

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092821\
 Data File : VD070492.D
 Acq On : 28 Sep 2021 10:14
 Operator : VA/SY
 Sample : VD0928SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0928SBL01

Quant Time: Sep 28 23:39:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 09 03:07:09 2021
 Response via : Initial Calibration

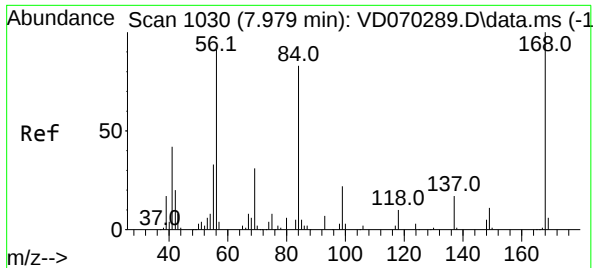
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.979	168	299330	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	582021	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	538923	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	221320	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	200675	52.212	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.420%	
35) Dibromofluoromethane	7.914	113	205046	49.493	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.980%	
50) Toluene-d8	10.338	98	683092	45.413	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 90.820%	
62) 4-Bromofluorobenzene	12.626	95	205660	39.122	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 78.240%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.991	85	891	Below Cal		88
3) Chloromethane	2.209	50	1536	Below Cal		89
5) Bromomethane	2.785	94	2101	Below Cal	#	77
6) Chloroethane	2.932	64	621	Below Cal	#	74
10) Methyl Iodide	4.303	142	744	1.226 ug/l	#	39
16) Acetone	4.156	43	1456	2.122 ug/l	#	36
18) Methyl Acetate	4.703	43	56	Below Cal	#	48
20) Methylene Chloride	4.956	84	7692	Below Cal	#	84
31) Cyclohexane	7.973	56	7757	1.172 ug/l	#	11
38) Carbon Tetrachloride	7.979	117	31967	5.196 ug/l	#	17
76) 1,2,3-Trichloropropane	12.620	75	99488	44.440 ug/l	#	1
81) trans-1,4-Dichloro-2-b...	12.620	75	99488	111.350 ug/l	#	17

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

Quant Time: Sep 28 23:39:22 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.M
Quant Title : SW846 8260
QLast Update : Thu Sep 09 03:07:09 2021
Response via : Initial Calibration

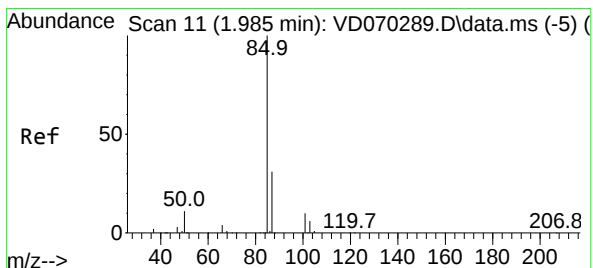
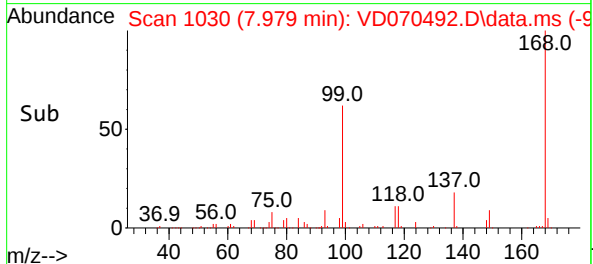
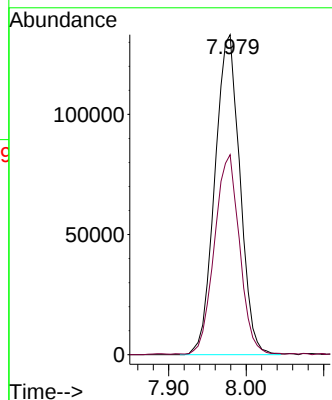
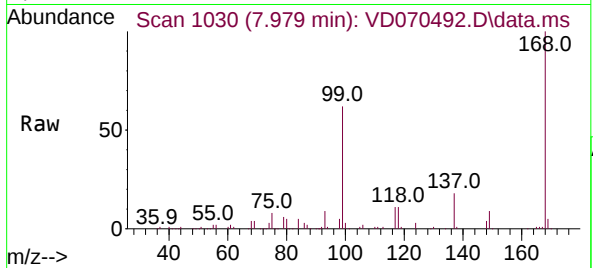




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070492.D
Acq: 28 Sep 2021 10:14

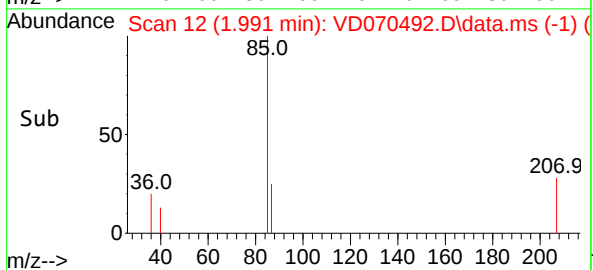
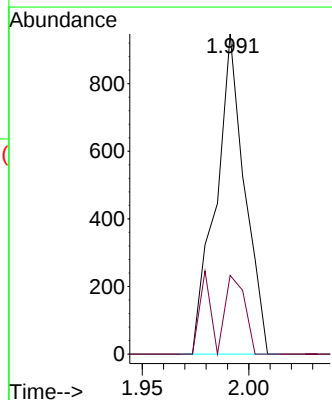
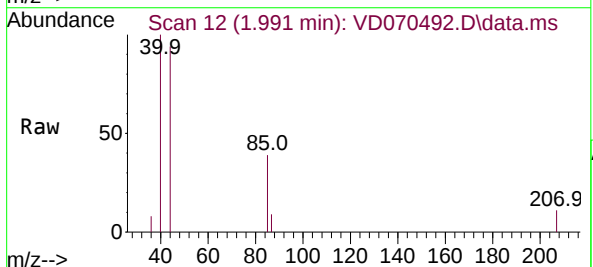
Instrument :
MSVOA_D
ClientSampleId :
VD0928SBL01

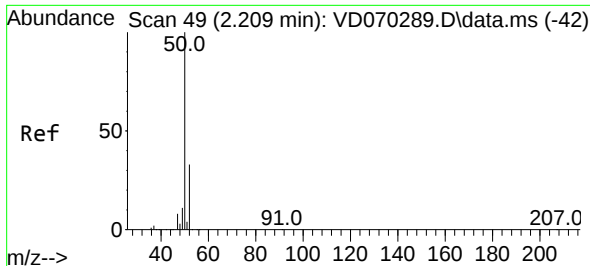
Tgt Ion:168 Resp: 299330
Ion Ratio Lower Upper
168 100
99 62.2 50.8 76.2



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.991 min Scan# 12
Delta R.T. 0.006 min
Lab File: VD070492.D
Acq: 28 Sep 2021 10:14

Tgt Ion: 85 Resp: 891
Ion Ratio Lower Upper
85 100
87 24.6 15.6 46.8

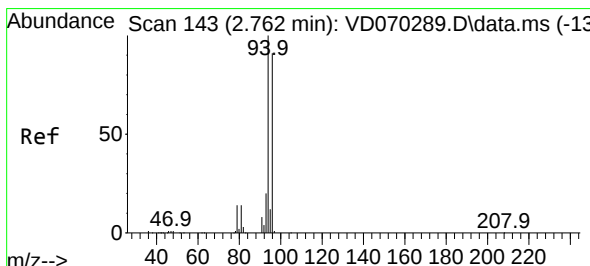
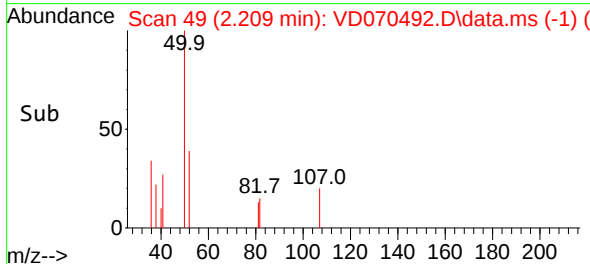
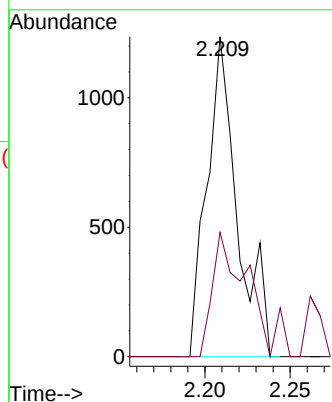
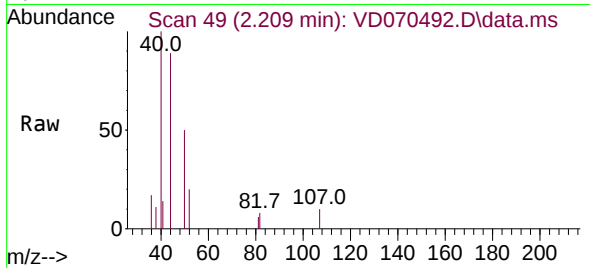




#3
Chloromethane
Concen: Below Cal
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD070492.D
Acq: 28 Sep 2021 10:14

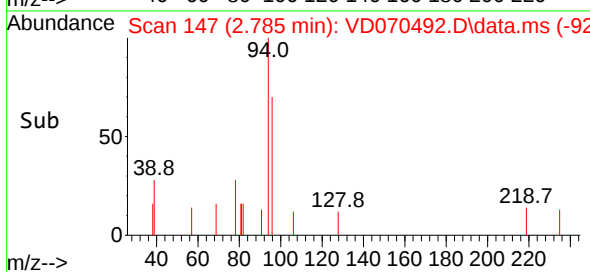
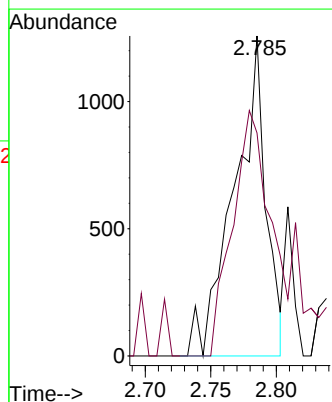
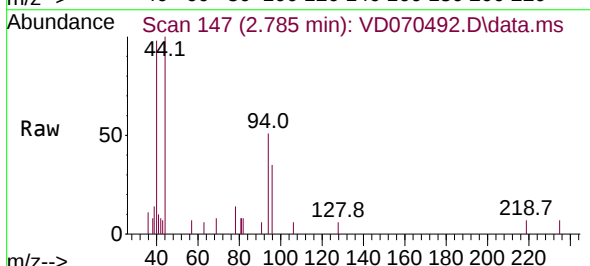
Instrument :
MSVOA_D
ClientSampleId :
VD0928SBL01

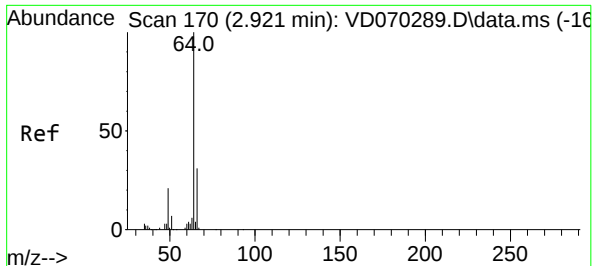
Tgt Ion: 50 Resp: 1536
Ion Ratio Lower Upper
50 100
52 38.8 26.2 39.2



#5
Bromomethane
Concen: Below Cal
RT: 2.785 min Scan# 147
Delta R.T. 0.023 min
Lab File: VD070492.D
Acq: 28 Sep 2021 10:14

Tgt Ion: 94 Resp: 2101
Ion Ratio Lower Upper
94 100
96 69.7 73.0 109.6#

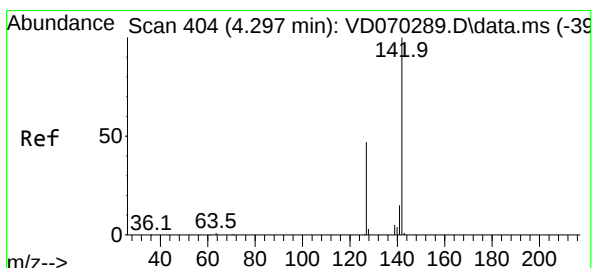
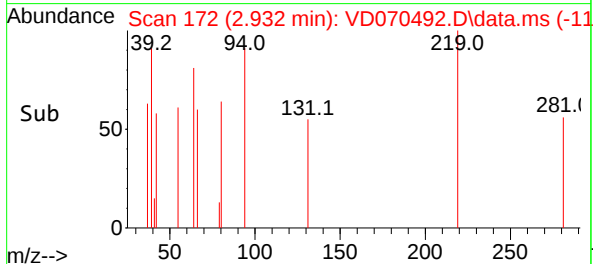
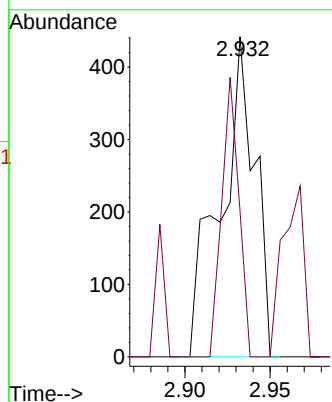
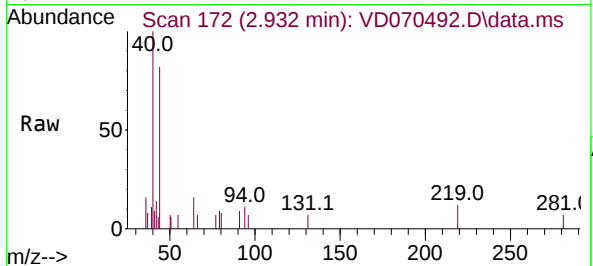




#6
Chloroethane
Concen: Below Cal
RT: 2.932 min Scan# 172
Delta R.T. 0.011 min
Lab File: VD070492.D
Acq: 28 Sep 2021 10:14

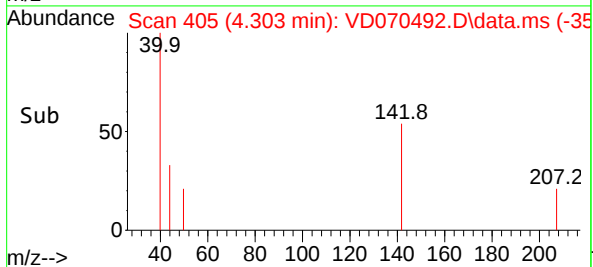
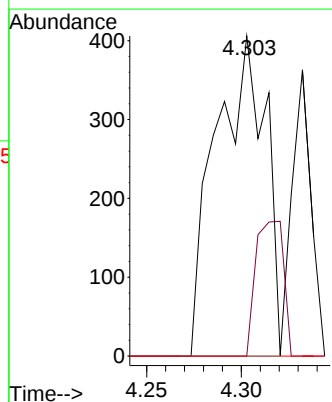
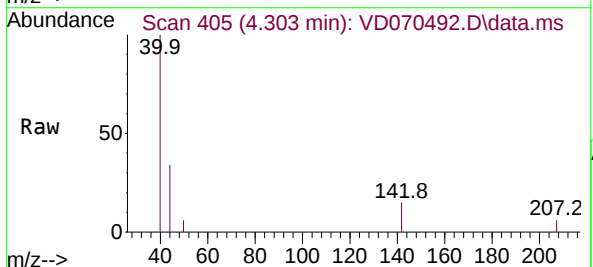
Instrument :
MSVOA_D
ClientSampleId :
VD0928SBL01

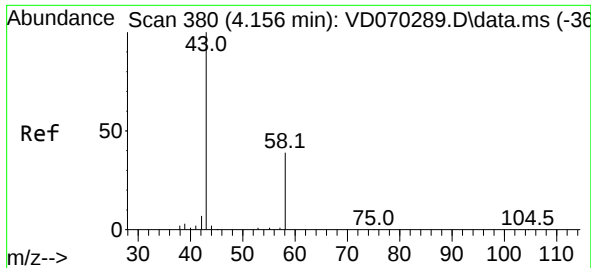
Tgt Ion: 64 Resp: 621
Ion Ratio Lower Upper
64 100
66 45.5 25.0 37.4#



#10
Methyl Iodide
Concen: 1.226 ug/l
RT: 4.303 min Scan# 405
Delta R.T. 0.006 min
Lab File: VD070492.D
Acq: 28 Sep 2021 10:14

Tgt Ion: 142 Resp: 744
Ion Ratio Lower Upper
142 100
127 0.0 36.9 55.3#
141 0.0 11.8 17.6#

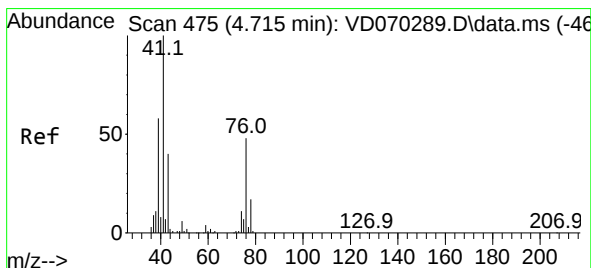
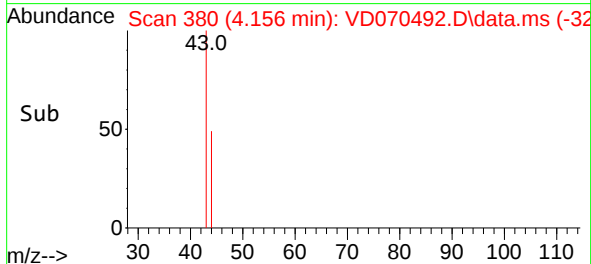
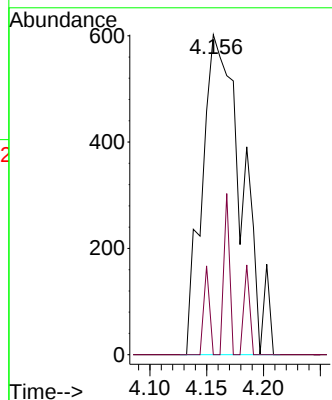
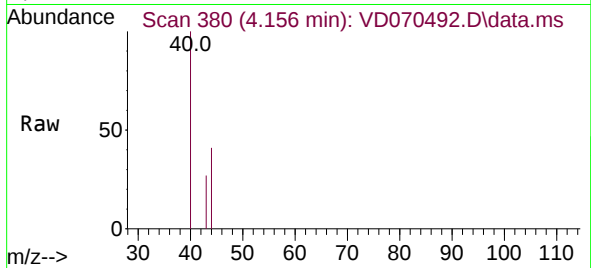




#16
Acetone
Concen: 2.122 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD070492.D
Acq: 28 Sep 2021 10:14

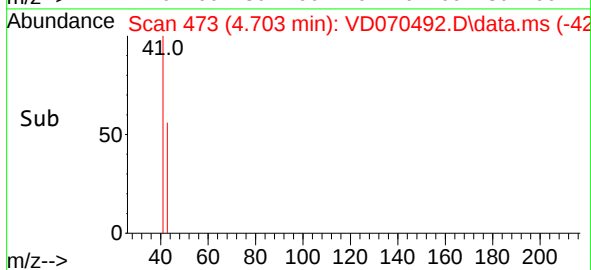
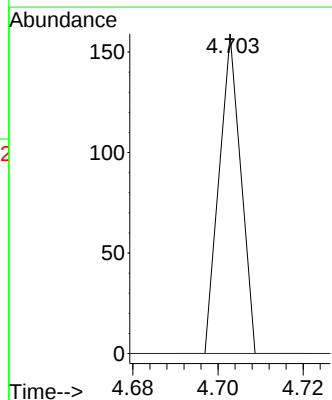
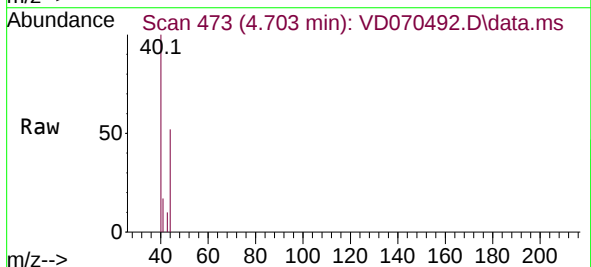
Instrument :
MSVOA_D
ClientSampleId :
VD0928SBL01

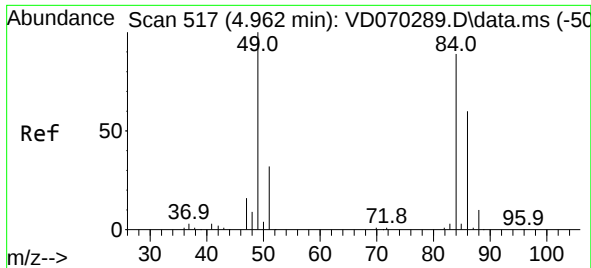
Tgt Ion: 43 Resp: 1456
Ion Ratio Lower Upper
43 100
58 0.0 30.9 46.3#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.703 min Scan# 473
Delta R.T. -0.012 min
Lab File: VD070492.D
Acq: 28 Sep 2021 10:14

Tgt Ion: 43 Resp: 56
Ion Ratio Lower Upper
43 100
74 0.0 21.6 32.4#

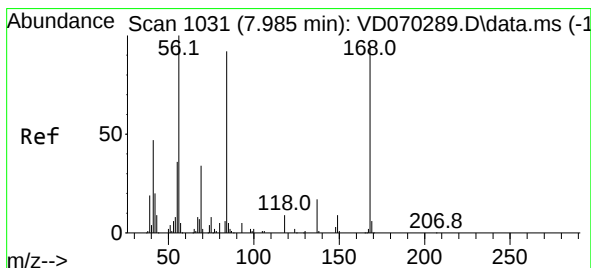
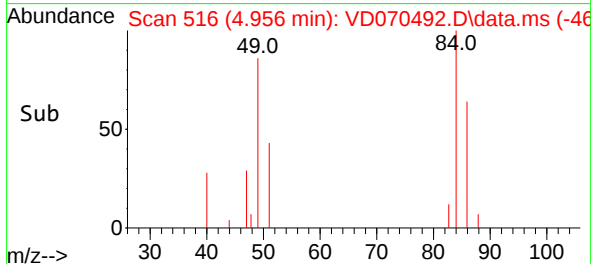
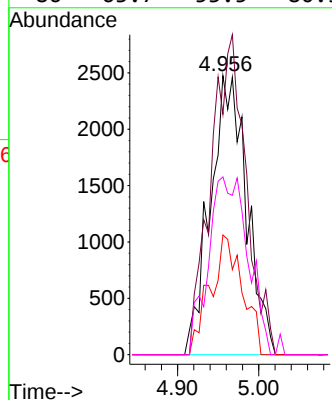
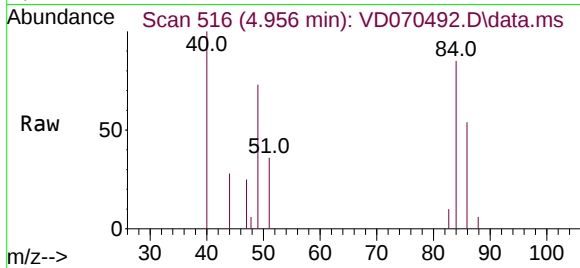




#20
Methylene Chloride
Concen: Below Cal
RT: 4.956 min Scan# 516
Delta R.T. -0.006 min
Lab File: VD070492.D
Acq: 28 Sep 2021 10:14

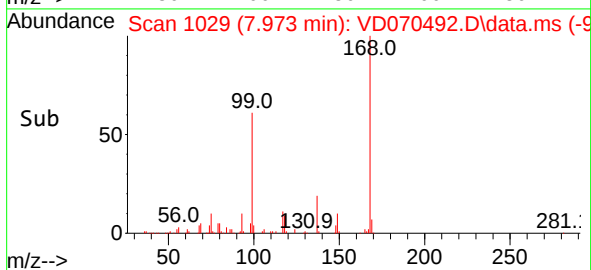
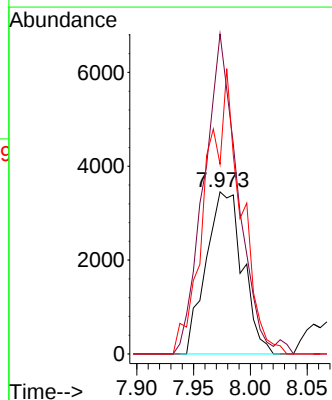
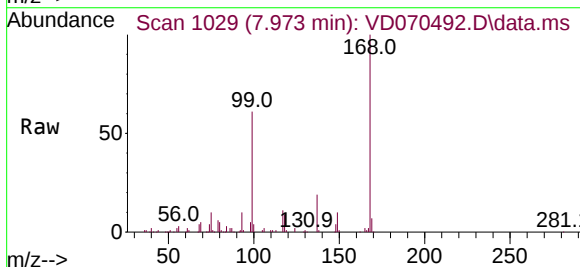
Instrument :
MSVOA_D
ClientSampleId :
VD0928SBL01

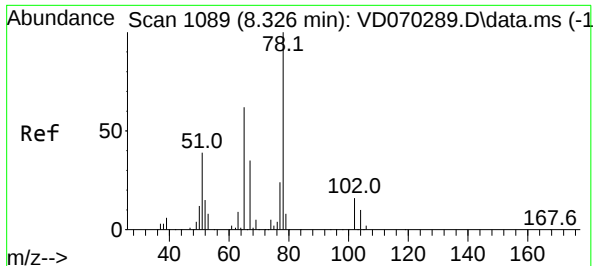
Tgt Ion:	84	Resp:	7692
Ion	Ratio	Lower	Upper
84	100		
49	86.1	89.6	134.4#
51	42.9	28.6	43.0
86	63.7	53.5	80.3



#31
Cyclohexane
Concen: 1.172 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD070492.D
Acq: 28 Sep 2021 10:14

Tgt Ion:	56	Resp:	7757
Ion	Ratio	Lower	Upper
56	100		
69	191.3	26.9	40.3#
84	112.1	73.6	110.4#

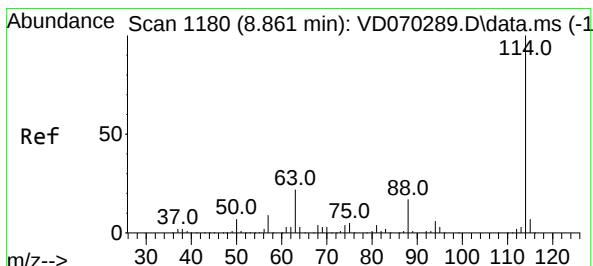
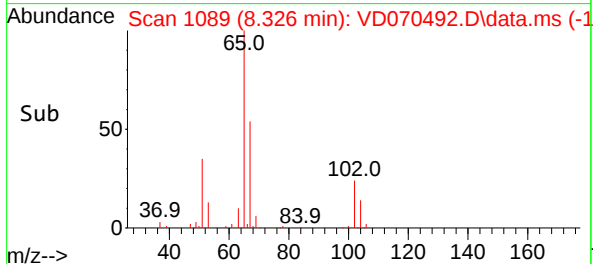
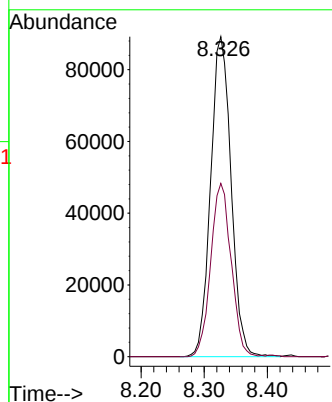
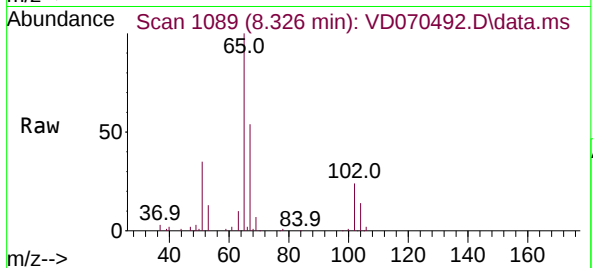




#33
1,2-Dichloroethane-d4
Concen: 52.212 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070492.D
Acq: 28 Sep 2021 10:14

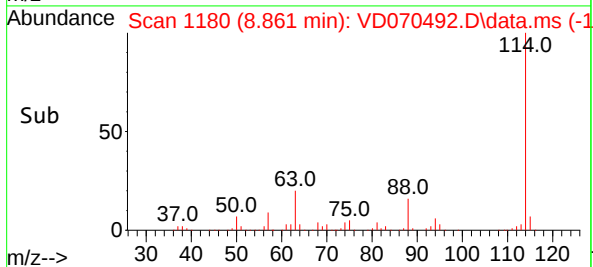
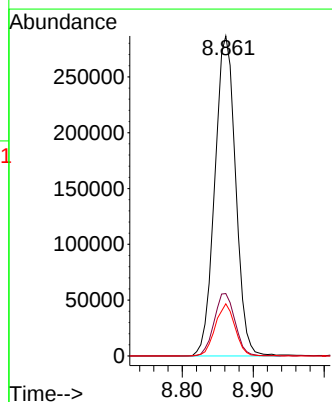
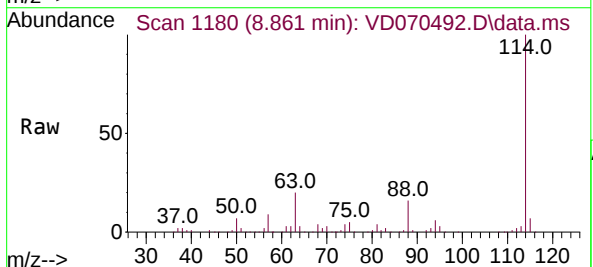
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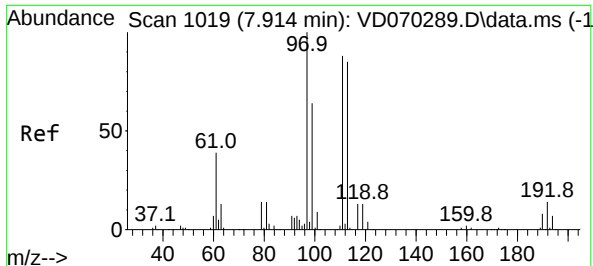
Tgt Ion: 65 Resp: 200675
Ion Ratio Lower Upper
65 100
67 54.1 0.0 111.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070492.D
Acq: 28 Sep 2021 10:14

Tgt Ion: 114 Resp: 582021
Ion Ratio Lower Upper
114 100
63 19.5 0.0 43.4
88 16.3 0.0 33.4





#35

Dibromofluoromethane

Concen: 49.493 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD070492.D

Acq: 28 Sep 2021 10:14

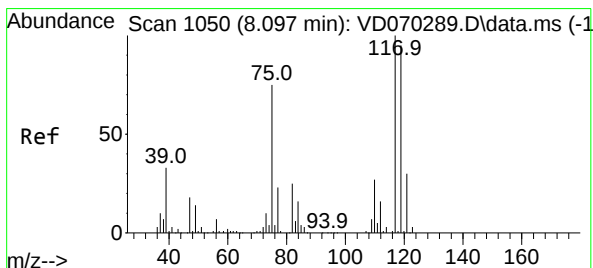
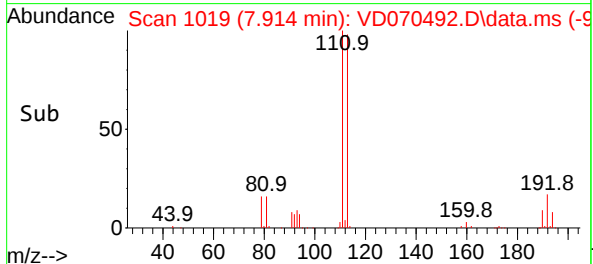
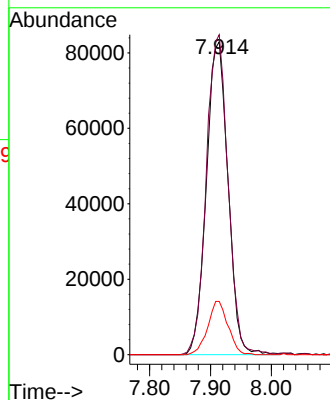
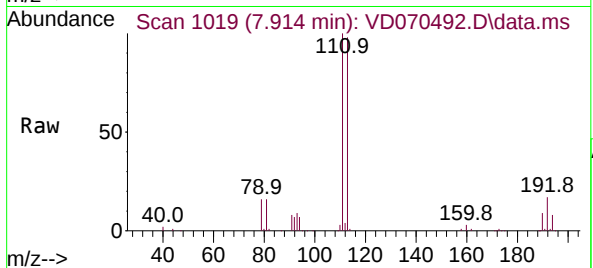
Tgt Ion:113 Resp: 205046

Ion Ratio Lower Upper

113 100

111 102.5 81.4 122.2

192 16.0 13.0 19.6



#38

Carbon Tetrachloride

Concen: 5.196 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.118 min

Lab File: VD070492.D

Acq: 28 Sep 2021 10:14

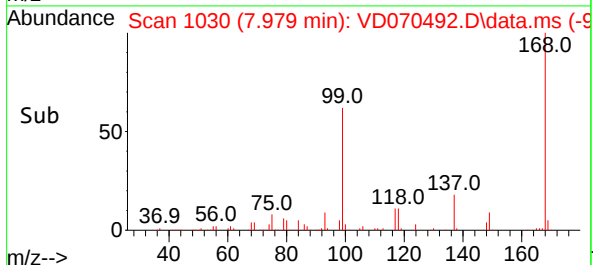
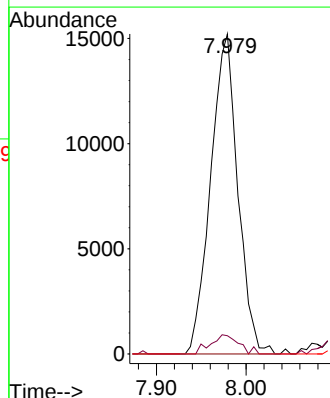
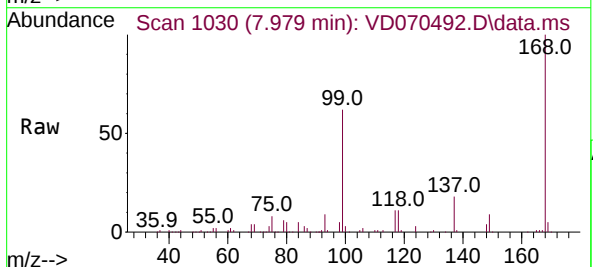
Tgt Ion:117 Resp: 31967

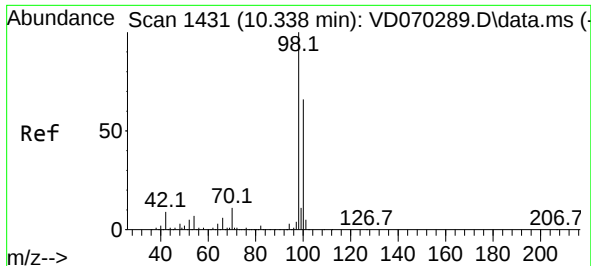
Ion Ratio Lower Upper

117 100

119 5.7 76.1 114.1#

121 0.0 23.8 35.6#

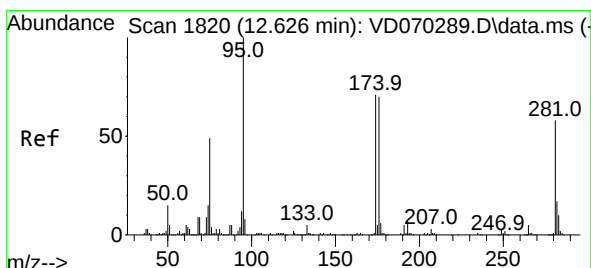
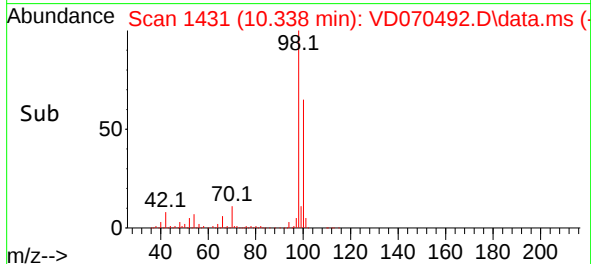
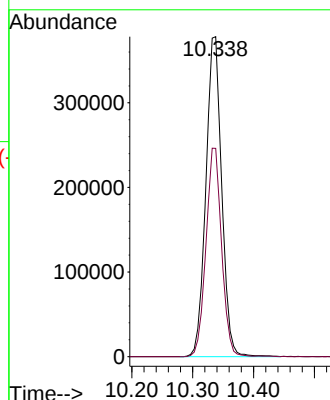
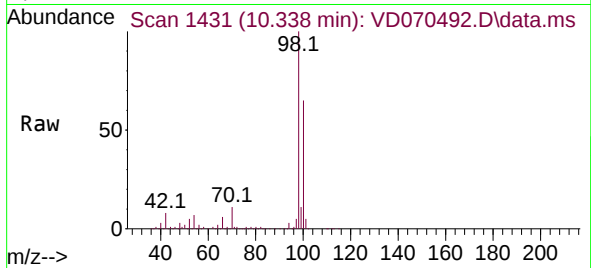




#50
Toluene-d8
Concen: 45.413 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD070492.D
Acq: 28 Sep 2021 10:14

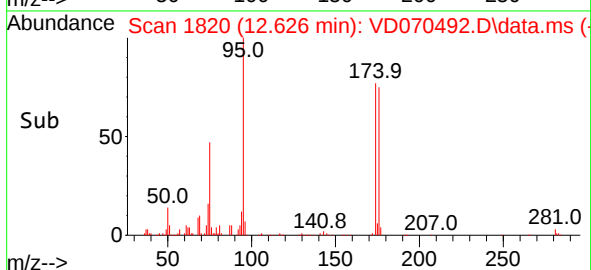
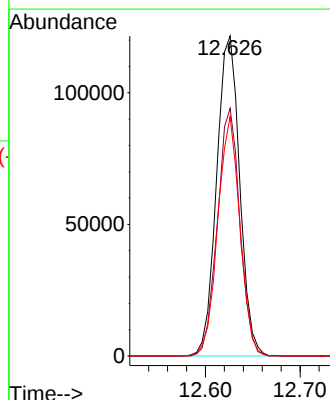
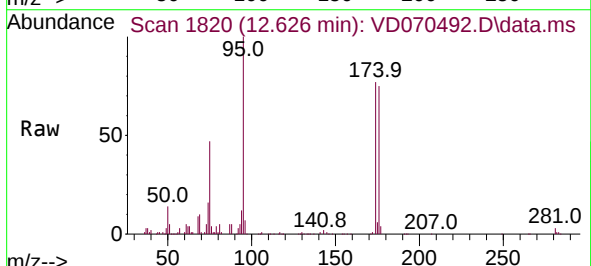
Instrument :
MSVOA_D
ClientSampleId :
VD0928SBL01

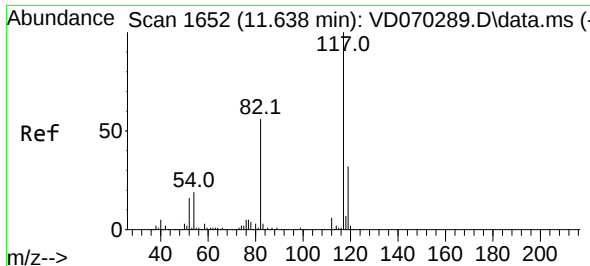
Tgt Ion: 98 Resp: 683092
Ion Ratio Lower Upper
98 100
100 64.4 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 39.122 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD070492.D
Acq: 28 Sep 2021 10:14

Tgt Ion: 95 Resp: 205660
Ion Ratio Lower Upper
95 100
174 75.1 0.0 140.6
176 71.8 0.0 137.4

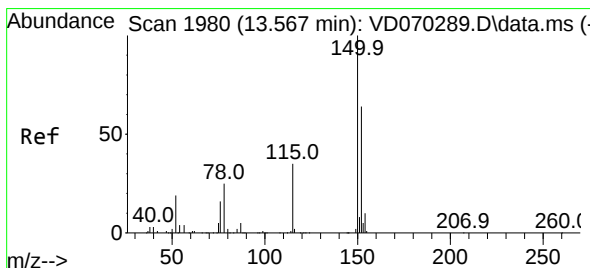
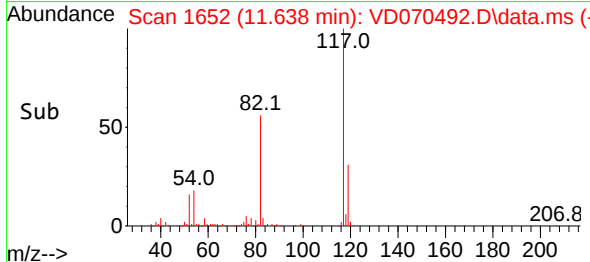
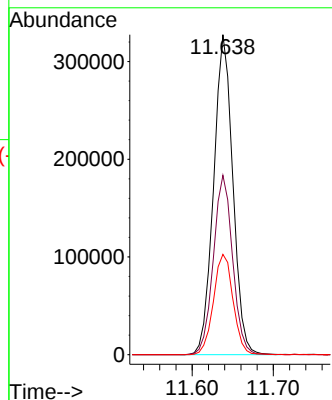
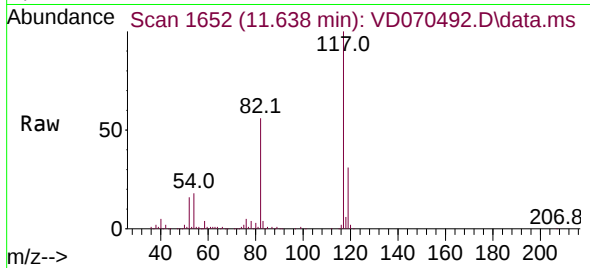




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070492.D
Acq: 28 Sep 2021 10:14

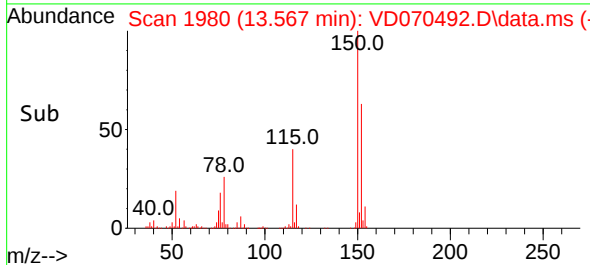
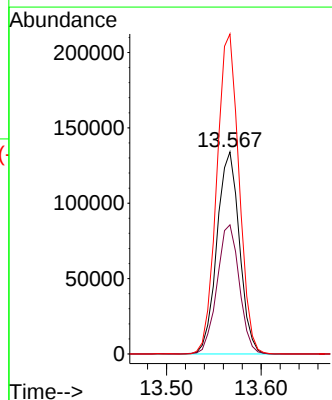
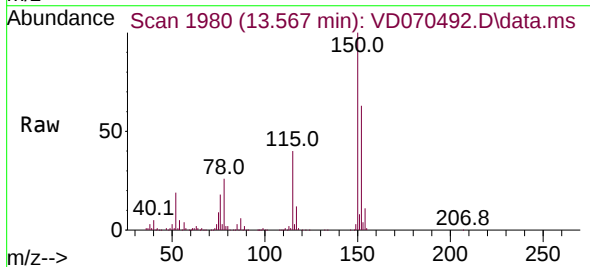
Instrument :
MSVOA_D
ClientSampleId :
VD0928SBL01

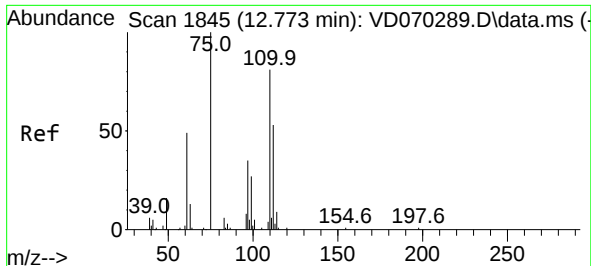
Tgt Ion:117 Resp: 538923
Ion Ratio Lower Upper
117 100
82 56.1 45.0 67.4
119 31.3 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD070492.D
Acq: 28 Sep 2021 10:14

Tgt Ion:152 Resp: 221320
Ion Ratio Lower Upper
152 100
115 63.3 32.1 96.3
150 156.7 0.0 350.6

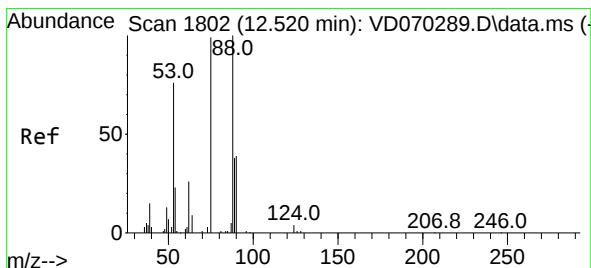
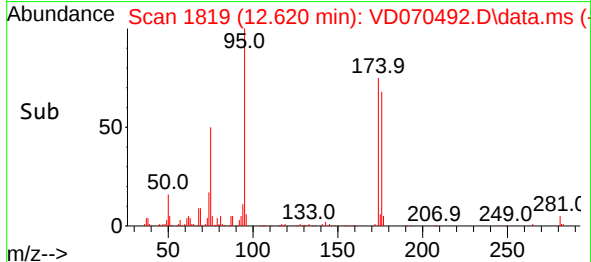
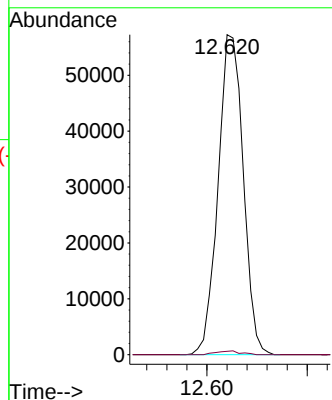
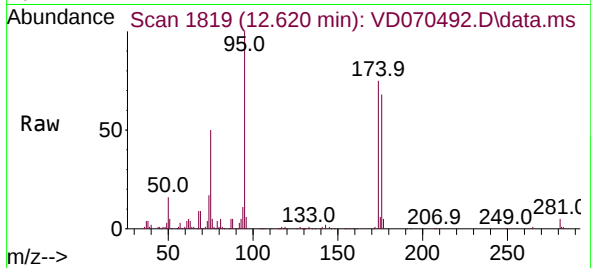




#76
1,2,3-Trichloropropane
Concen: 44.440 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.153 min
Lab File: VD070492.D
Acq: 28 Sep 2021 10:14

Instrument :
MSVOA_D
ClientSampleId :
VD0928SBL01

Tgt Ion: 75 Resp: 99488
Ion Ratio Lower Upper
75 100
77 1.1 174.9 524.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 111.350 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.100 min
Lab File: VD070492.D
Acq: 28 Sep 2021 10:14

Tgt Ion: 75 Resp: 99488
Ion Ratio Lower Upper
75 100
53 0.2 64.2 96.2#
89 0.0 35.6 53.4#

