

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072821\
 Data File : VD069881.D
 Acq On : 28 Jul 2021 11:04
 Operator : VA/SY
 Sample : VD0728SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0728SBL01

Quant Time: Jul 28 13:11:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 04:51:13 2021
 Response via : Initial Calibration

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

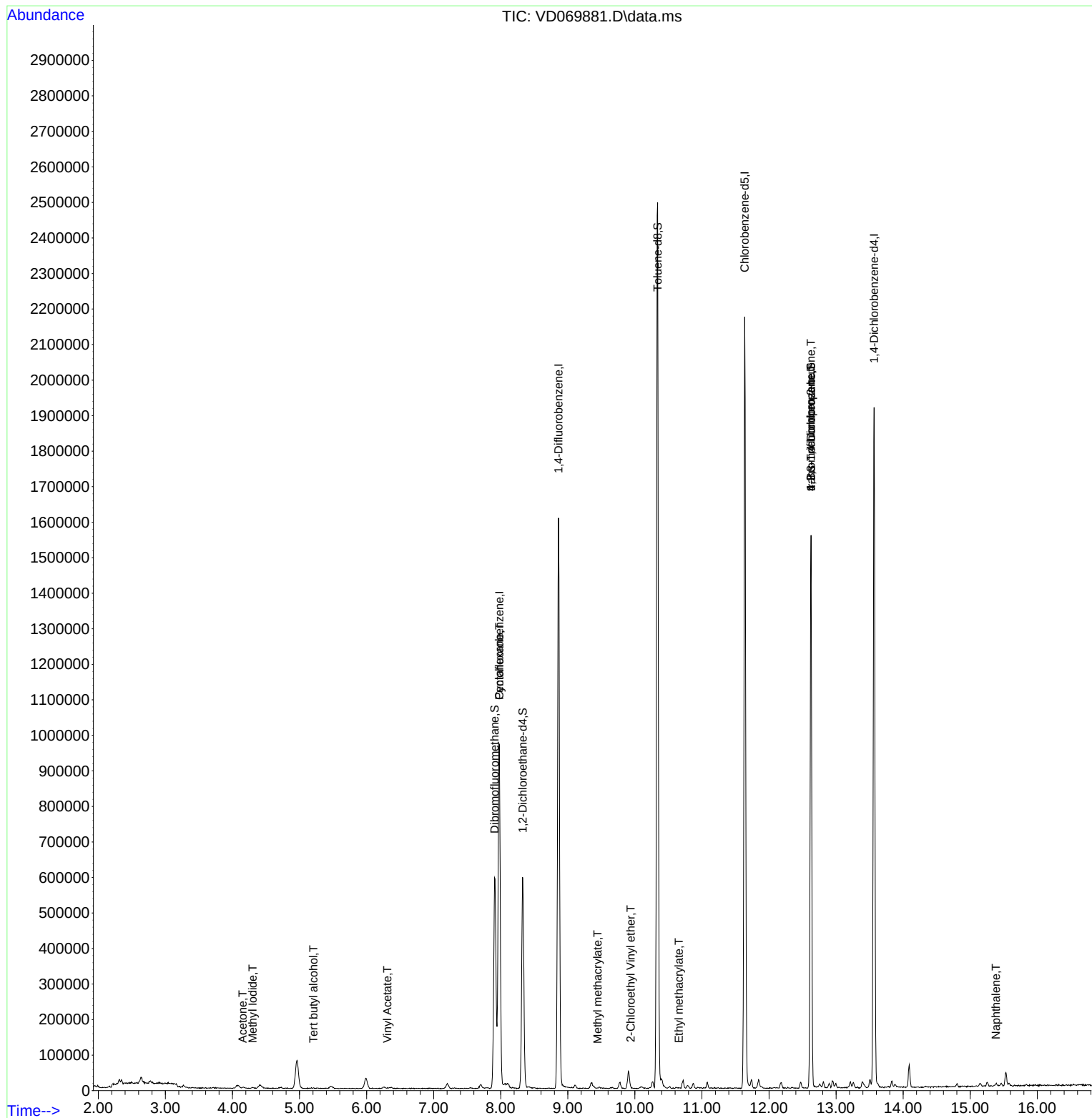
Internal Standards						
1) Pentafluorobenzene	7.979	168	681412	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1351035	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1240003	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	509816	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	461500	58.888	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 117.780%	
35) Dibromofluoromethane	7.908	113	444161	52.150	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.300%	
50) Toluene-d8	10.338	98	1745524	53.151	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.300%	
62) 4-Bromofluorobenzene	12.626	95	521925	47.554	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 95.100%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.773	94	5925	Below Cal	#	65
10) Methyl Iodide	4.303	142	3671	3.866	ug/l #	90
11) Tert butyl alcohol	5.209	59	889	2.192	ug/l #	73
16) Acetone	4.150	43	2236	1.579	ug/l #	81
20) Methylene Chloride	4.962	84	63806	Below Cal		95
23) Vinyl Acetate	6.309	43	1842	20.473	ug/l #	71
31) Cyclohexane	7.979	56	22233	1.452	ug/l #	24
48) Methyl methacrylate	9.444	41	341	2.810	ug/l #	90
56) Ethyl methacrylate	10.655	69	1030	3.996	ug/l #	28
58) 2-Chloroethyl Vinyl ether	9.938	63	1327	21.160	ug/l	98
76) 1,2,3-Trichloropropane	12.626	75	256094	47.259	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	256094	143.371	ug/l #	16
95) Naphthalene	15.385	128	5947	5.320	ug/l	99

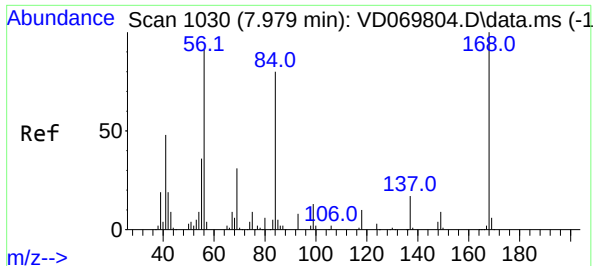
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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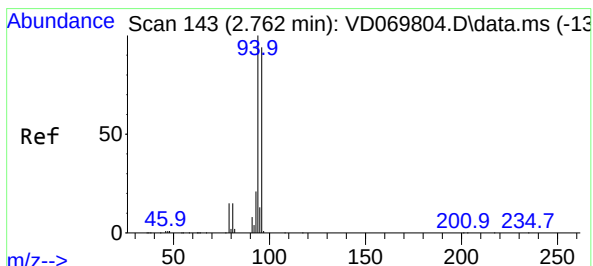
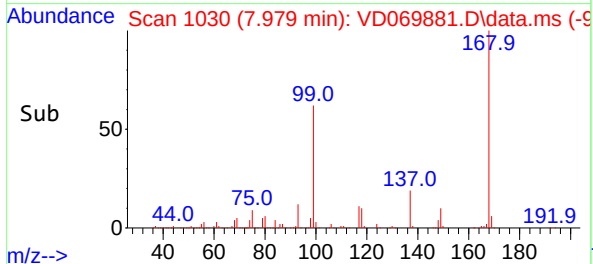
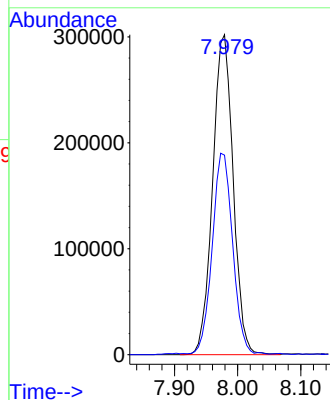
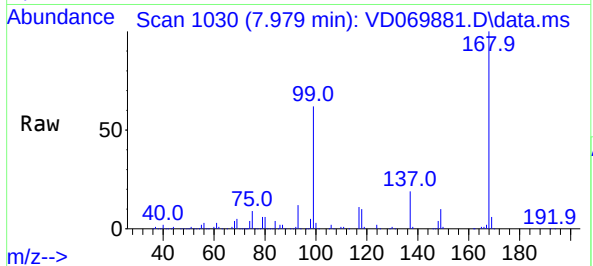




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069881.D
Acq: 28 Jul 2021 11:04

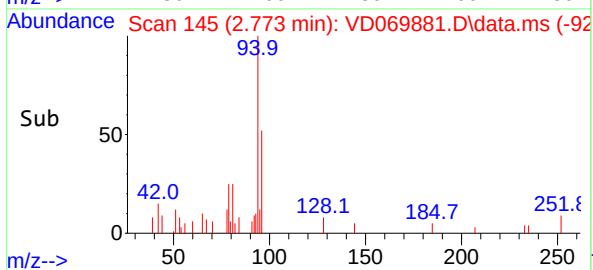
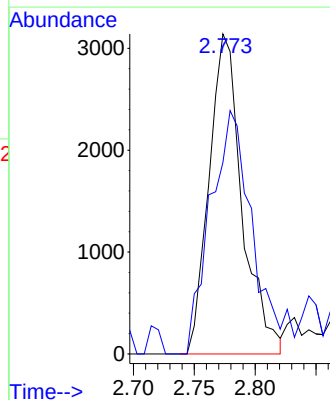
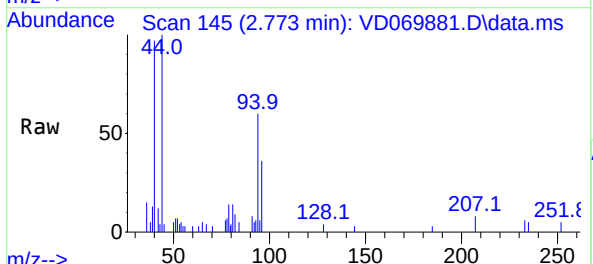
Instrument :
MSVOA_D
ClientSampleId :
VD0728SBL01

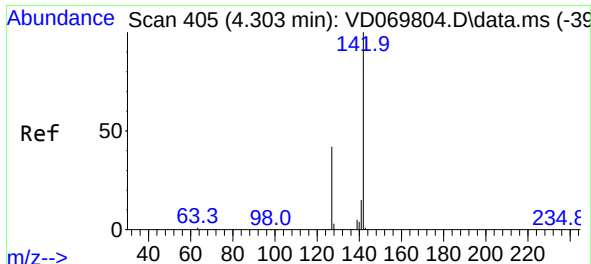
Tgt Ion:168 Resp: 681412
Ion Ratio Lower Upper
168 100
99 62.0 51.1 76.7



#5
Bromomethane
Concen: Below Cal
RT: 2.773 min Scan# 145
Delta R.T. 0.011 min
Lab File: VD069881.D
Acq: 28 Jul 2021 11:04

Tgt Ion: 94 Resp: 5925
Ion Ratio Lower Upper
94 100
96 59.9 74.8 112.2#

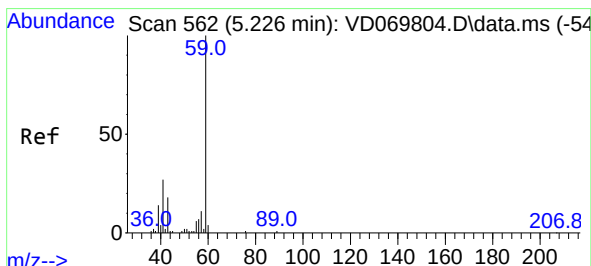
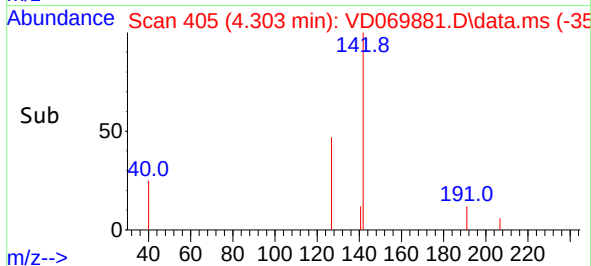
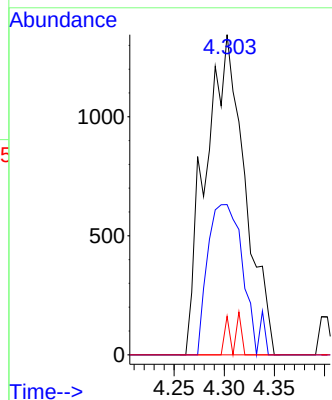
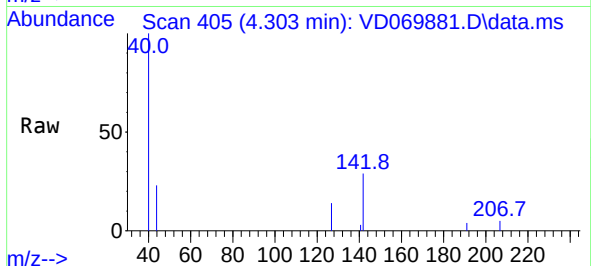




#10
Methyl Iodide
Concen: 3.866 ug/l
RT: 4.303 min Scan# 405
Delta R.T. -0.000 min
Lab File: VD069881.D
Acq: 28 Jul 2021 11:04

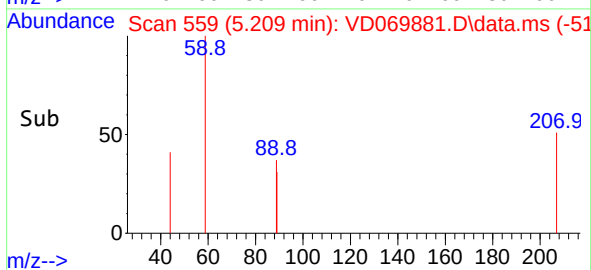
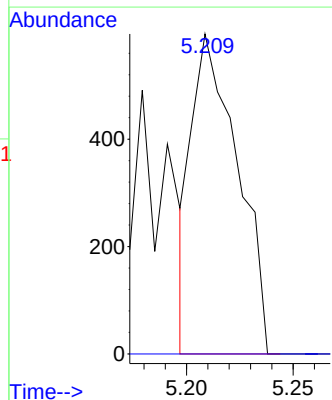
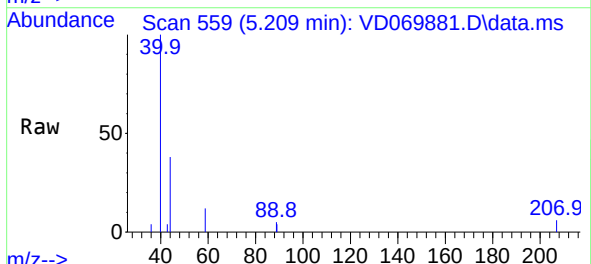
Instrument :
MSVOA_D
ClientSampleId :
VD0728SBL01

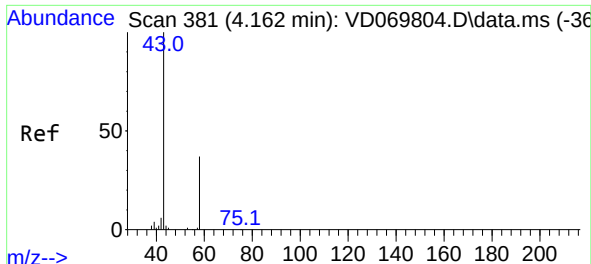
Tgt Ion:142 Resp: 3671
Ion Ratio Lower Upper
142 100
127 42.4 35.7 53.5
141 3.3 12.0 18.0#



#11
Tert butyl alcohol
Concen: 2.192 ug/l
RT: 5.209 min Scan# 559
Delta R.T. -0.018 min
Lab File: VD069881.D
Acq: 28 Jul 2021 11:04

Tgt Ion: 59 Resp: 889
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

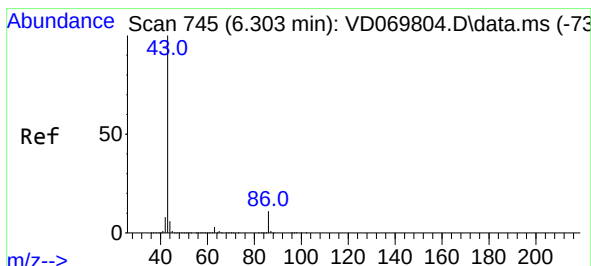
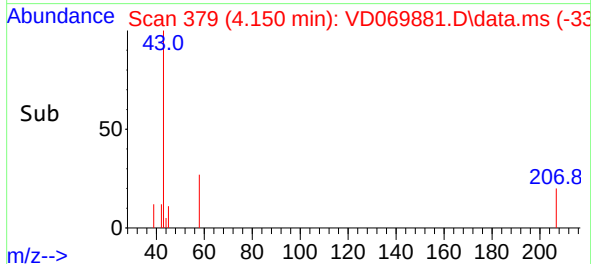
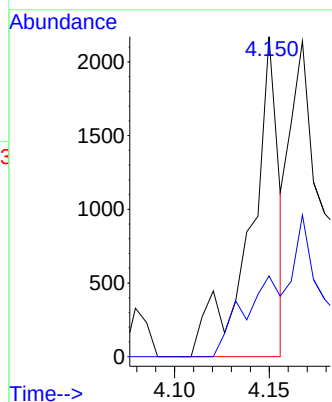
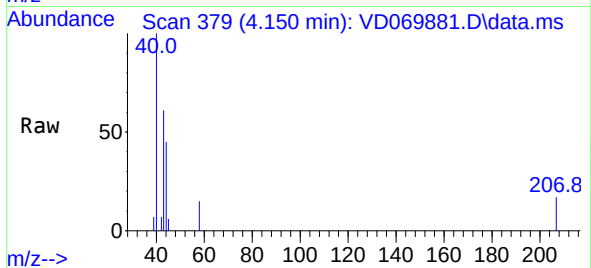




#16
Acetone
Concen: 1.579 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.012 min
Lab File: VD069881.D
Acq: 28 Jul 2021 11:04

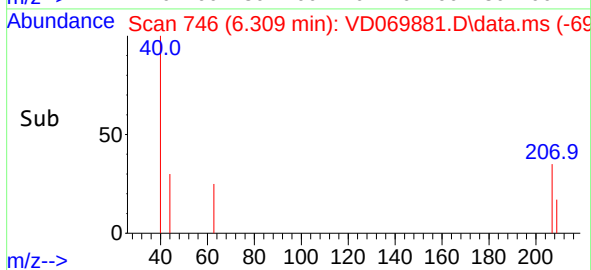
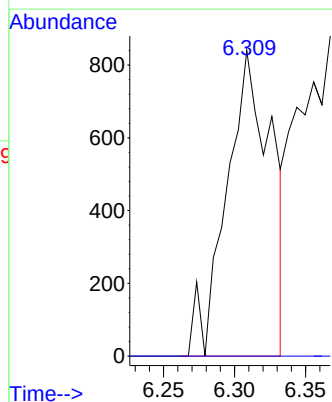
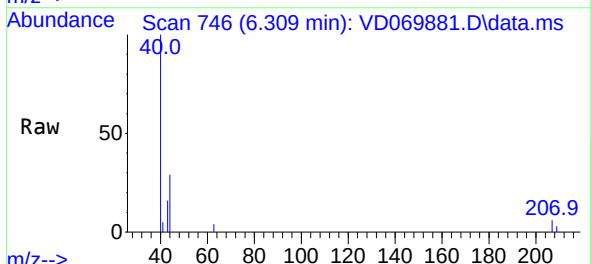
Instrument :
MSVOA_D
ClientSampleId :
VD0728SBL01

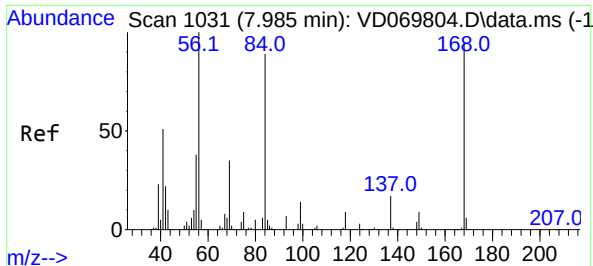
Tgt Ion: 43 Resp: 2236
Ion Ratio Lower Upper
43 100
58 25.2 29.4 44.0#



#23
Vinyl Acetate
Concen: 20.473 ug/l
RT: 6.309 min Scan# 746
Delta R.T. 0.006 min
Lab File: VD069881.D
Acq: 28 Jul 2021 11:04

Tgt Ion: 43 Resp: 1842
Ion Ratio Lower Upper
43 100
86 0.0 8.6 13.0#

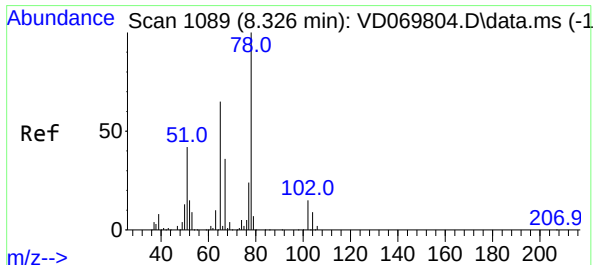
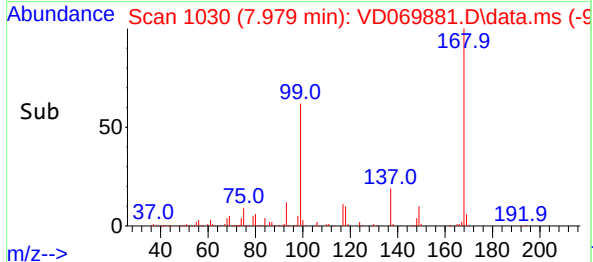
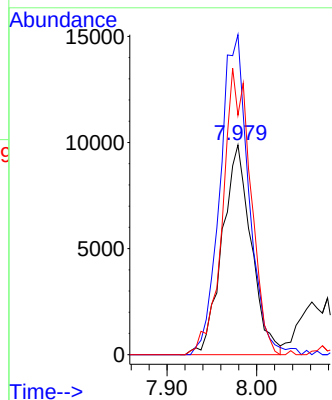
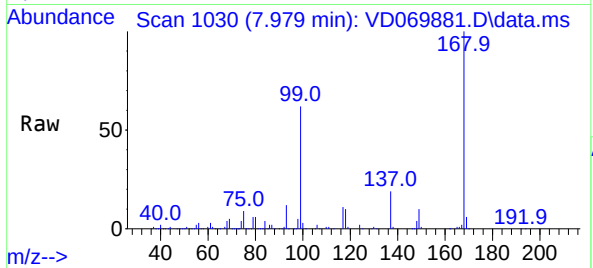




#31
Cyclohexane
Concen: 1.452 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD069881.D
Acq: 28 Jul 2021 11:04

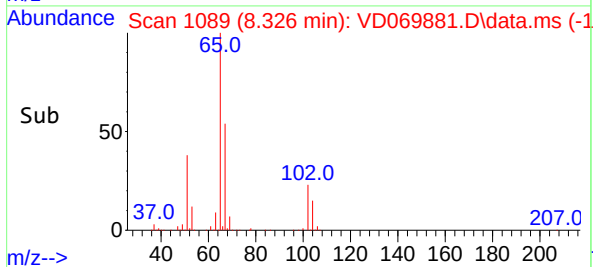
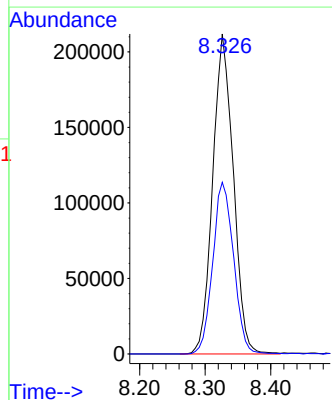
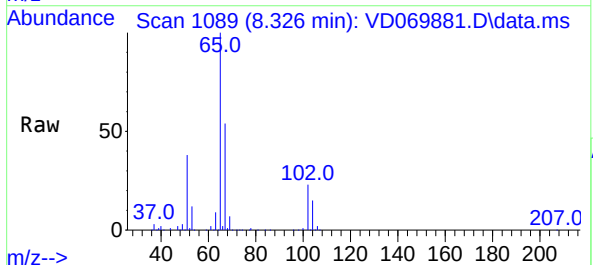
Instrument :
MSVOA_D
ClientSampleId :
VD0728SBL01

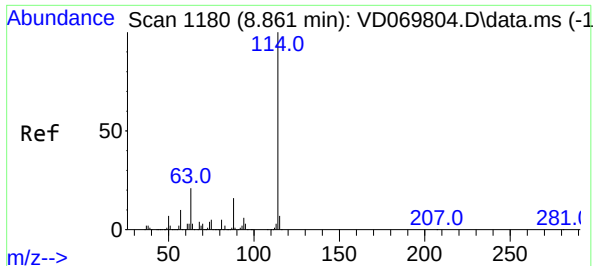
Tgt Ion: 56 Resp: 22233
Ion Ratio Lower Upper
56 100
69 152.5 27.9 41.9#
84 114.1 71.4 107.2#



#33
1,2-Dichloroethane-d4
Concen: 58.888 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD069881.D
Acq: 28 Jul 2021 11:04

Tgt Ion: 65 Resp: 461500
Ion Ratio Lower Upper
65 100
67 54.4 0.0 111.2

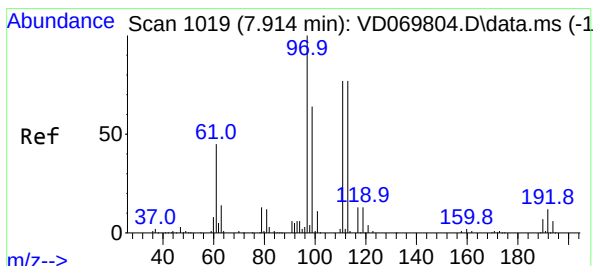
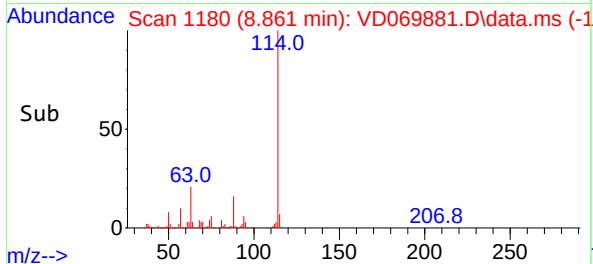
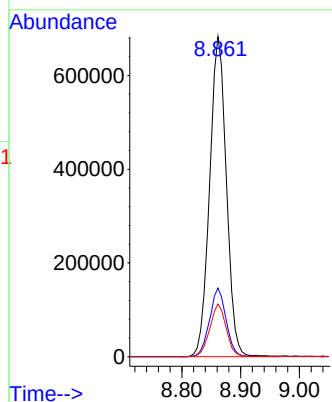
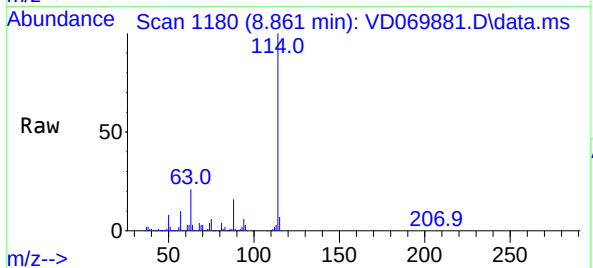




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069881.D
Acq: 28 Jul 2021 11:04

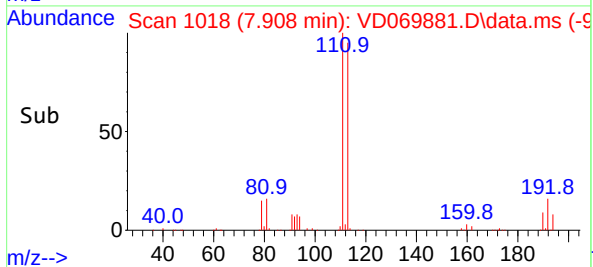
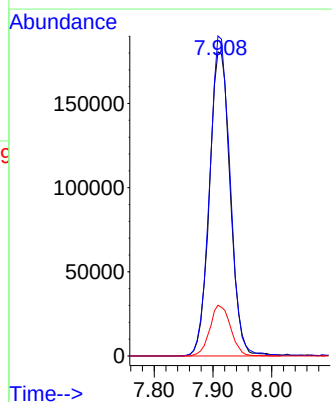
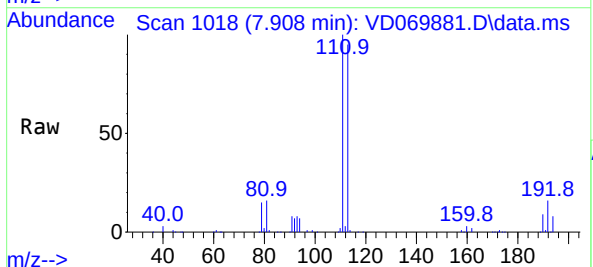
Instrument :
MSVOA_D
ClientSampleId :
VD0728SBL01

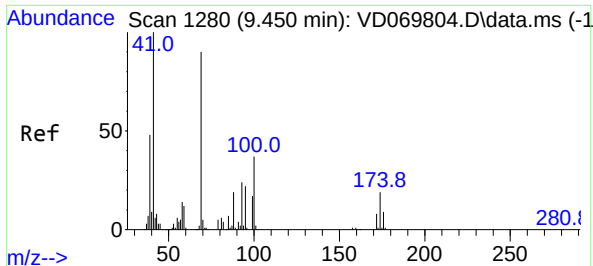
Tgt Ion:114 Resp: 1351035
Ion Ratio Lower Upper
114 100
63 21.5 0.0 41.6
88 16.5 0.0 31.4



#35
Dibromofluoromethane
Concen: 52.150 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD069881.D
Acq: 28 Jul 2021 11:04

Tgt Ion:113 Resp: 444161
Ion Ratio Lower Upper
113 100
111 103.1 80.5 120.7
192 16.6 12.6 19.0



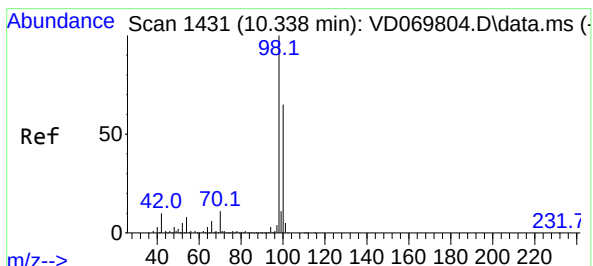
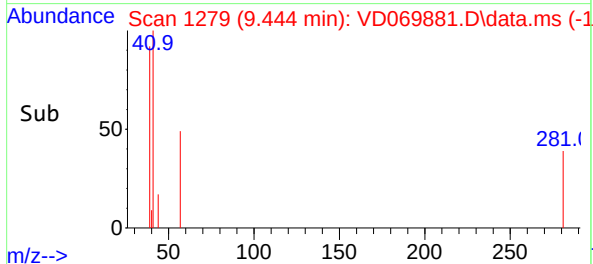
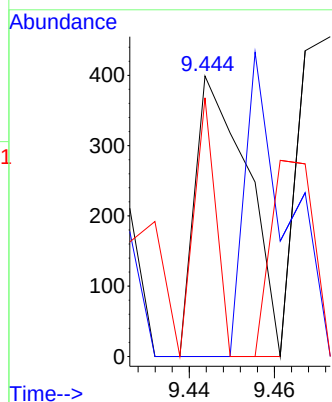
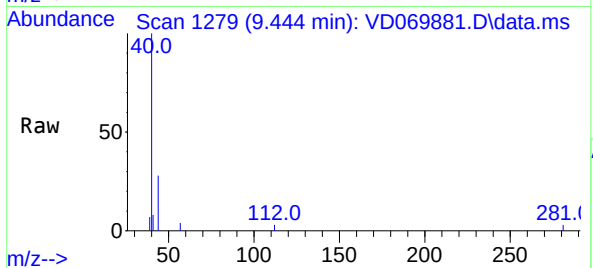


#48
Methyl methacrylate
Concen: 2.810 ug/l
RT: 9.444 min Scan# 1279
Delta R.T. -0.006 min
Lab File: VD069881.D
Acq: 28 Jul 2021 11:04

Instrument :
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ClientSampleId :
VD0728SBL01

Tgt Ion: 41 Resp: 341

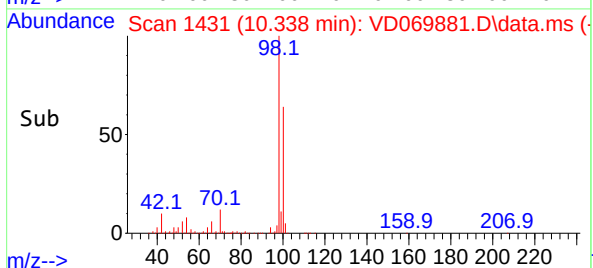
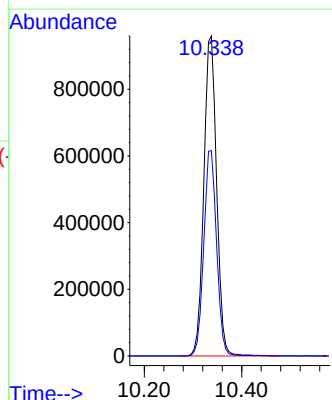
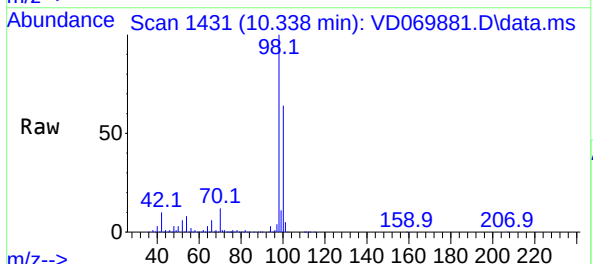
Ion	Ratio	Lower	Upper
41	100		
69	85.9	73.4	110.2
39	57.2	36.6	55.0#

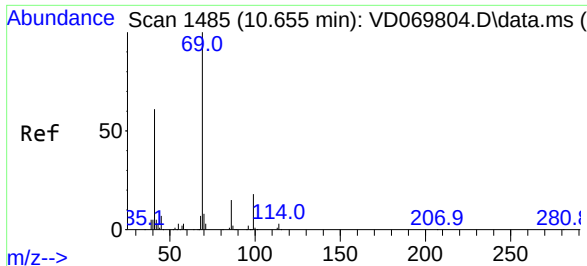


#50
Toluene-d8
Concen: 53.151 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069881.D
Acq: 28 Jul 2021 11:04

Tgt Ion: 98 Resp: 1745524

Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.9	77.9

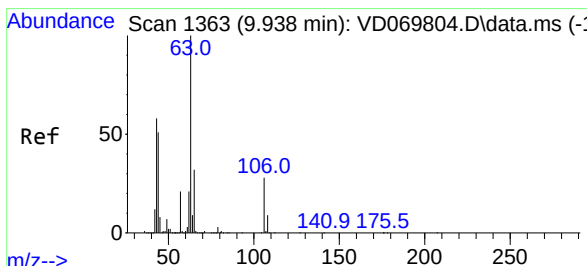
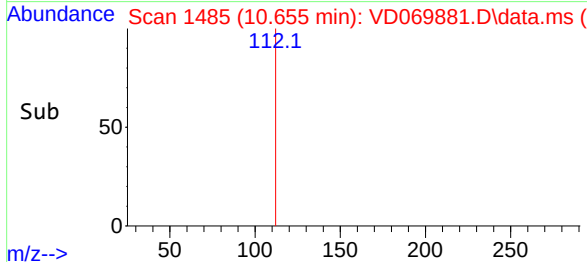
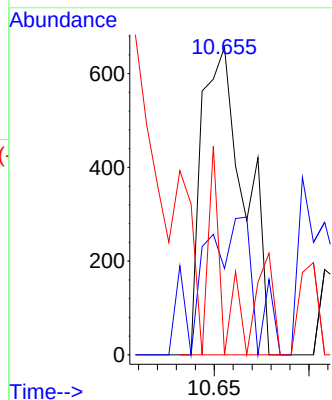
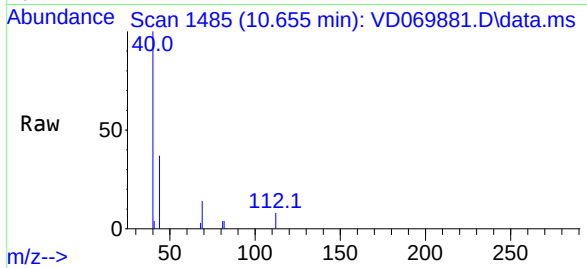




#56
Ethyl methacrylate
Concen: 3.996 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. 0.000 min
Lab File: VD069881.D
Acq: 28 Jul 2021 11:04

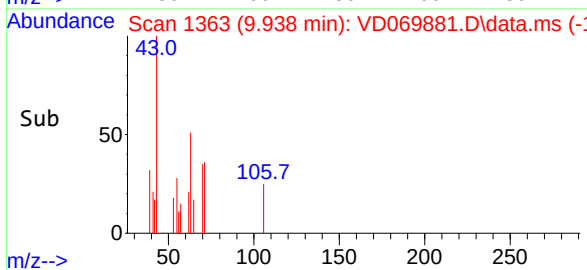
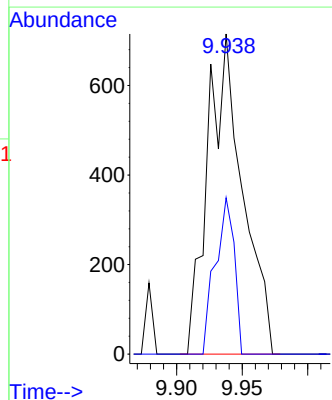
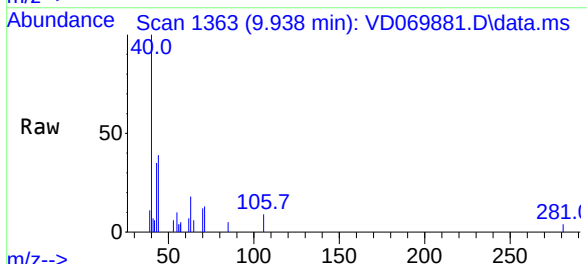
Instrument :
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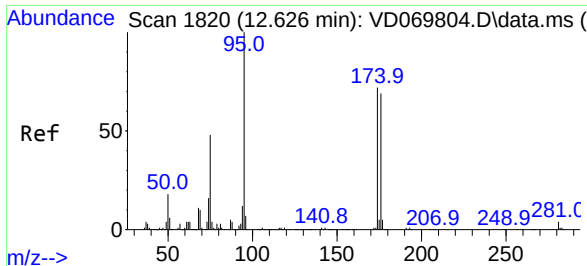
Tgt Ion: 69 Resp: 1030
Ion Ratio Lower Upper
69 100
41 0.0 50.2 75.2#
39 0.0 22.0 33.0#



#58
2-Chloroethyl Vinyl ether
Concen: 21.160 ug/l
RT: 9.938 min Scan# 1363
Delta R.T. -0.000 min
Lab File: VD069881.D
Acq: 28 Jul 2021 11:04

Tgt Ion: 63 Resp: 1327
Ion Ratio Lower Upper
63 100
106 26.4 21.8 32.6

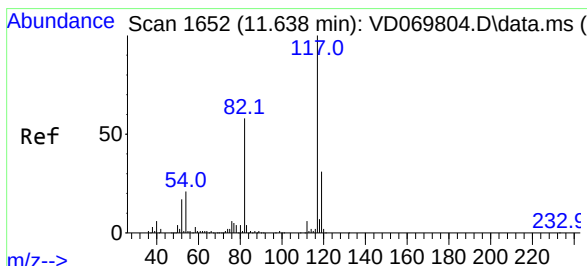
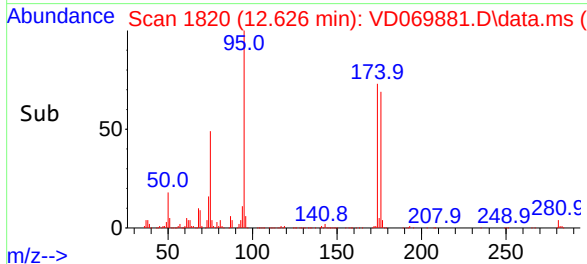
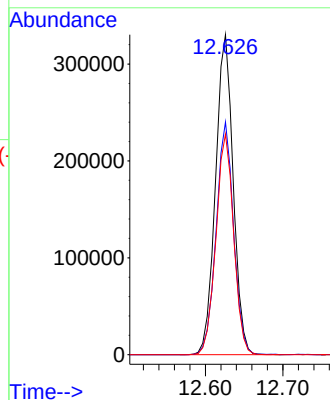
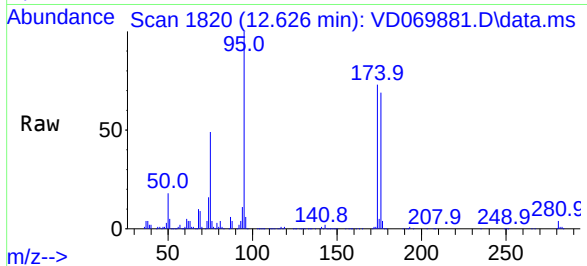




#62
4-Bromofluorobenzene
Concen: 47.554 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069881.D
Acq: 28 Jul 2021 11:04

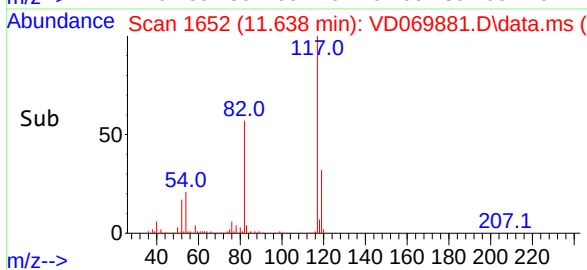
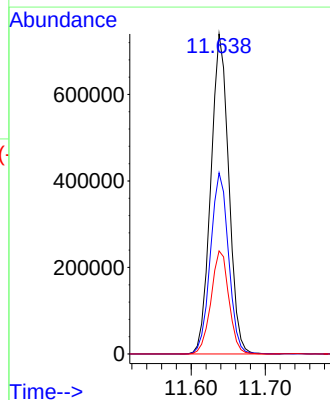
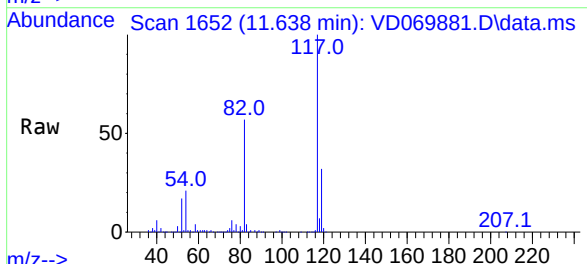
Instrument :
MSVOA_D
ClientSampleId :
VD0728SBL01

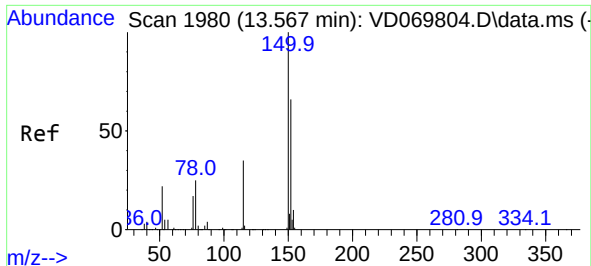
Tgt Ion: 95 Resp: 521925
Ion Ratio Lower Upper
95 100
174 72.2 0.0 142.6
176 69.0 0.0 134.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069881.D
Acq: 28 Jul 2021 11:04

Tgt Ion: 117 Resp: 1240003
Ion Ratio Lower Upper
117 100
82 56.6 46.3 69.5
119 32.2 24.7 37.1

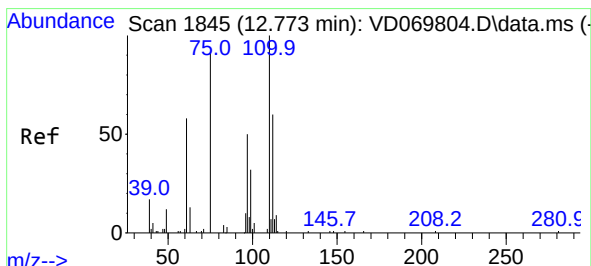
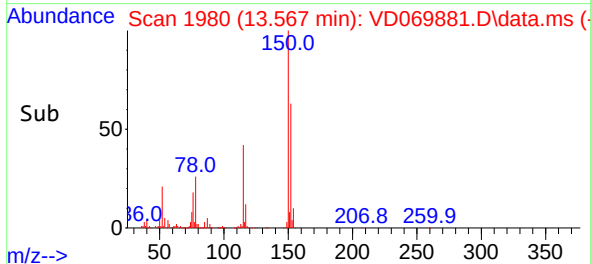
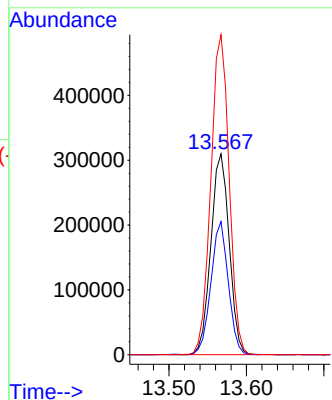
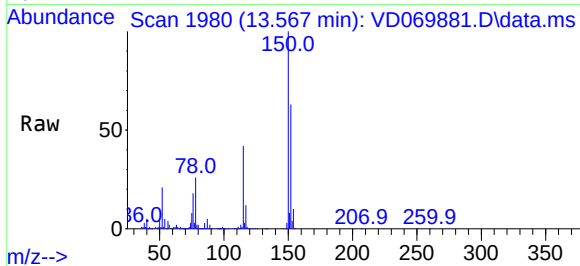




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD069881.D
Acq: 28 Jul 2021 11:04

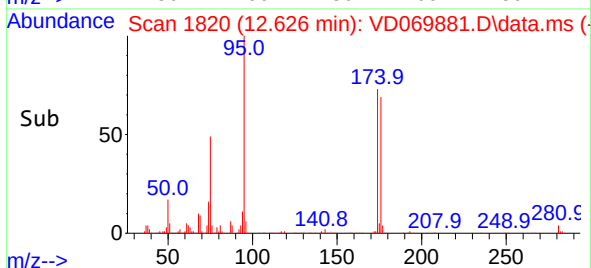
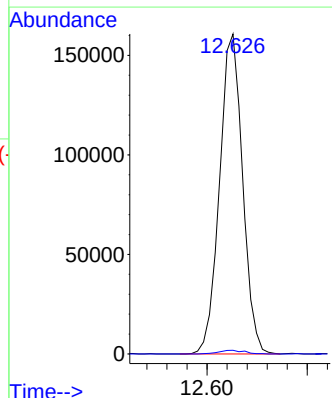
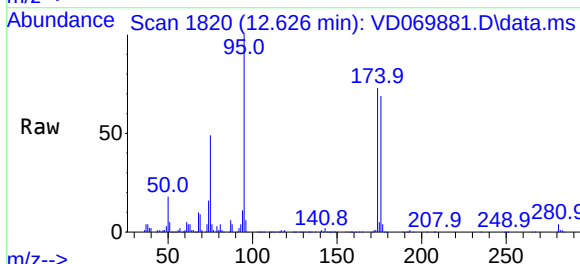
Instrument :
MSVOA_D
ClientSampleId :
VD0728SBL01

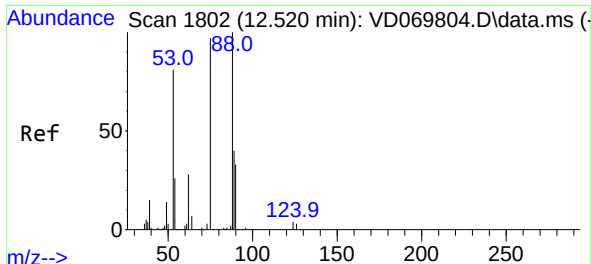
Tgt Ion:152 Resp: 509816
Ion Ratio Lower Upper
152 100
115 62.7 31.1 93.3
150 158.9 0.0 343.0



#76
1,2,3-Trichloropropane
Concen: 47.259 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD069881.D
Acq: 28 Jul 2021 11:04

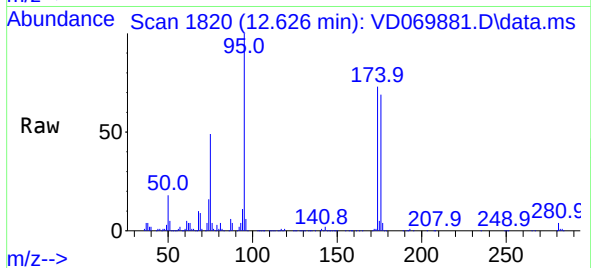
Tgt Ion: 75 Resp: 256094
Ion Ratio Lower Upper
75 100
77 1.3 181.5 544.5#



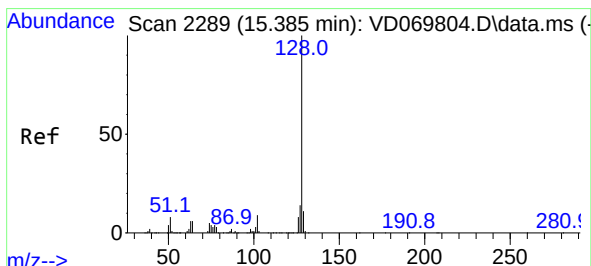
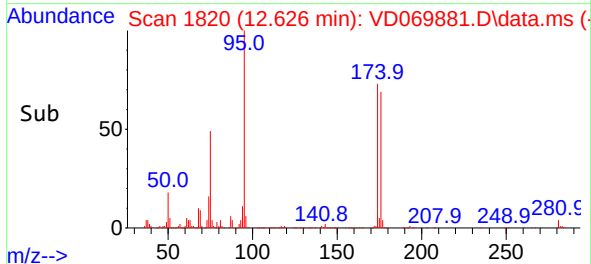
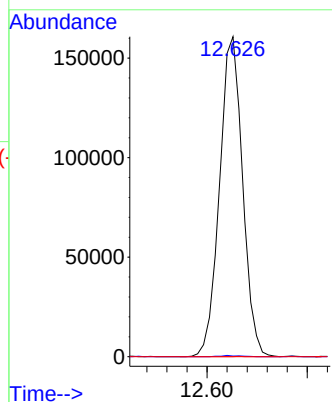


#81
trans-1,4-Dichloro-2-butene
Concen: 143.371 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD069881.D
Acq: 28 Jul 2021 11:04

Instrument :
MSVOA_D
ClientSampleId :
VD0728SBL01



Tgt Ion: 75 Resp: 256094
Ion Ratio Lower Upper
75 100
53 0.3 67.2 100.8#
89 0.0 35.8 53.6#



#95
Naphthalene
Concen: 5.320 ug/l
RT: 15.385 min Scan# 2289
Delta R.T. -0.000 min
Lab File: VD069881.D
Acq: 28 Jul 2021 11:04

Tgt Ion: 128 Resp: 5947
Ion Ratio Lower Upper
128 100
127 13.7 10.6 16.0
129 9.9 8.6 12.8

