

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071621\
 Data File : VD069729.D
 Acq On : 16 Jul 2021 17:05
 Operator : VA/SY
 Sample : M3029-06
 Misc : 5.03G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jul 17 00:54:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071321S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 14 06:00:31 2021
 Response via : Initial Calibration

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

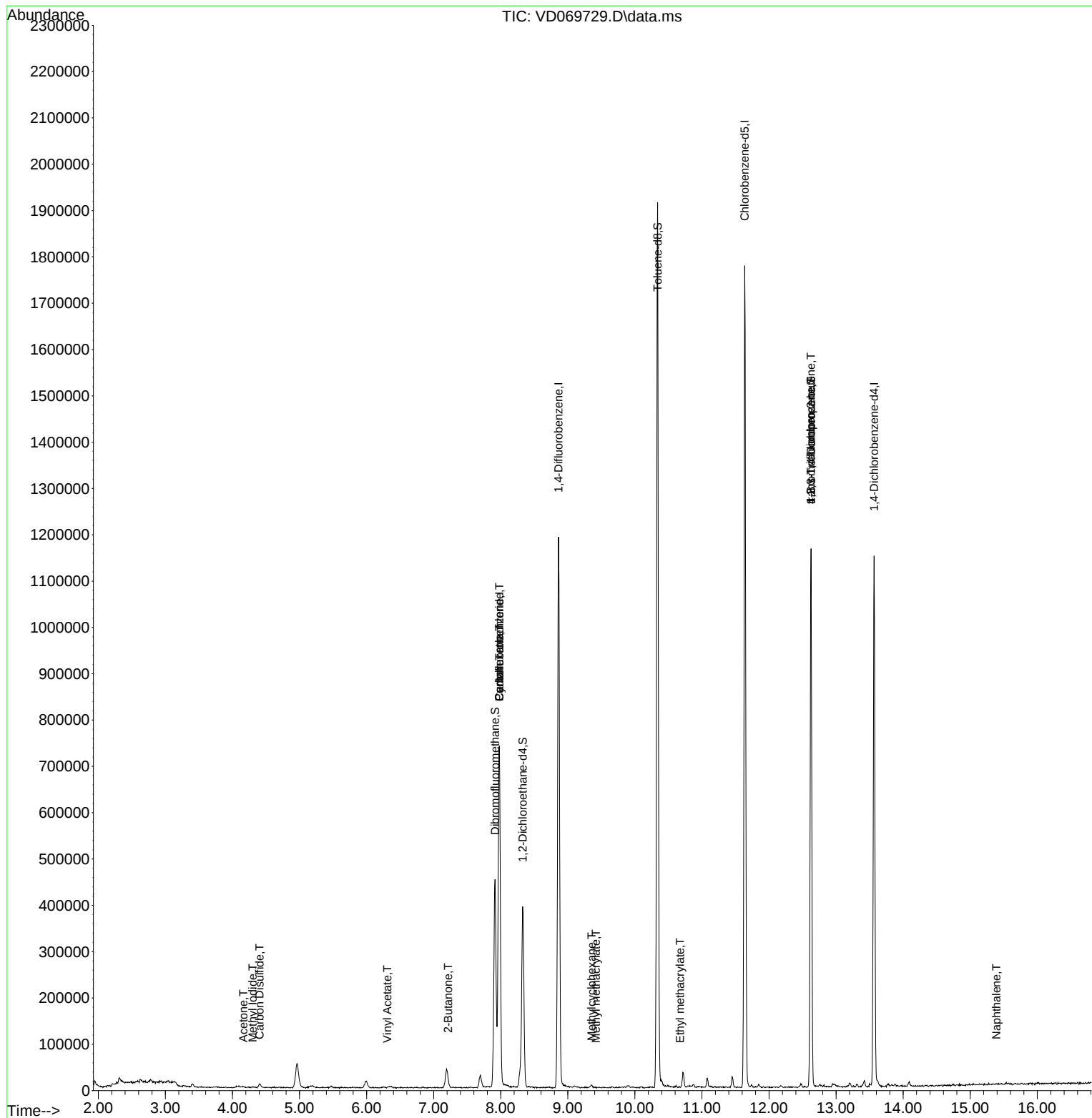
Internal Standards						
1) Pentafluorobenzene	7.979	168	527859	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1015154	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1013622	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	302431	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	306577	46.514	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	93.020%		
35) Dibromofluoromethane	7.914	113	328558	48.243	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	96.480%		
50) Toluene-d8	10.338	98	1301142	49.176	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	98.360%		
62) 4-Bromofluorobenzene	12.626	95	391116	44.323	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	88.640%		
Target Compounds						Qvalue
5) Bromomethane	2.774	94	3592	Below Cal		91
10) Methyl Iodide	4.303	142	1887	2.742 ug/l #		68
16) Acetone	4.162	43	2723	14.913 ug/l #		83
17) Carbon Disulfide	4.403	76	14788	1.157 ug/l		95
18) Methyl Acetate	4.703	43	238	Below Cal #		49
20) Methylene Chloride	4.968	84	41826	Below Cal		97
23) Vinyl Acetate	6.309	43	92	15.433 ug/l #		72
25) 2-Butanone	7.214	43	2551	1.638 ug/l #		47
31) Cyclohexane	7.979	56	14267	1.666 ug/l #		8
38) Carbon Tetrachloride	7.979	117	56898	5.933 ug/l #		17
39) Methylcyclohexane	9.356	83	2310	2.136 ug/l		91
48) Methyl methacrylate	9.420	41	217	1.159 ug/l #		31
56) Ethyl methacrylate	10.673	69	948	1.797 ug/l #		59
76) 1,2,3-Trichloropropane	12.626	75	191421	65.153 ug/l #		100
81) trans-1,4-Dichloro-2-b...	12.626	75	191421	175.095 ug/l #		14
95) Naphthalene	15.391	128	722	2.277 ug/l #		69

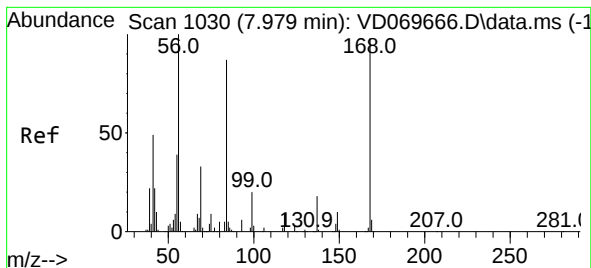
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071621\
Data File : VD069729.D
Acq On : 16 Jul 2021 17:05
Operator : VA/SY
Sample : M3029-06
Misc : 5.03G/5.00ml/MSVOA_D/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Jul 17 00:54:28 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071321S.M
Quant Title : SW846 8260
QLast Update : Wed Jul 14 06:00:31 2021
Response via : Initial Calibration

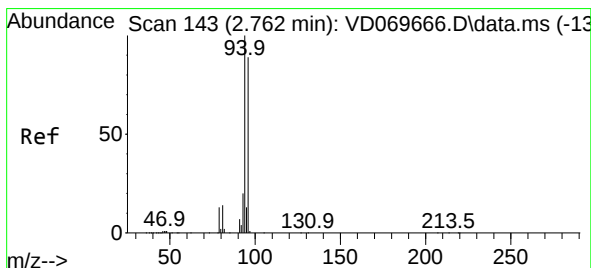
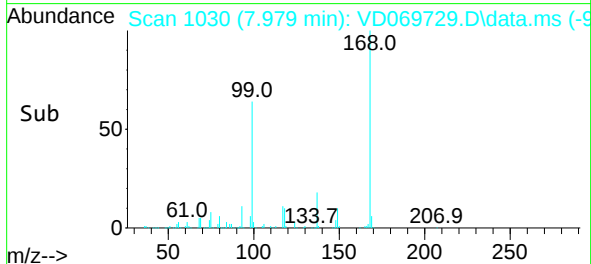
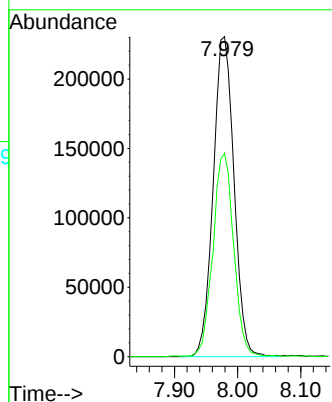
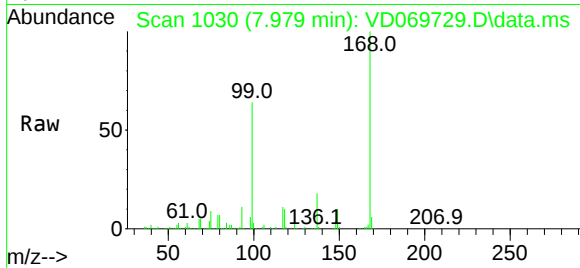




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069729.D
Acq: 16 Jul 2021 17:05

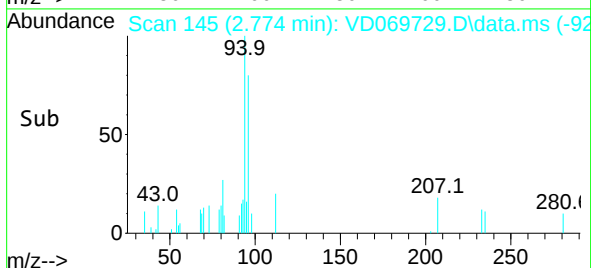
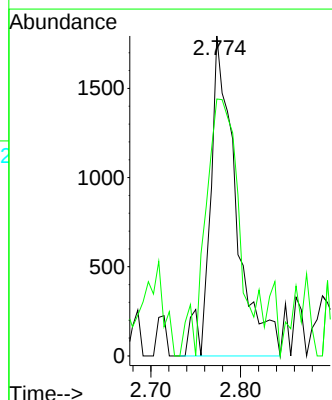
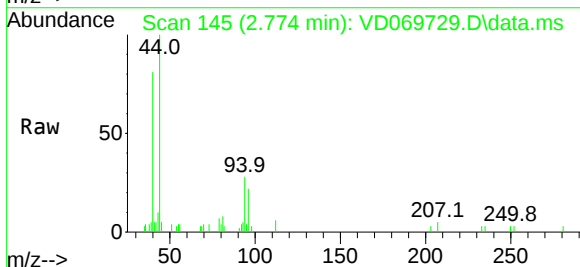
Instrument :
MSVOA_D
ClientSampleId :

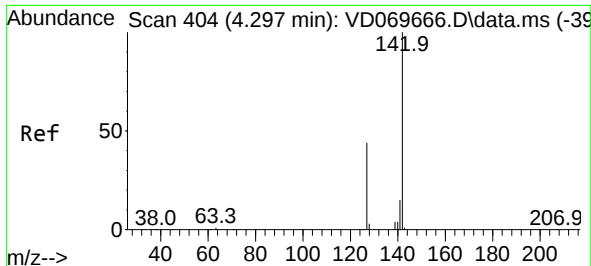
Tgt Ion:168 Resp: 527859
Ion Ratio Lower Upper
168 100
99 63.4 51.8 77.6



#5
Bromomethane
Concen: Below Cal
RT: 2.774 min Scan# 145
Delta R.T. 0.012 min
Lab File: VD069729.D
Acq: 16 Jul 2021 17:05

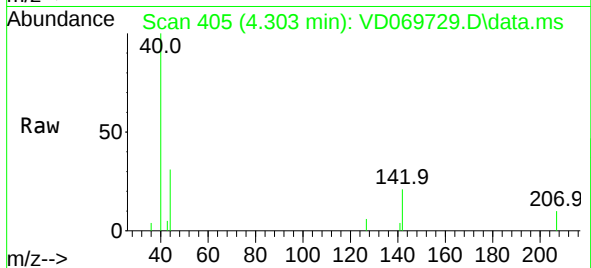
Tgt Ion: 94 Resp: 3592
Ion Ratio Lower Upper
94 100
96 80.3 71.2 106.8



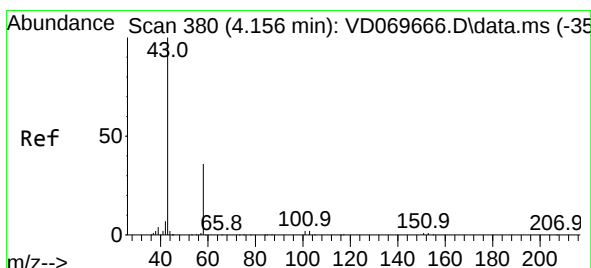
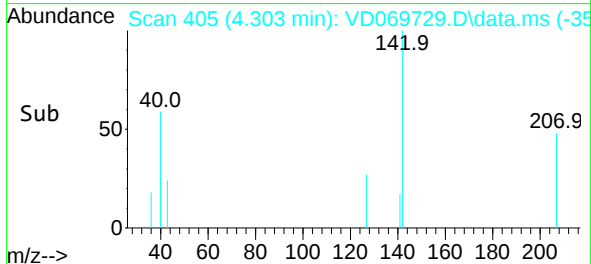
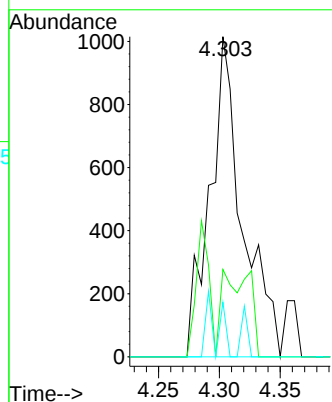


#10
Methyl Iodide
Concen: 2.742 ug/l
RT: 4.303 min Scan# 405
Delta R.T. 0.006 min
Lab File: VD069729.D
Acq: 16 Jul 2021 17:05

Instrument :
MSVOA_D
ClientSampleId :

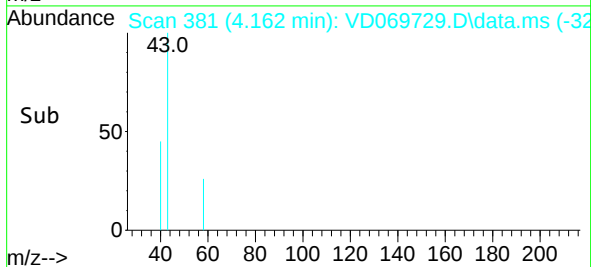
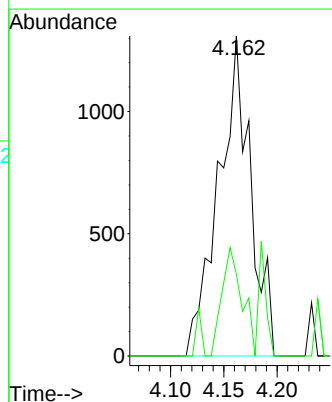
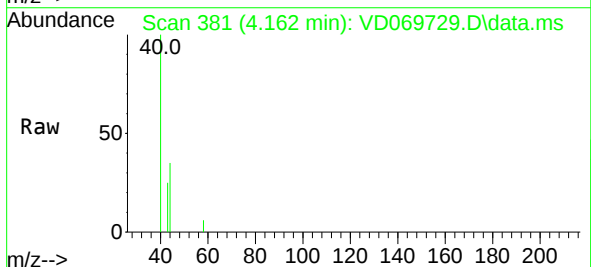


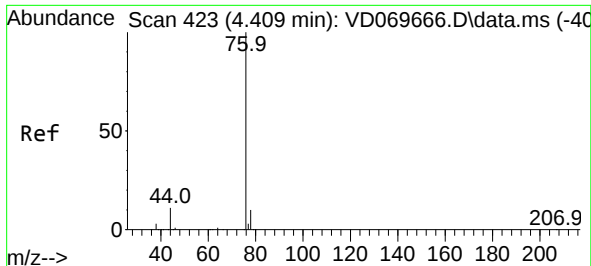
Tgt Ion:142 Resp: 1887
Ion Ratio Lower Upper
142 100
127 22.9 36.1 54.1#
141 3.0 11.6 17.4#



#16
Acetone
Concen: 14.913 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD069729.D
Acq: 16 Jul 2021 17:05

Tgt Ion: 43 Resp: 2723
Ion Ratio Lower Upper
43 100
58 25.6 28.6 42.8#

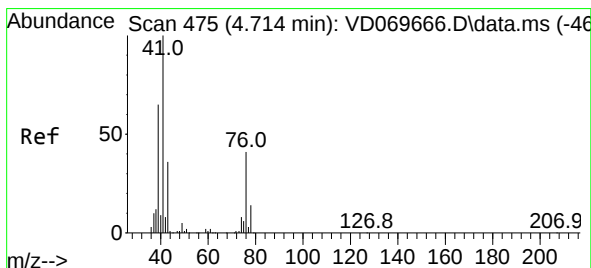
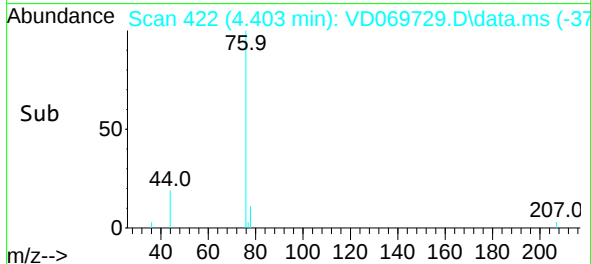
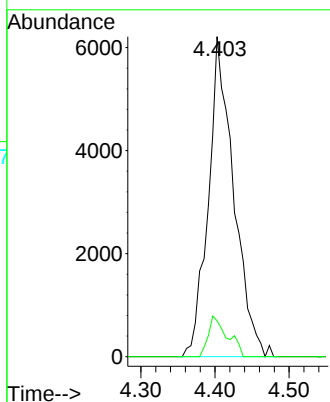
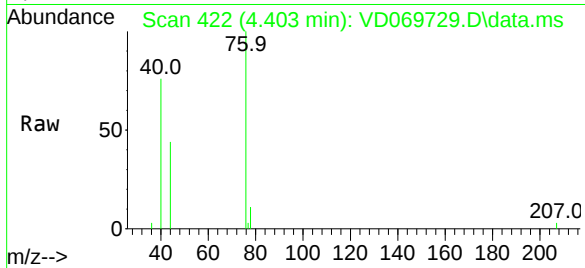




#17
Carbon Disulfide
Concen: 1.157 ug/l
RT: 4.403 min Scan# 422
Delta R.T. -0.006 min
Lab File: VD069729.D
Acq: 16 Jul 2021 17:05

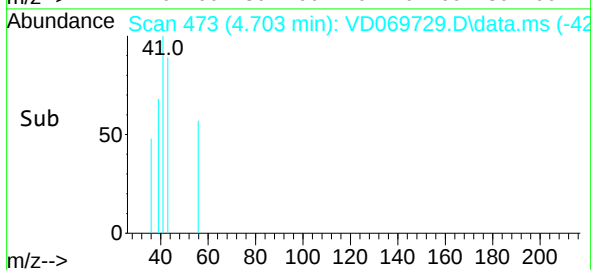
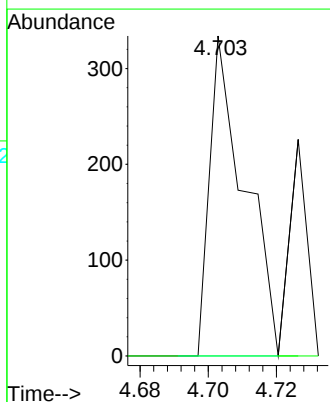
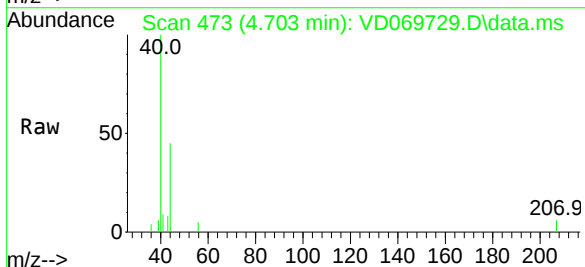
Instrument :
MSVOA_D
ClientSampleId :

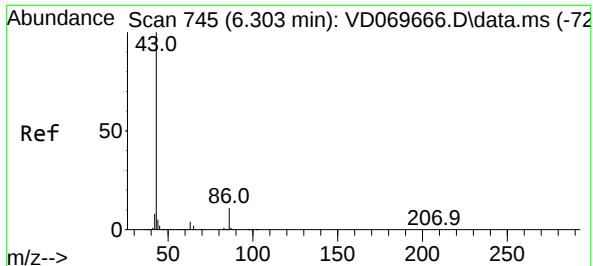
Tgt Ion: 76 Resp: 14788
Ion Ratio Lower Upper
76 100
78 11.2 7.6 11.4



#18
Methyl Acetate
Concen: Below Cal
RT: 4.703 min Scan# 473
Delta R.T. -0.011 min
Lab File: VD069729.D
Acq: 16 Jul 2021 17:05

Tgt Ion: 43 Resp: 238
Ion Ratio Lower Upper
43 100
74 0.0 20.6 30.8#

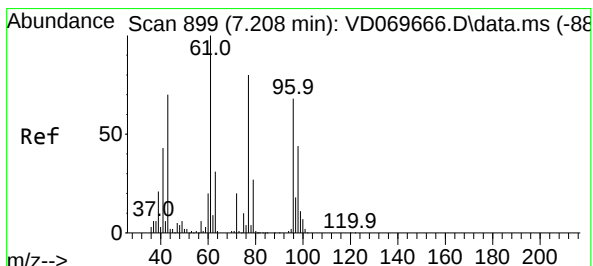
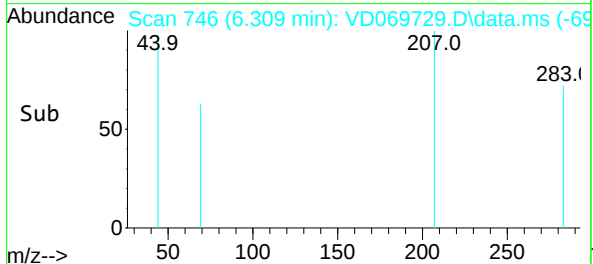
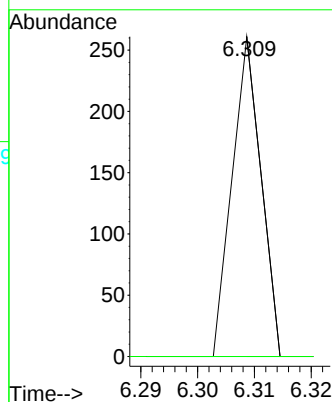
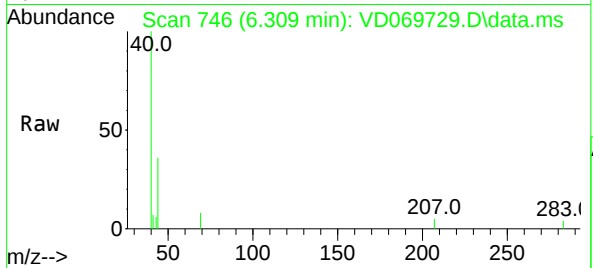




#23
 Vinyl Acetate
 Concen: 15.433 ug/l
 RT: 6.309 min Scan# 746
 Delta R.T. 0.006 min
 Lab File: VD069729.D
 Acq: 16 Jul 2021 17:05

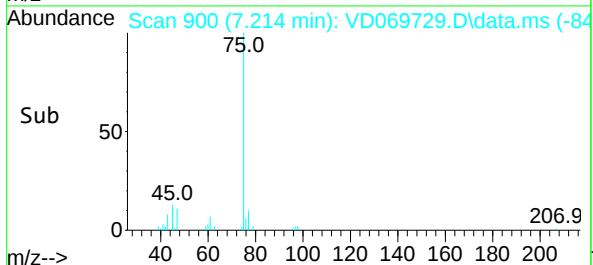
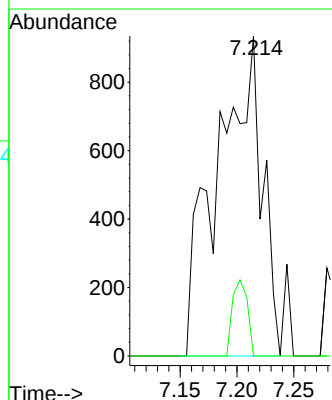
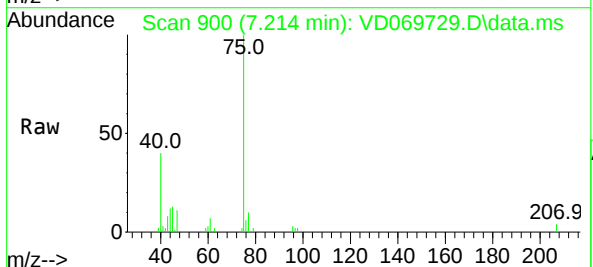
Instrument :
 MSVOA_D
 ClientSampleId :

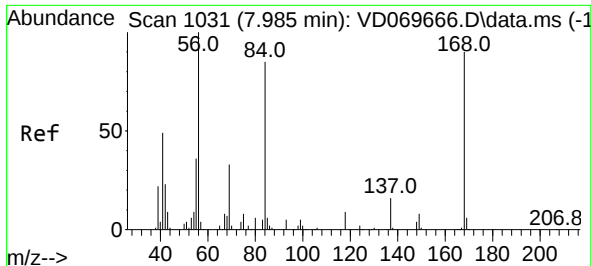
Tgt Ion: 43 Resp: 92
 Ion Ratio Lower Upper
 43 100
 86 0.0 8.6 12.8#



#25
 2-Butanone
 Concen: 1.638 ug/l
 RT: 7.214 min Scan# 900
 Delta R.T. 0.006 min
 Lab File: VD069729.D
 Acq: 16 Jul 2021 17:05

Tgt Ion: 43 Resp: 2551
 Ion Ratio Lower Upper
 43 100
 72 0.0 22.6 33.8#

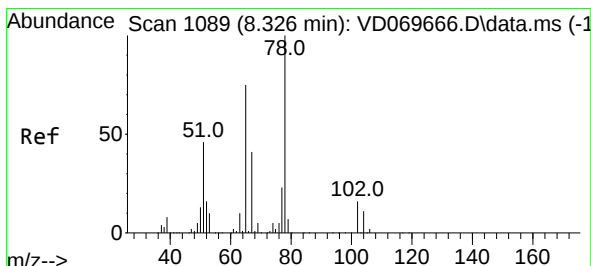
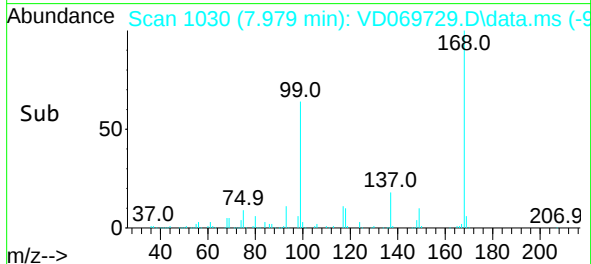
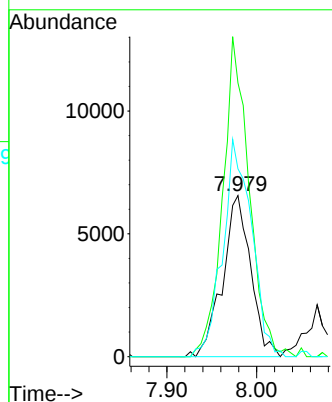
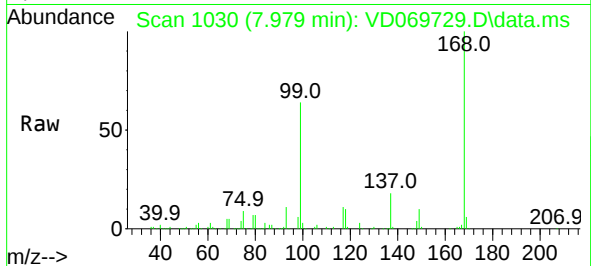




#31
Cyclohexane
Concen: 1.666 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD069729.D
Acq: 16 Jul 2021 17:05

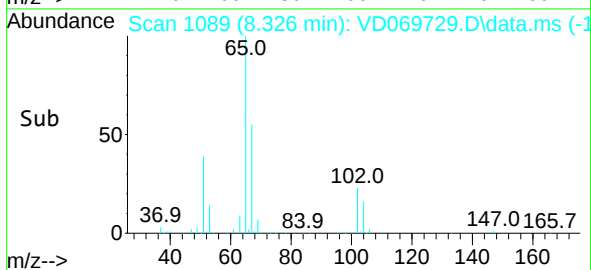
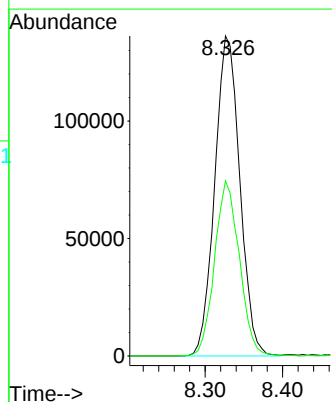
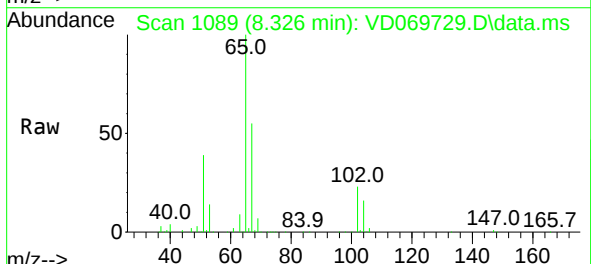
Instrument :
MSVOA_D
ClientSampleId :

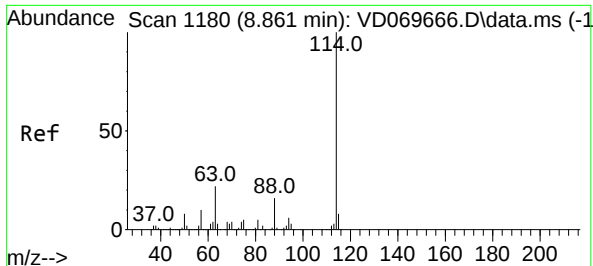
Tgt Ion: 56 Resp: 14267
Ion Ratio Lower Upper
56 100
69 170.0 26.6 39.8#
84 116.7 68.2 102.2#



#33
1,2-Dichloroethane-d4
Concen: 46.514 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD069729.D
Acq: 16 Jul 2021 17:05

Tgt Ion: 65 Resp: 306577
Ion Ratio Lower Upper
65 100
67 54.2 0.0 107.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD069729.D

Acq: 16 Jul 2021 17:05

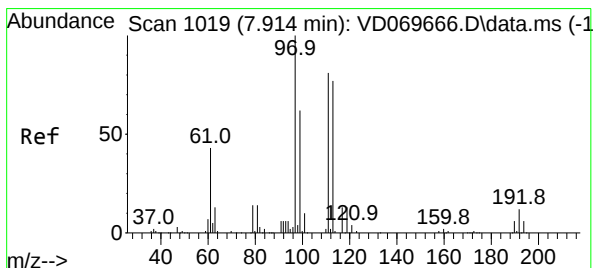
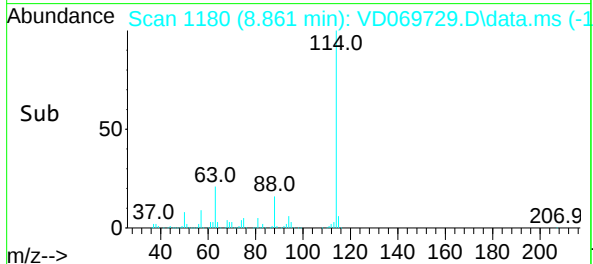
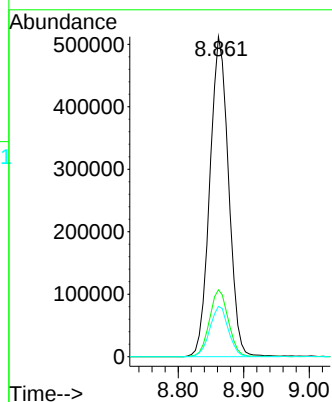
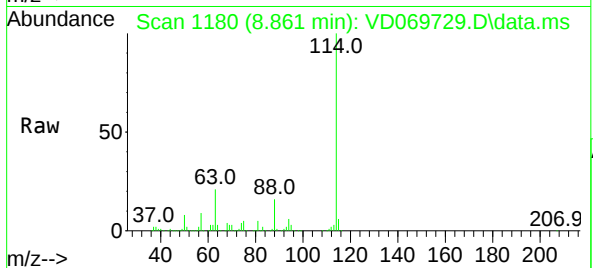
Tgt Ion:114 Resp: 1015154

Ion Ratio Lower Upper

114 100

63 20.9 0.0 43.4

88 15.7 0.0 32.0



#35

Dibromofluoromethane

Concen: 48.243 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD069729.D

Acq: 16 Jul 2021 17:05

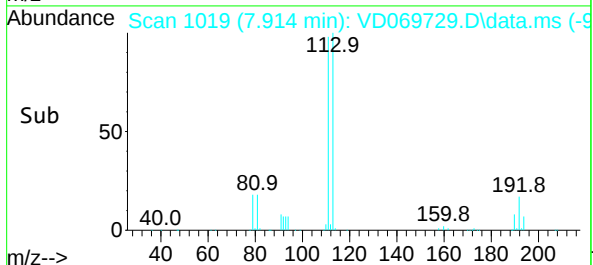
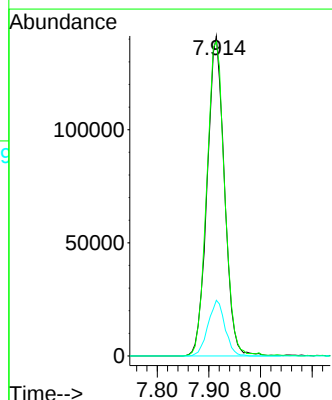
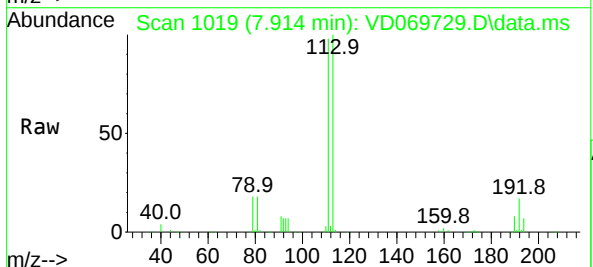
Tgt Ion:113 Resp: 328558

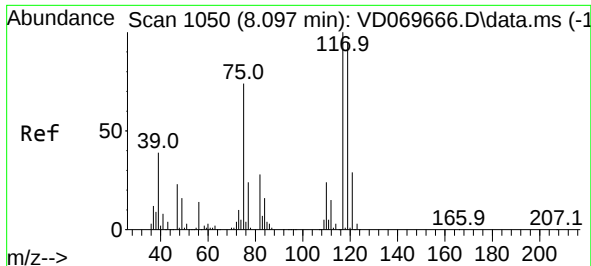
Ion Ratio Lower Upper

113 100

111 101.0 82.6 123.8

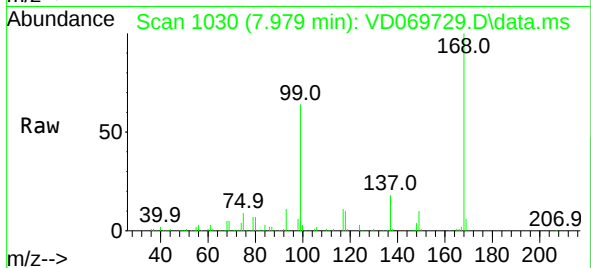
192 17.0 12.7 19.1



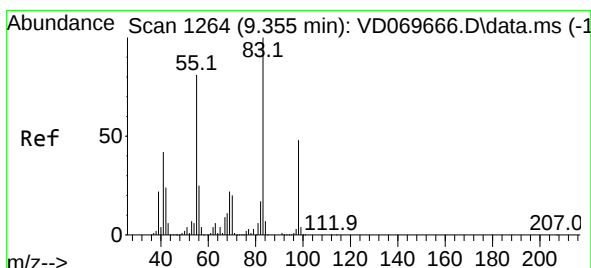
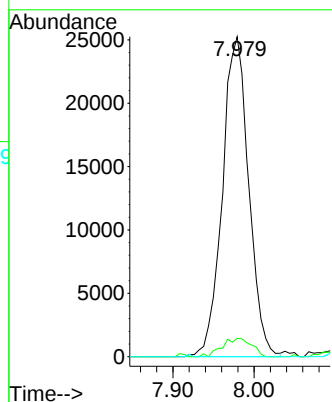
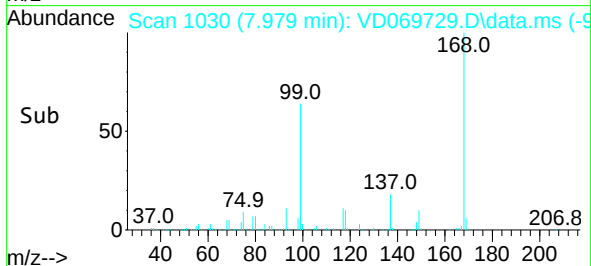


#38
Carbon Tetrachloride
Concen: 5.933 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD069729.D
Acq: 16 Jul 2021 17:05

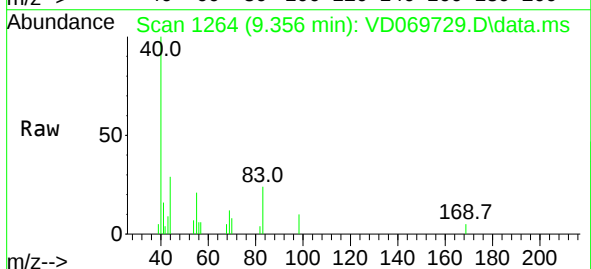
Instrument :
MSVOA_D
ClientSampleId :



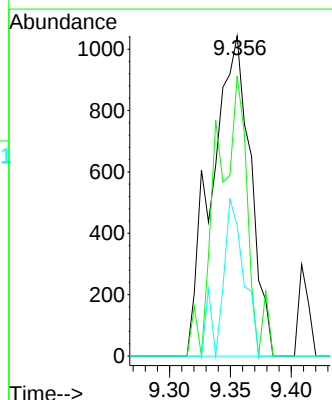
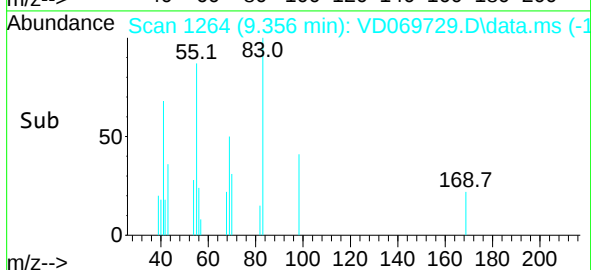
Tgt Ion:117 Resp: 56898
Ion Ratio Lower Upper
117 100
119 5.7 75.7 113.5#
121 0.0 23.0 34.6#

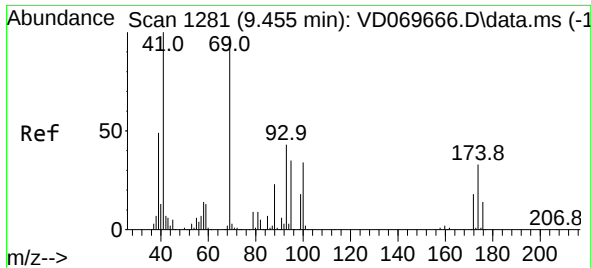


#39
Methylcyclohexane
Concen: 2.136 ug/l
RT: 9.356 min Scan# 1264
Delta R.T. 0.001 min
Lab File: VD069729.D
Acq: 16 Jul 2021 17:05



Tgt Ion: 83 Resp: 2310
Ion Ratio Lower Upper
83 100
55 87.4 64.6 97.0
98 40.7 38.4 57.6

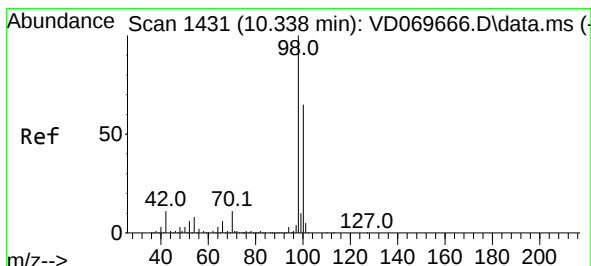
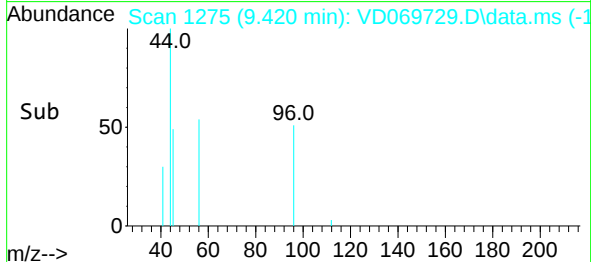
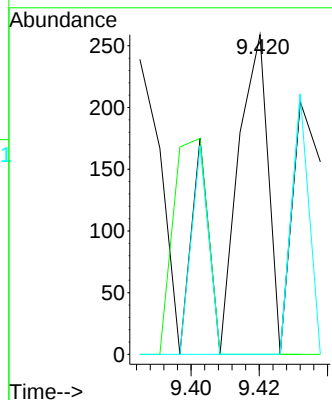
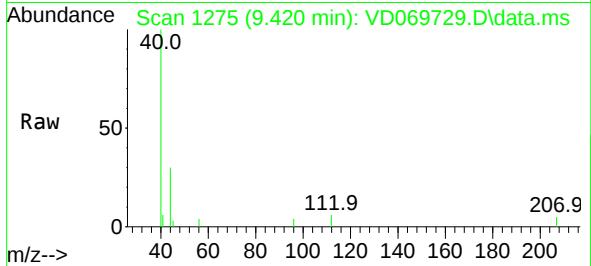




#48
Methyl methacrylate
Concen: 1.159 ug/l
RT: 9.420 min Scan# 1275
Delta R.T. -0.035 min
Lab File: VD069729.D
Acq: 16 Jul 2021 17:05

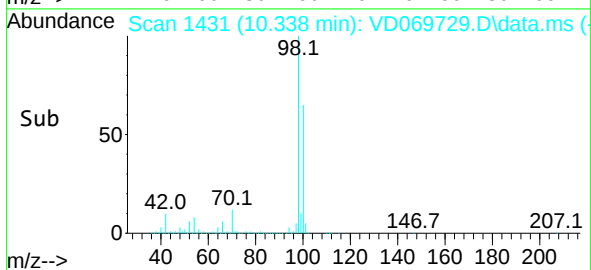
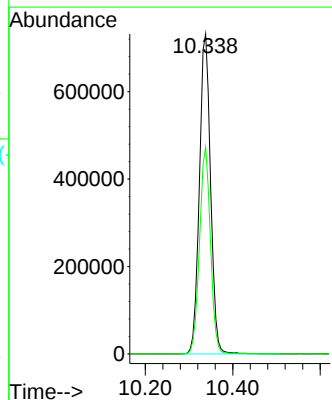
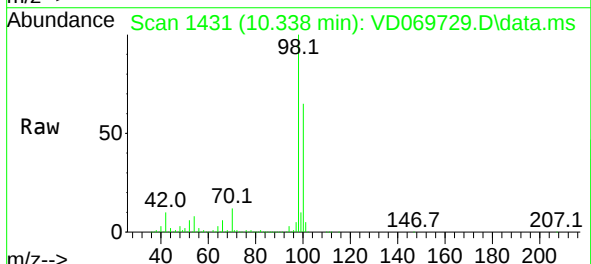
Instrument :
MSVOA_D
ClientSampleId :

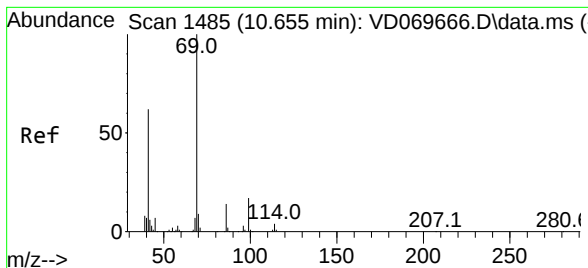
Tgt Ion: 41 Resp: 217
Ion Ratio Lower Upper
41 100
69 0.0 71.6 107.4#
39 34.1 36.7 55.1#



#50
Toluene-d8
Concen: 49.176 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069729.D
Acq: 16 Jul 2021 17:05

Tgt Ion: 98 Resp: 1301142
Ion Ratio Lower Upper
98 100
100 63.5 52.2 78.2

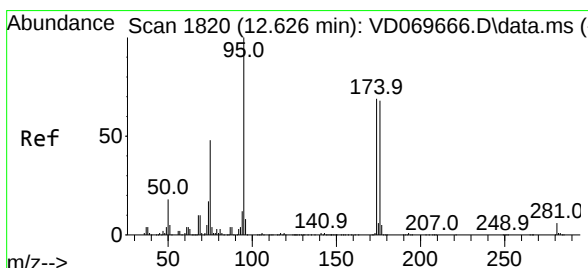
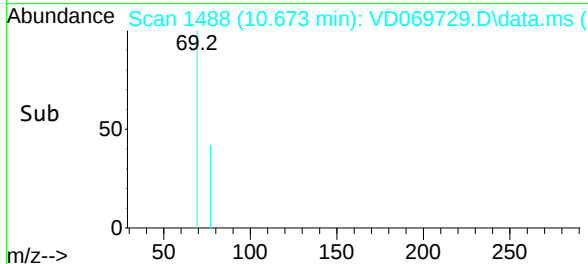
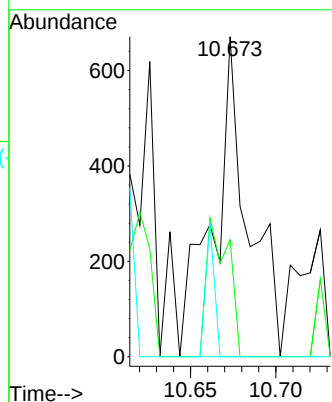
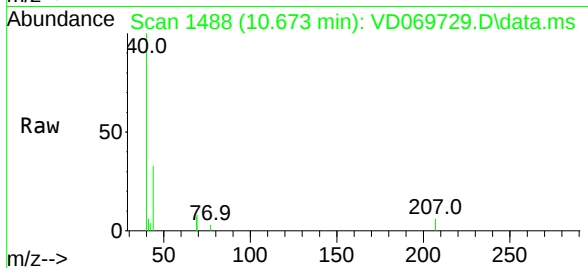




#56
Ethyl methacrylate
Concen: 1.797 ug/l
RT: 10.673 min Scan# 1488
Delta R.T. 0.018 min
Lab File: VD069729.D
Acq: 16 Jul 2021 17:05

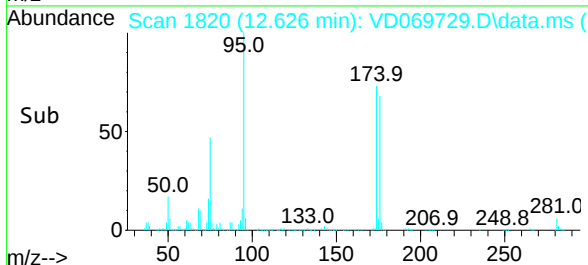
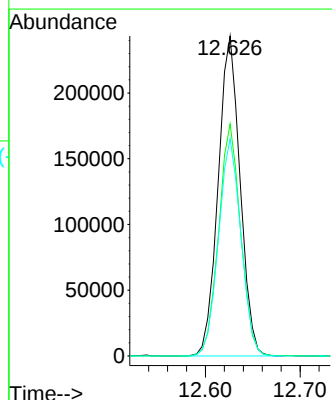
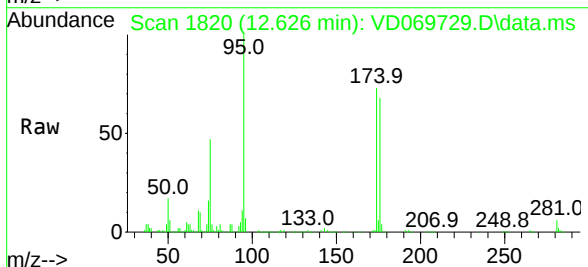
Instrument :
MSVOA_D
ClientSampleId :

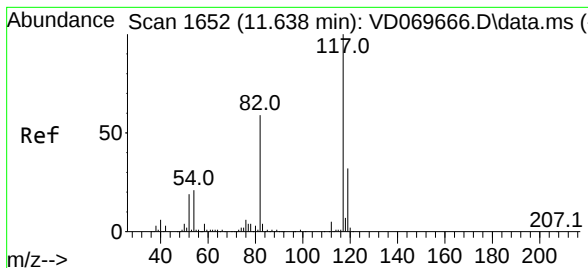
Tgt Ion: 69 Resp: 948
Ion Ratio Lower Upper
69 100
41 27.2 49.5 74.3#
39 10.4 22.5 33.7#



#62
4-Bromofluorobenzene
Concen: 44.323 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069729.D
Acq: 16 Jul 2021 17:05

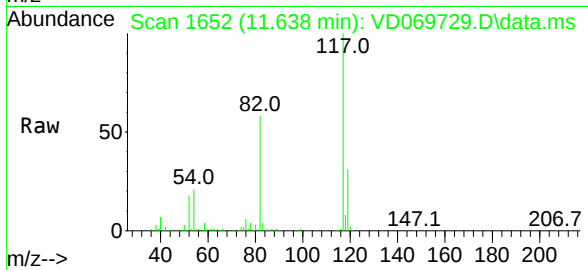
Tgt Ion: 95 Resp: 391116
Ion Ratio Lower Upper
95 100
174 72.6 0.0 140.0
176 69.3 0.0 136.2



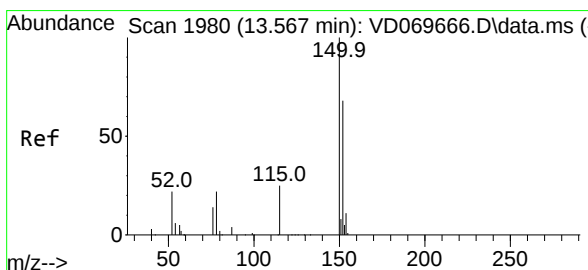
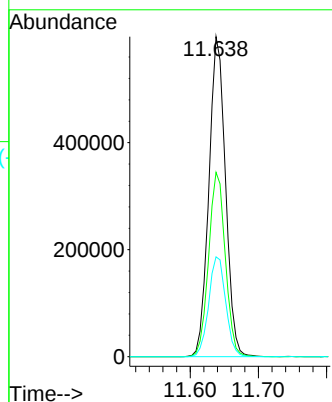
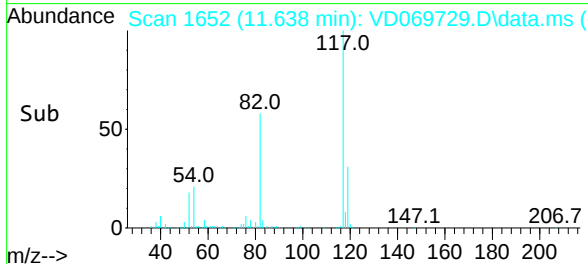


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069729.D
Acq: 16 Jul 2021 17:05

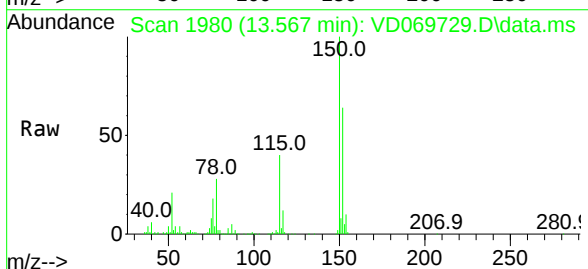
Instrument :
MSVOA_D
ClientSampleId :



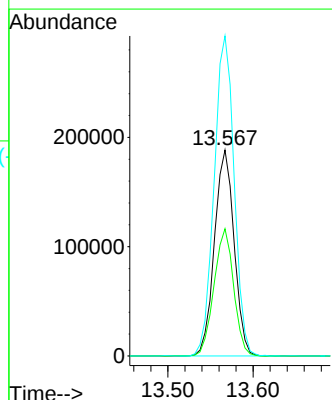
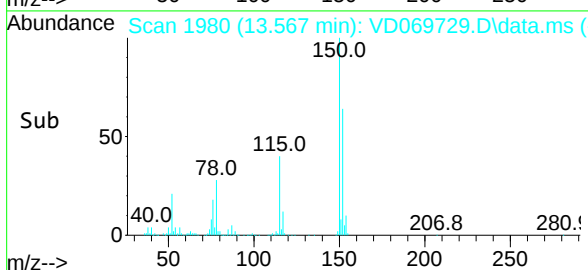
Tgt Ion:117 Resp: 1013622
Ion Ratio Lower Upper
117 100
82 57.6 47.4 71.2
119 31.2 25.5 38.3

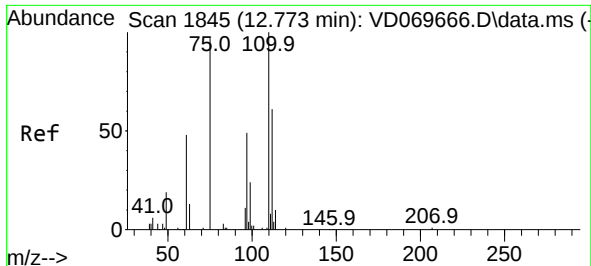


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD069729.D
Acq: 16 Jul 2021 17:05



Tgt Ion:152 Resp: 302431
Ion Ratio Lower Upper
152 100
115 61.6 31.7 95.1
150 158.1 0.0 350.4

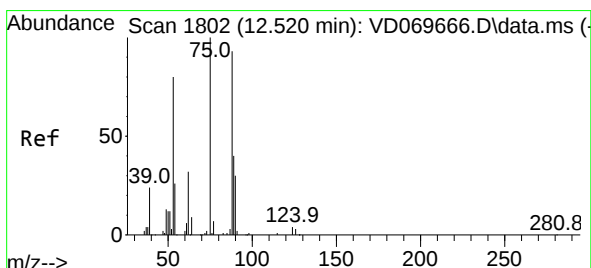
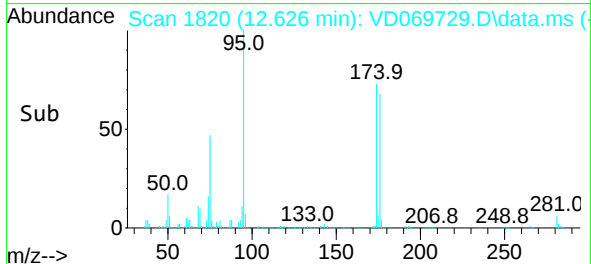
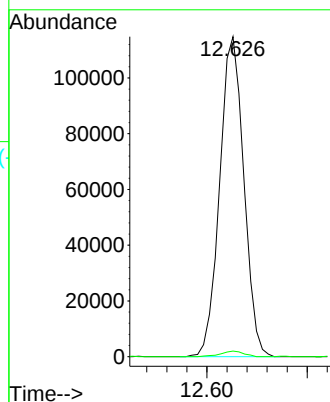
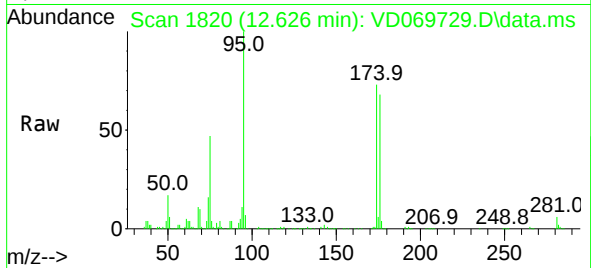




#76
1,2,3-Trichloropropane
Concen: 65.153 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD069729.D
Acq: 16 Jul 2021 17:05

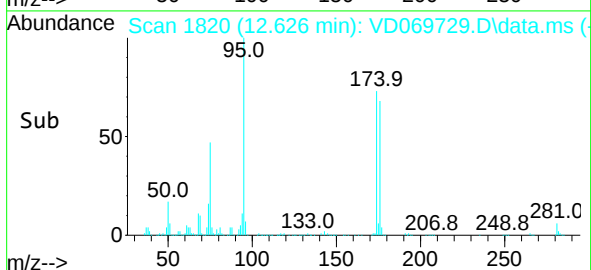
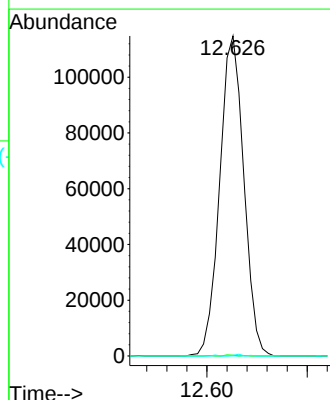
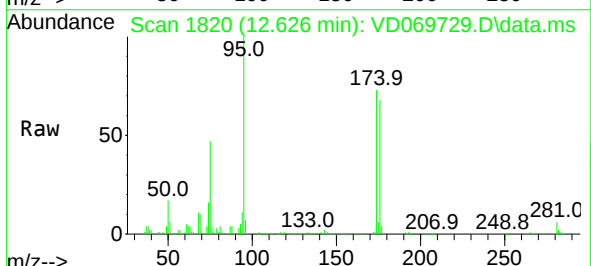
Instrument :
MSVOA_D
ClientSampleId :

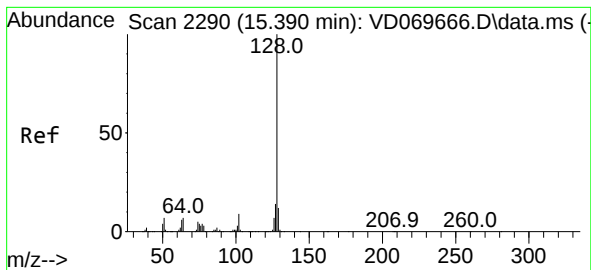
Tgt Ion: 75 Resp: 191421
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 175.095 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD069729.D
Acq: 16 Jul 2021 17:05

Tgt Ion: 75 Resp: 191421
Ion Ratio Lower Upper
75 100
53 0.2 70.6 106.0#
89 0.2 35.1 52.7#





#95
Naphthalene
Concen: 2.277 ug/l
RT: 15.391 min Scan# 2290
Delta R.T. 0.001 min
Lab File: VD069729.D
Acq: 16 Jul 2021 17:05

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 722
Ion Ratio Lower Upper
128 100
127 0.0 10.6 16.0#
129 0.0 8.8 13.2#

