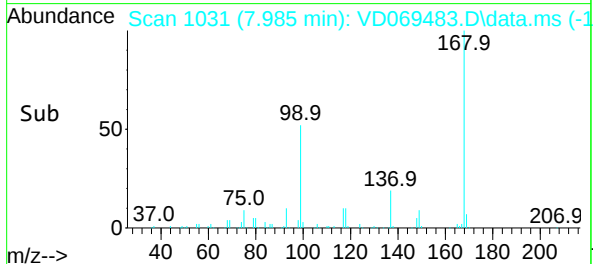
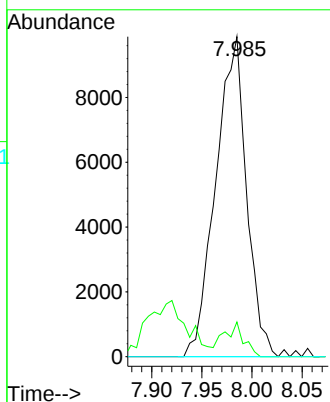
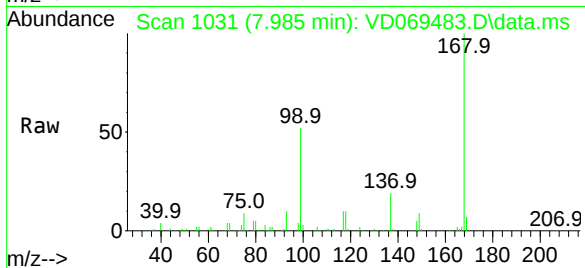




#36
1,1-Dichloropropene
Concen: 3.849 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.123 min
Lab File: VD069483.D
Acq: 17 Jun 2021 16:47

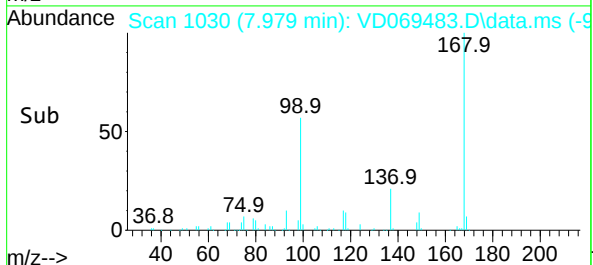
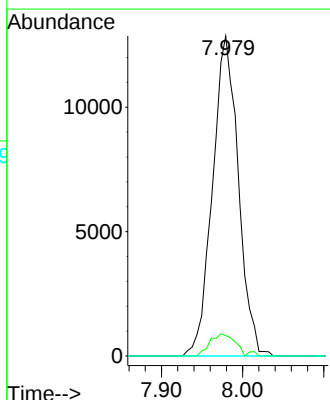
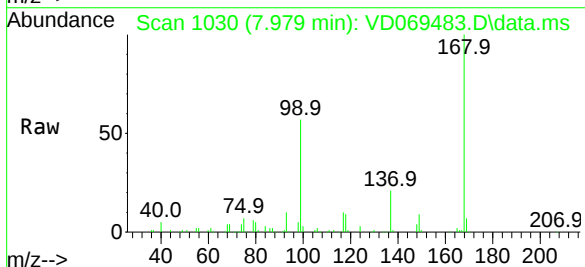
Instrument :
MSVOA_D
ClientSampleId :
SU-03-061621

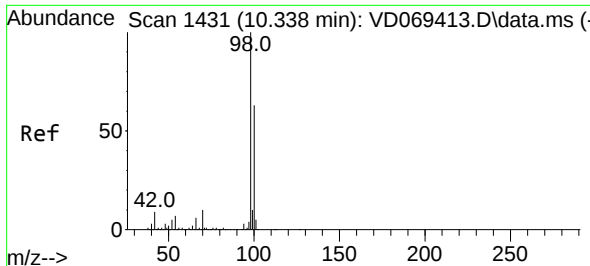
Tgt Ion: 75 Resp: 21059
Ion Ratio Lower Upper
75 100
110 6.9 18.4 55.2#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 4.795 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD069483.D
Acq: 17 Jun 2021 16:47

Tgt Ion: 117 Resp: 28415
Ion Ratio Lower Upper
117 100
119 6.4 79.4 119.2#
121 0.0 26.1 39.1#

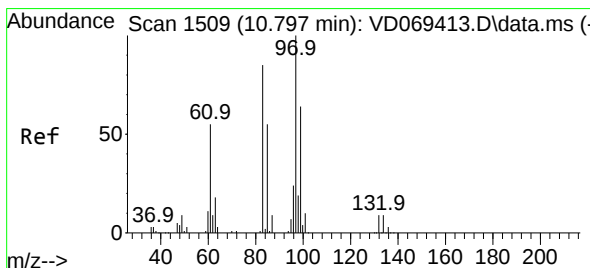
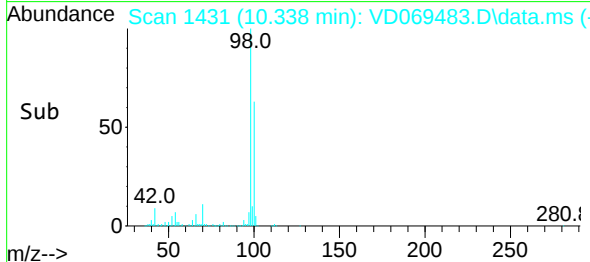
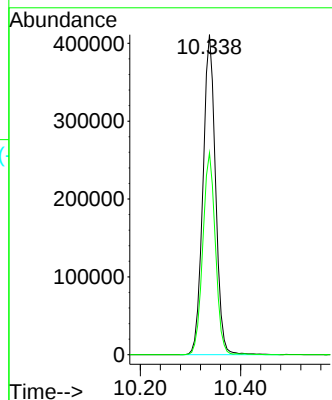
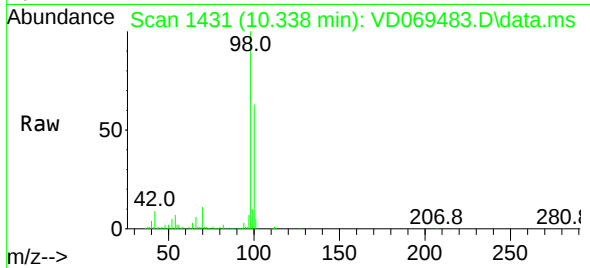




#50
Toluene-d8
Concen: 49.762 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069483.D
Acq: 17 Jun 2021 16:47

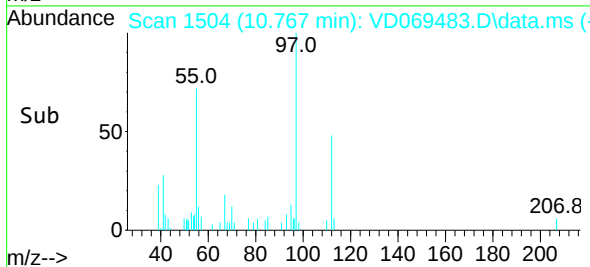
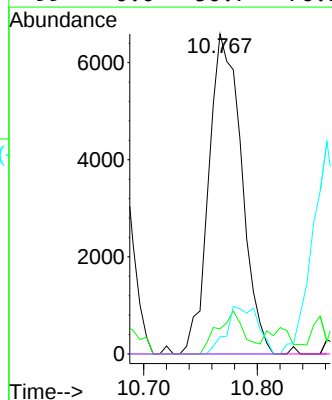
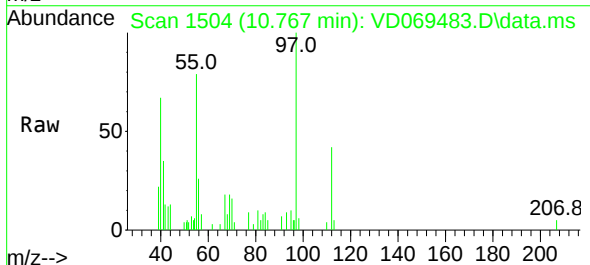
Instrument :
MSVOA_D
ClientSampleId :
SU-03-061621

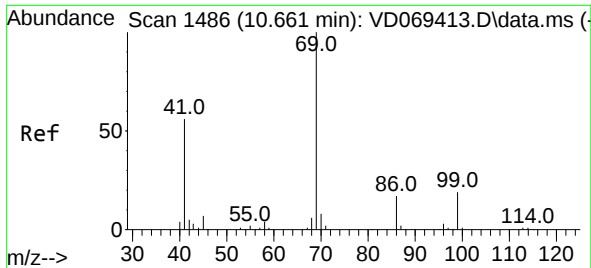
Tgt Ion: 98 Resp: 716187
Ion Ratio Lower Upper
98 100
100 63.1 52.1 78.1



#55
1,1,2-Trichloroethane
Concen: 4.284 ug/l
RT: 10.767 min Scan# 1504
Delta R.T. -0.030 min
Lab File: VD069483.D
Acq: 17 Jun 2021 16:47

Tgt Ion: 97 Resp: 13187
Ion Ratio Lower Upper
97 100
83 7.9 69.4 104.0#
85 5.4 44.5 66.7#
99 0.0 50.7 76.1#

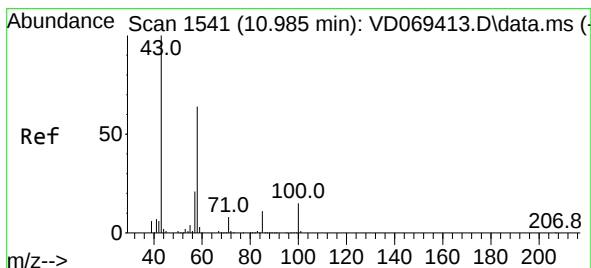
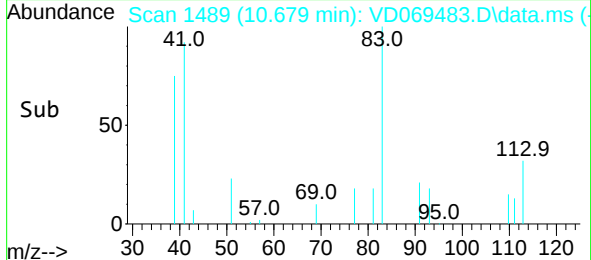
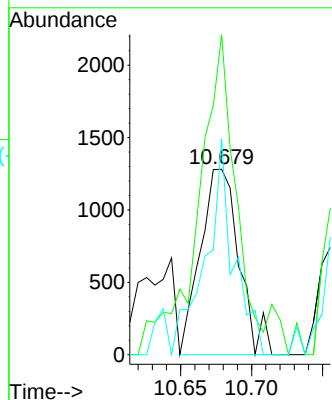
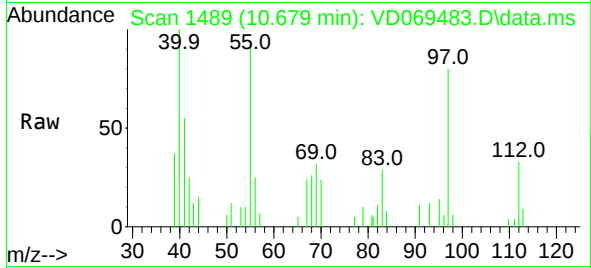




#56
Ethyl methacrylate
Concen: 3.474 ug/l
RT: 10.679 min Scan# 1489
Delta R.T. 0.018 min
Lab File: VD069483.D
Acq: 17 Jun 2021 16:47

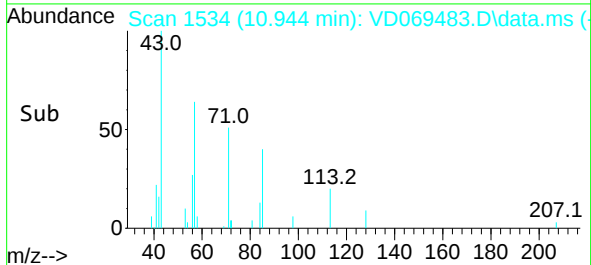
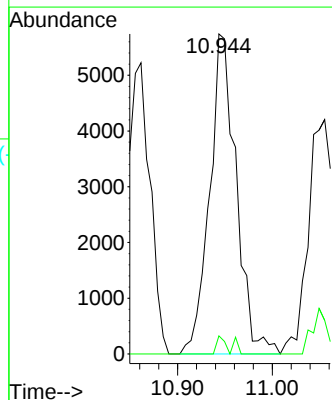
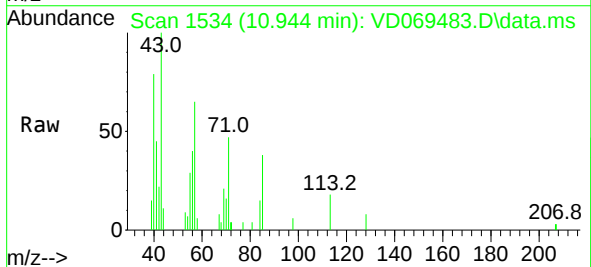
Instrument :
MSVOA_D
ClientSampleId :
SU-03-061621

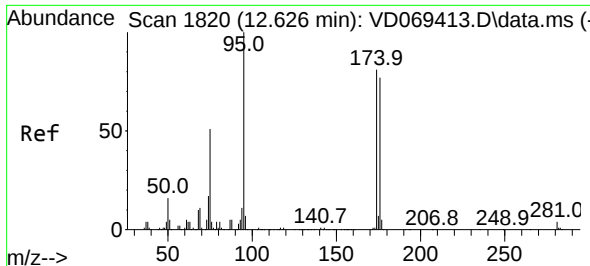
Tgt Ion: 69 Resp: 2423
Ion Ratio Lower Upper
69 100
41 167.3 45.4 68.2#
39 83.9 21.7 32.5#



#59
2-Hexanone
Concen: 9.502 ug/l
RT: 10.944 min Scan# 1534
Delta R.T. -0.041 min
Lab File: VD069483.D
Acq: 17 Jun 2021 16:47

Tgt Ion: 43 Resp: 11199
Ion Ratio Lower Upper
43 100
58 1.7 30.8 92.3#

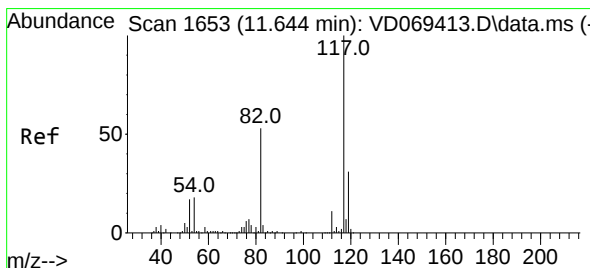
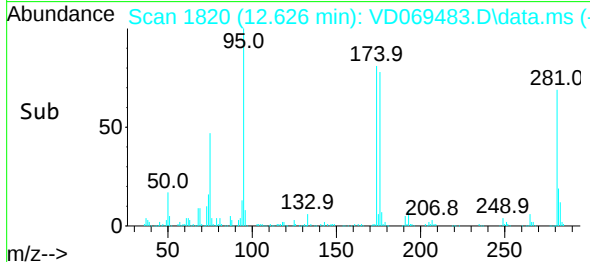
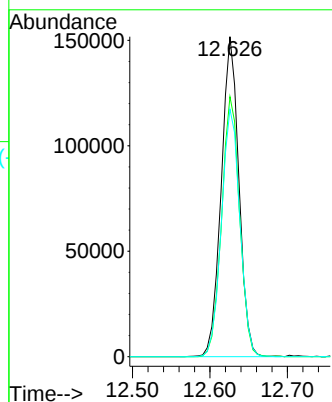
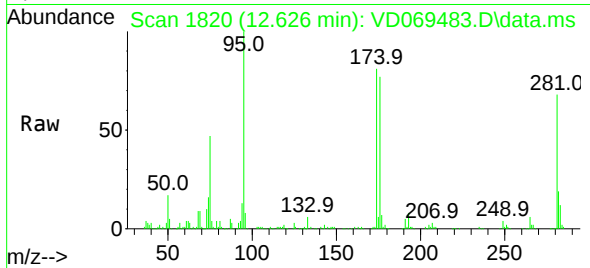




#62
4-Bromofluorobenzene
Concen: 52.180 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069483.D
Acq: 17 Jun 2021 16:47

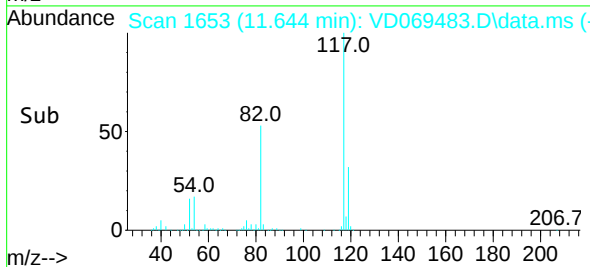
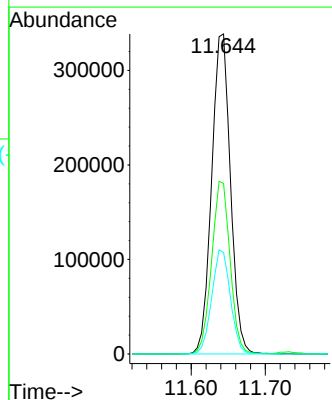
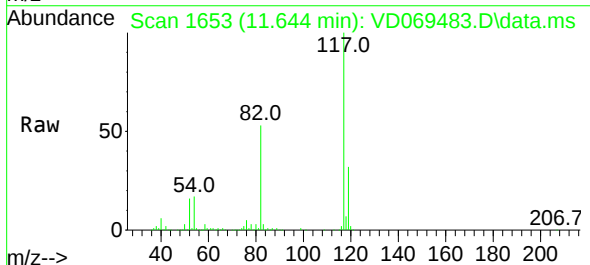
Instrument :
MSVOA_D
ClientSampleId :
SU-03-061621

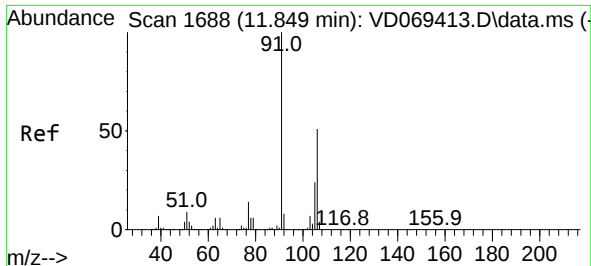
Tgt Ion:	95	Resp:	240962
Ion	Ratio	Lower	Upper
95	100		
174	82.6	0.0	162.8
176	80.6	0.0	154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. -0.000 min
Lab File: VD069483.D
Acq: 17 Jun 2021 16:47

Tgt Ion:	117	Resp:	596134
Ion	Ratio	Lower	Upper
117	100		
82	53.2	43.3	64.9
119	31.7	25.3	37.9

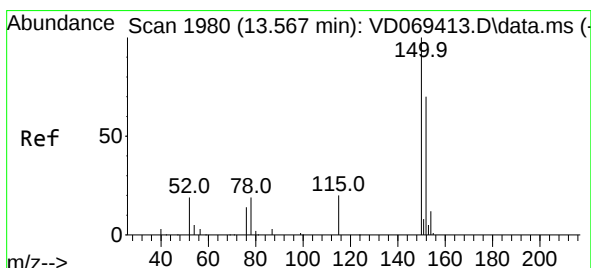
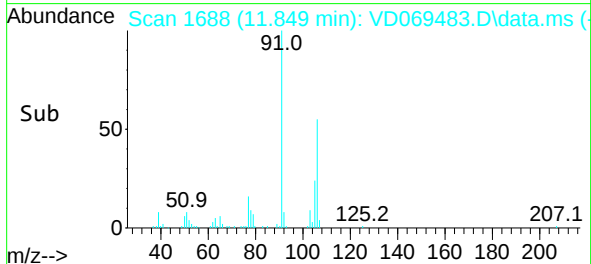
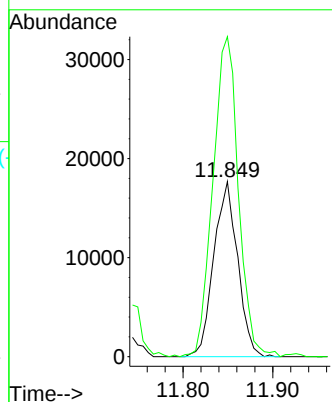
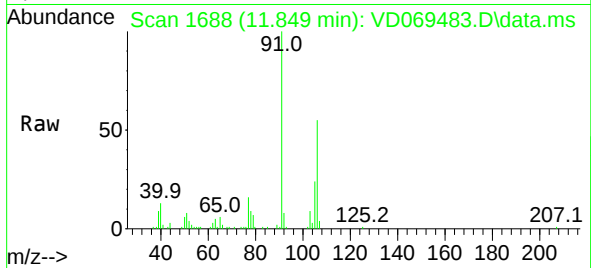




#68
m/p-Xylenes
Concen: 3.733 ug/l
RT: 11.849 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VD069483.D
Acq: 17 Jun 2021 16:47

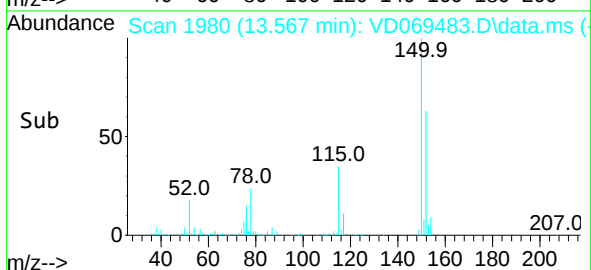
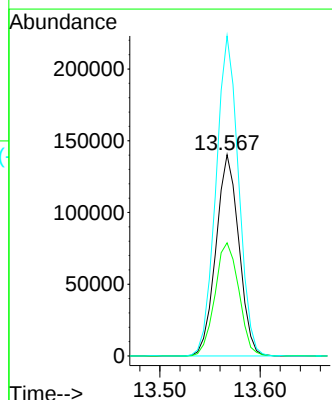
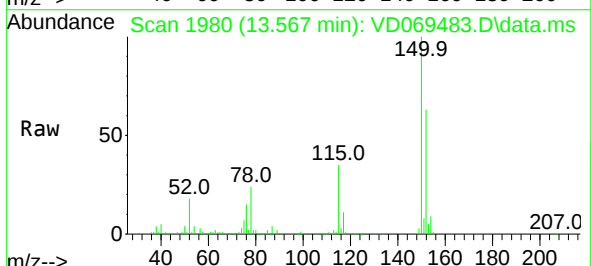
Instrument :
MSVOA_D
ClientSampleId :
SU-03-061621

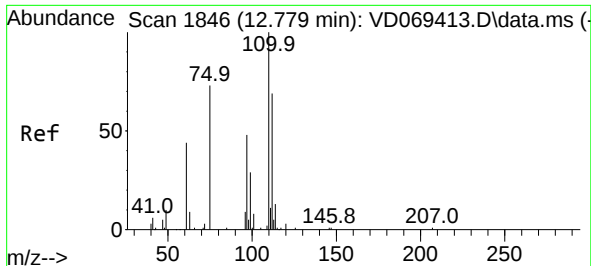
Tgt Ion:106 Resp: 32609
Ion Ratio Lower Upper
106 100
91 195.0 158.3 237.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD069483.D
Acq: 17 Jun 2021 16:47

Tgt Ion:152 Resp: 222335
Ion Ratio Lower Upper
152 100
115 58.8 29.4 88.3
150 156.7 0.0 355.0

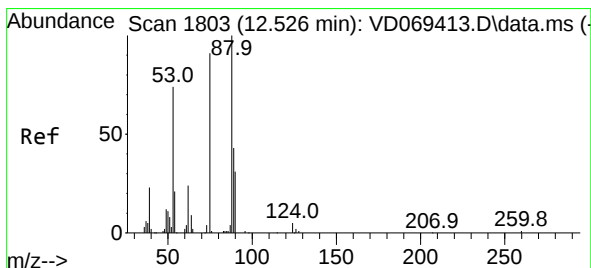
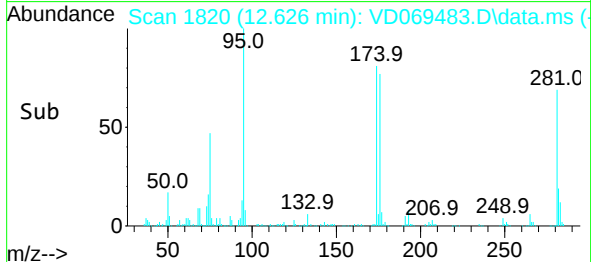
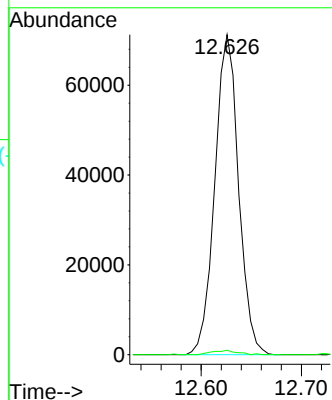
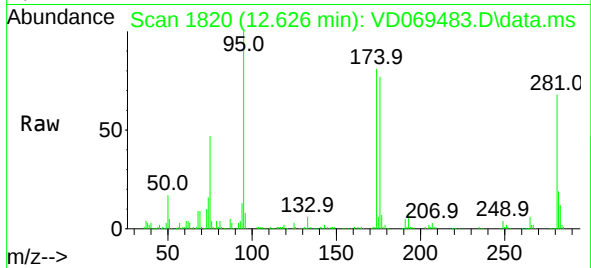




#76
1,2,3-Trichloropropane
Concen: 51.954 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.153 min
Lab File: VD069483.D
Acq: 17 Jun 2021 16:47

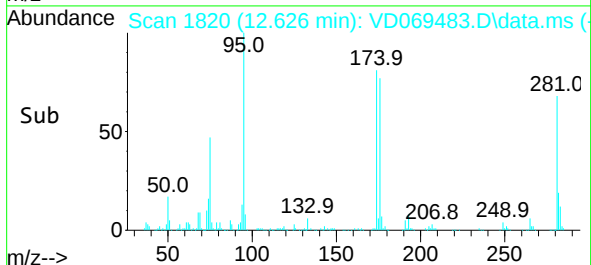
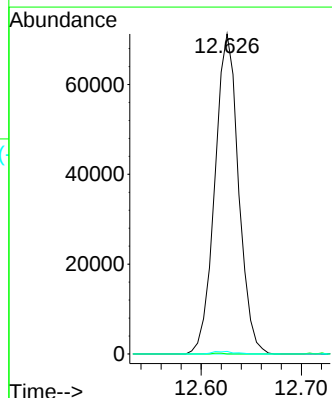
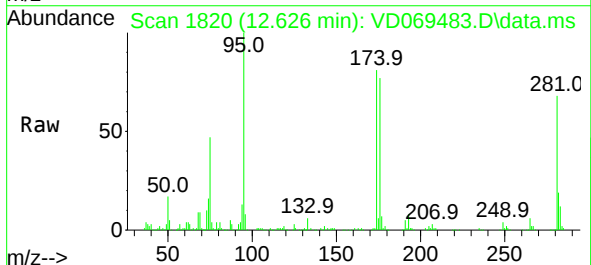
Instrument :
MSVOA_D
ClientSampleId :
SU-03-061621

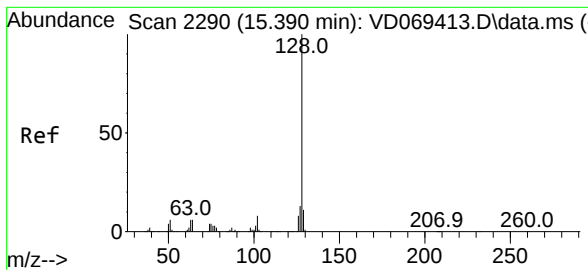
Tgt Ion: 75 Resp: 117110
Ion Ratio Lower Upper
75 100
77 1.5 183.8 551.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 138.600 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.100 min
Lab File: VD069483.D
Acq: 17 Jun 2021 16:47

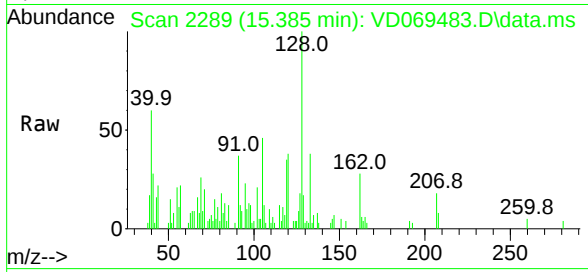
Tgt Ion: 75 Resp: 117110
Ion Ratio Lower Upper
75 100
53 0.1 62.6 94.0#
89 0.7 35.6 53.4#





#95
Naphthalene
Concen: 5.103 ug/l
RT: 15.385 min Scan# 2289
Delta R.T. -0.005 min
Lab File: VD069483.D
Acq: 17 Jun 2021 16:47

Instrument :
MSVOA_D
ClientSampleId :
SU-03-061621



Tgt Ion:128 Resp: 12709
Ion Ratio Lower Upper
128 100
127 17.4 10.4 15.6#
129 6.9 8.8 13.2#

