

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092421\
 Data File : VD070457.D
 Acq On : 24 Sep 2021 16:20
 Operator : VA/SY
 Sample : M3907-01RE
 Misc : 5.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 25 03:09:09 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)

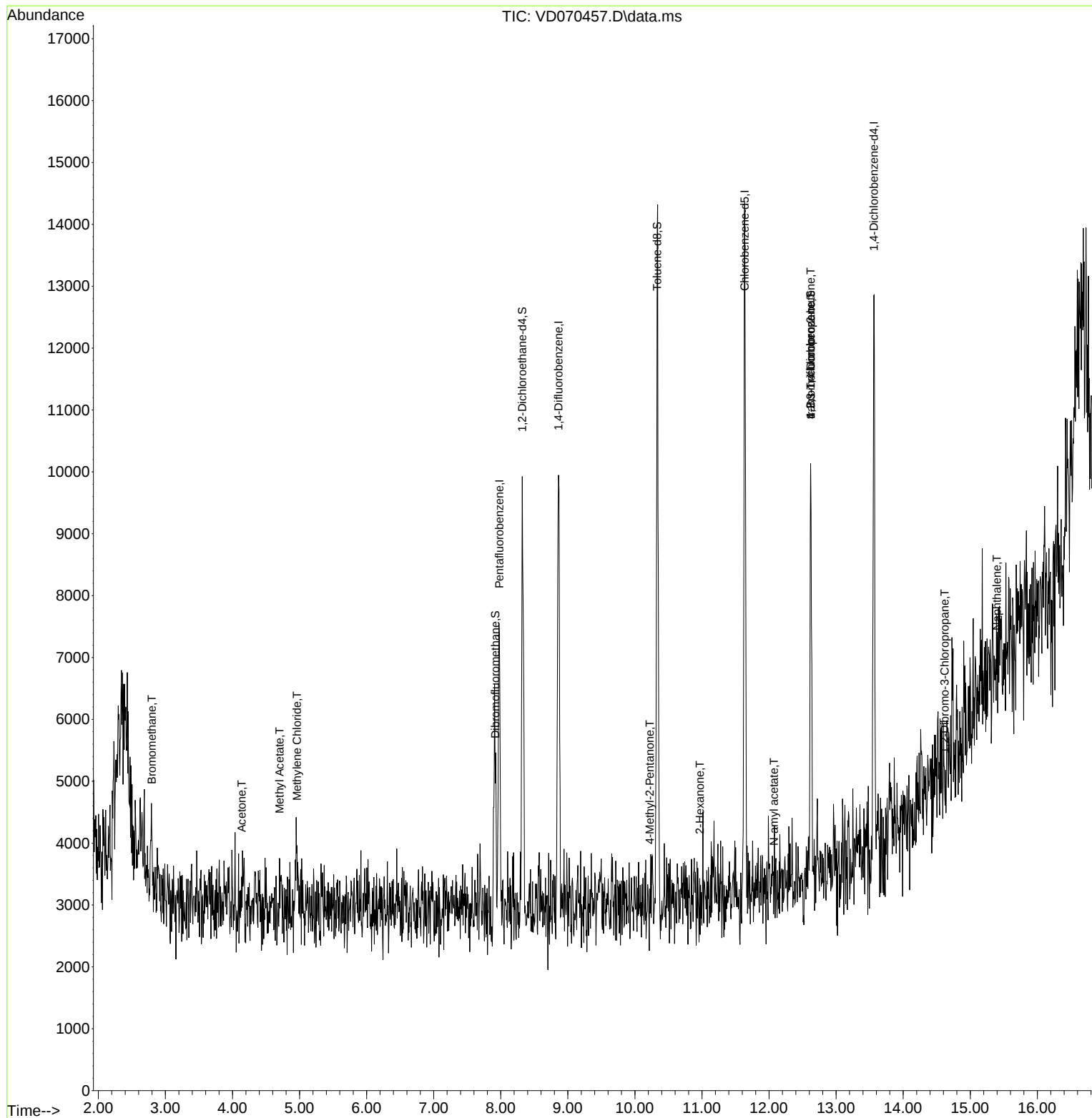
Internal Standards						
1) Pentafluorobenzene	7.979	168	3980	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	7723	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	7404	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	2547	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	4391	85.923	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	171.840%#
35) Dibromofluoromethane	7.920	113	2604	47.368	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.740%
50) Toluene-d8	10.332	98	7756	38.859	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	77.720%
62) 4-Bromofluorobenzene	12.620	95	2503	35.882	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	71.760%
Target Compounds						Qvalue
3) Chloromethane	2.220	50	210	Below Cal	#	42
5) Bromomethane	2.797	94	966	22.546	ug/l #	58
16) Acetone	4.138	43	714	78.256	ug/l #	36
18) Methyl Acetate	4.703	43	68	1.239	ug/l #	48
20) Methylene Chloride	4.961	84	757	7.079	ug/l #	35
51) 4-Methyl-2-Pentanone	10.220	43	68	2.302	ug/l #	32
59) 2-Hexanone	10.967	43	76	3.857	ug/l #	20
74) N-amyl acetate	12.073	43	55	1.413	ug/l #	37
76) 1,2,3-Trichloropropane	12.620	75	1179	45.763	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.620	75	1179	114.663	ug/l #	17
92) 1,2-Dibromo-3-Chloropr...	14.620	75	60	10.472	ug/l #	5
95) Naphthalene	15.396	128	152	2.046	ug/l #	69

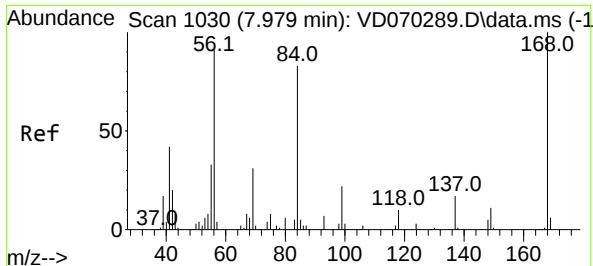
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_D
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Quant Time: Sep 25 03:09:09 2021
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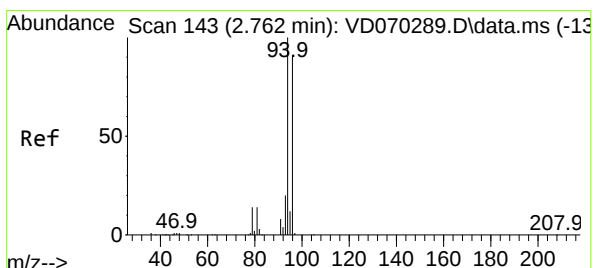
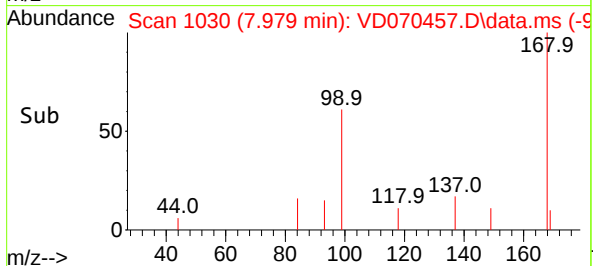
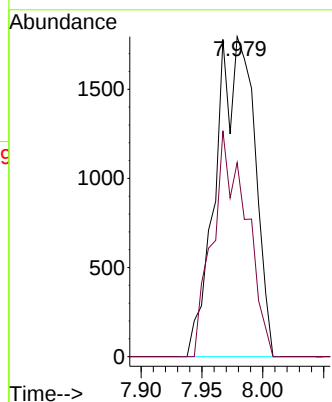
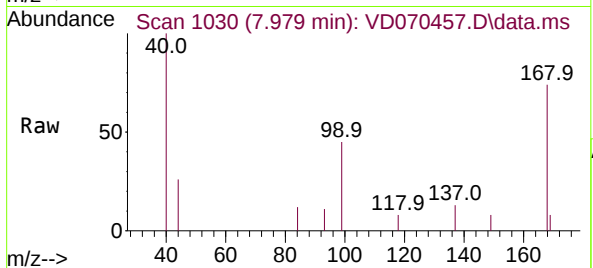




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD070457.D
Acq: 24 Sep 2021 16:20

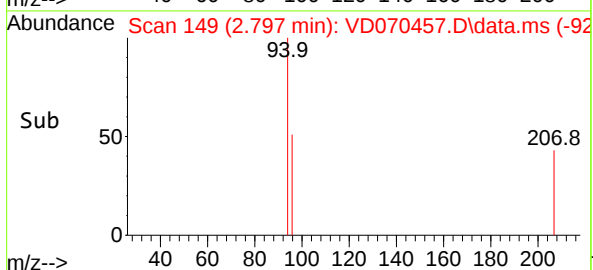
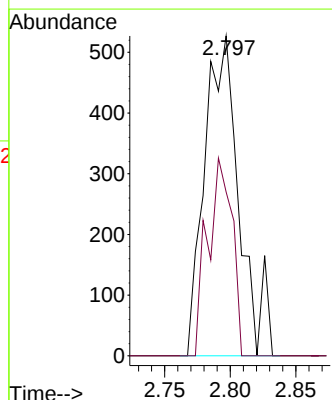
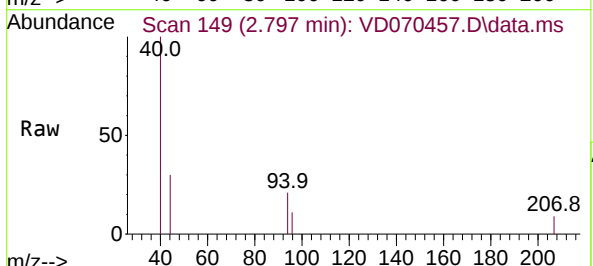
Instrument :
MSVOA_D
ClientSampleId :

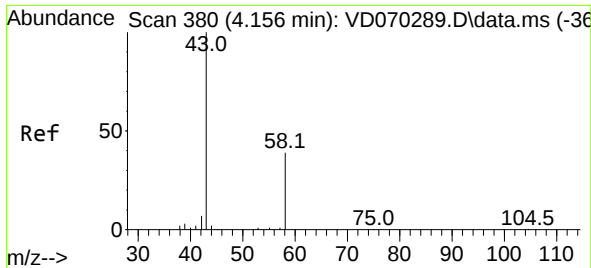
Tgt Ion:168 Resp: 3980
Ion Ratio Lower Upper
168 100
99 60.7 50.8 76.2



#5
Bromomethane
Concen: 22.546 ug/l
RT: 2.797 min Scan# 149
Delta R.T. 0.035 min
Lab File: VD070457.D
Acq: 24 Sep 2021 16:20

Tgt Ion: 94 Resp: 966
Ion Ratio Lower Upper
94 100
96 51.2 73.0 109.6#

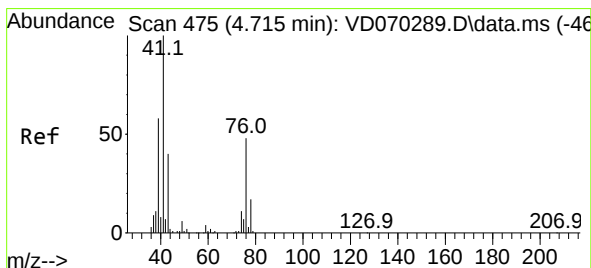
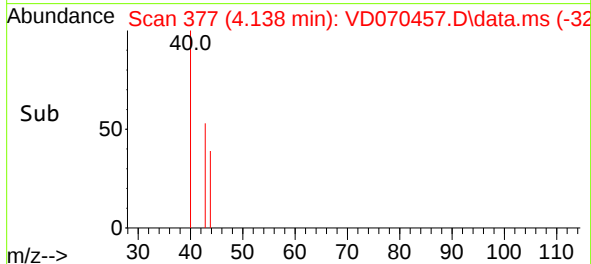
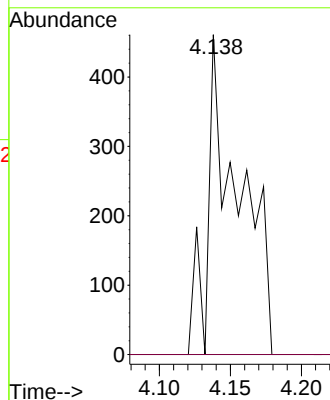
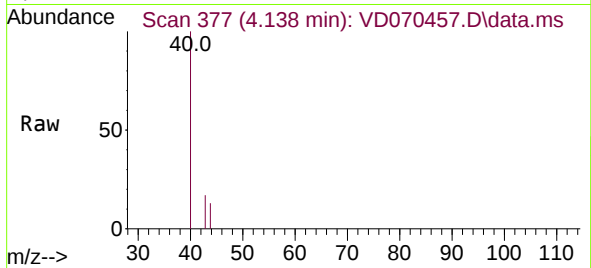




#16
Acetone
Concen: 78.256 ug/l
RT: 4.138 min Scan# 377
Delta R.T. -0.018 min
Lab File: VD070457.D
Acq: 24 Sep 2021 16:20

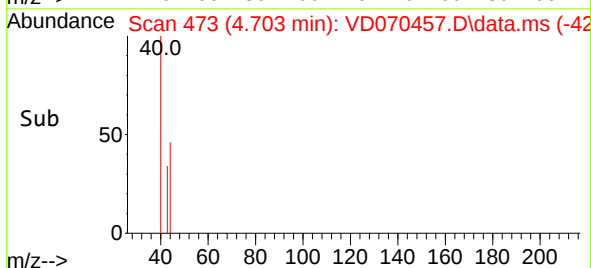
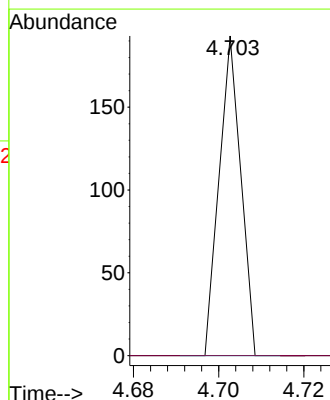
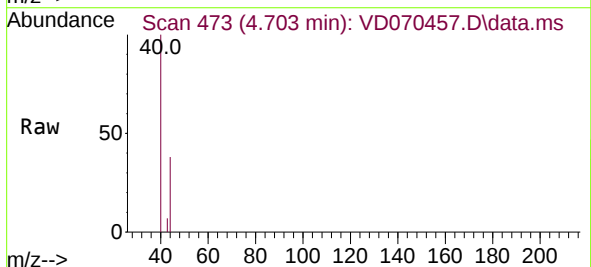
Instrument :
MSVOA_D
ClientSampled :

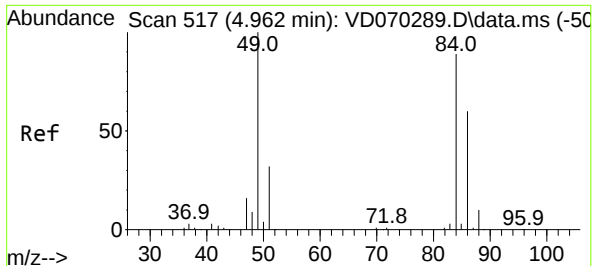
Tgt Ion: 43 Resp: 714
Ion Ratio Lower Upper
43 100
58 0.0 30.9 46.3#



#18
Methyl Acetate
Concen: 1.239 ug/l
RT: 4.703 min Scan# 473
Delta R.T. -0.012 min
Lab File: VD070457.D
Acq: 24 Sep 2021 16:20

Tgt Ion: 43 Resp: 68
Ion Ratio Lower Upper
43 100
74 0.0 21.6 32.4#

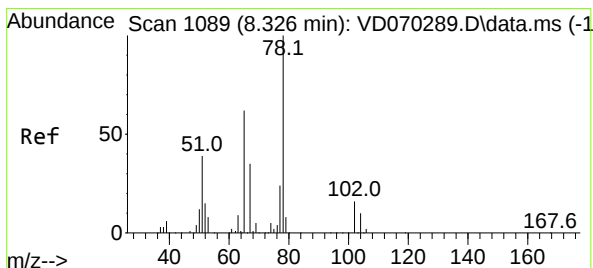
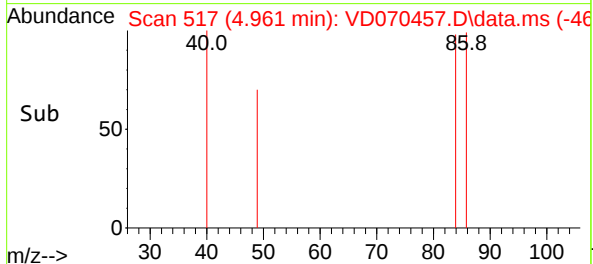
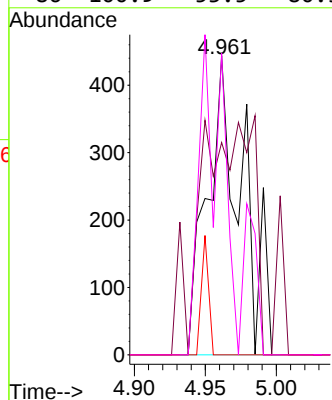
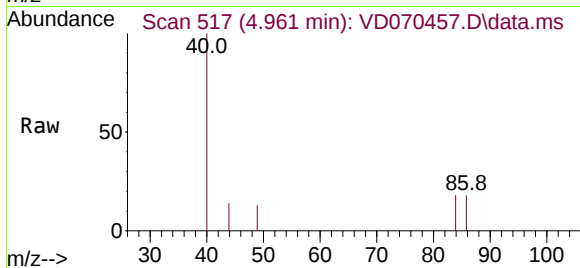




#20
Methylene Chloride
Concen: 7.079 ug/l
RT: 4.961 min Scan# 517
Delta R.T. -0.001 min
Lab File: VD070457.D
Acq: 24 Sep 2021 16:20

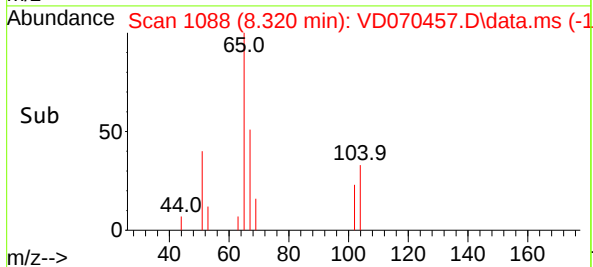
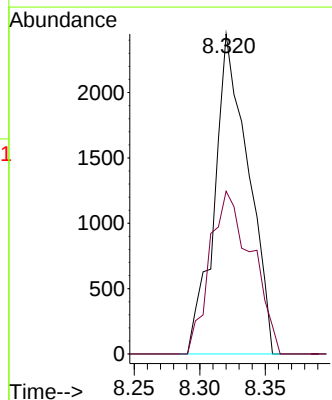
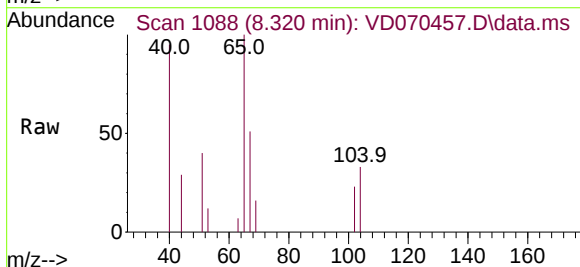
Instrument :
MSVOA_D
ClientSampled :

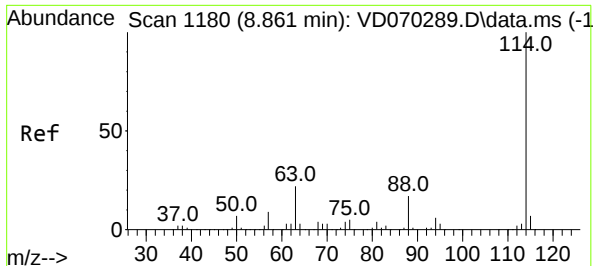
Tgt Ion:	84	Resp:	757
Ion	Ratio	Lower	Upper
84	100		
49	26.6	89.6	134.4#
51	0.0	28.6	43.0#
86	100.9	53.5	80.3#



#33
1,2-Dichloroethane-d4
Concen: 85.923 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD070457.D
Acq: 24 Sep 2021 16:20

Tgt Ion:	65	Resp:	4391
Ion	Ratio	Lower	Upper
65	100		
67	62.9	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: VD070457.D

Acq: 24 Sep 2021 16:20

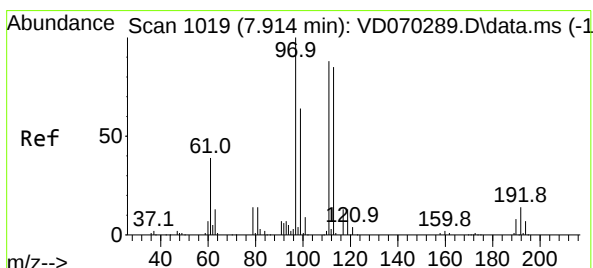
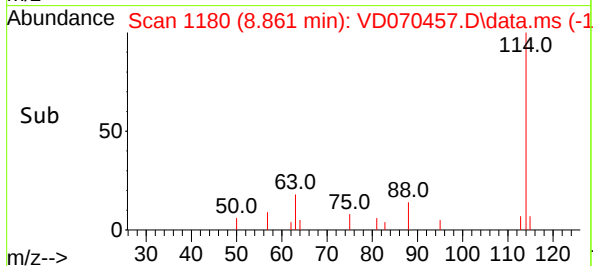
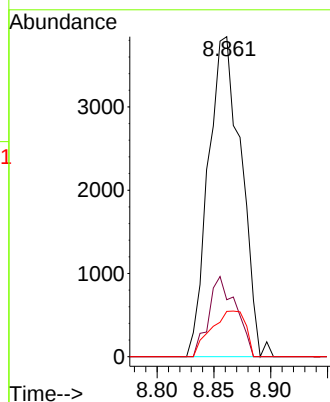
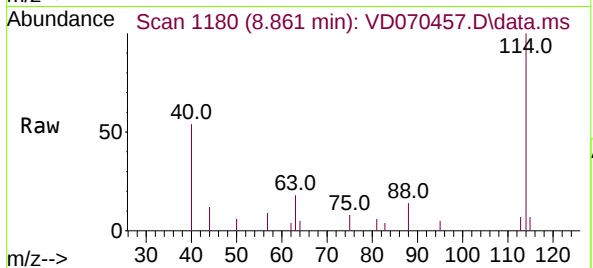
Tgt Ion:114 Resp: 7723

Ion Ratio Lower Upper

114 100

63 17.8 0.0 43.4

88 14.2 0.0 33.4



#35

Dibromofluoromethane

Concen: 47.368 ug/l

RT: 7.920 min Scan# 1020

Delta R.T. 0.006 min

Lab File: VD070457.D

Acq: 24 Sep 2021 16:20

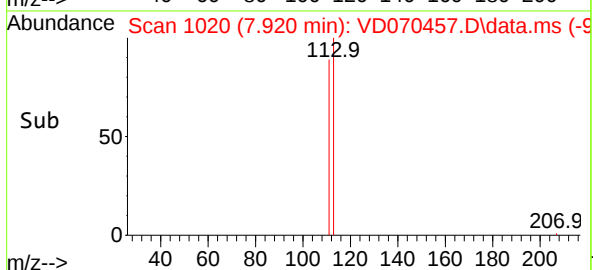
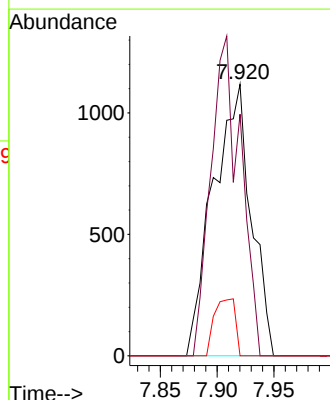
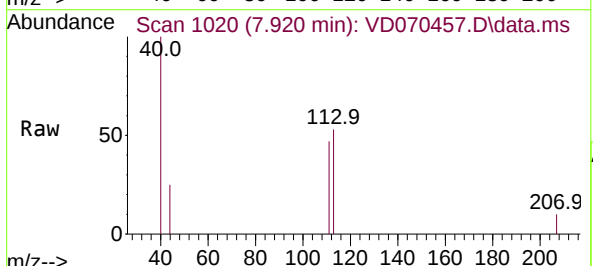
Tgt Ion:113 Resp: 2604

Ion Ratio Lower Upper

113 100

111 91.9 81.4 122.2

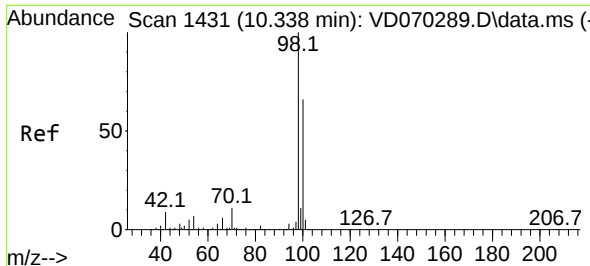
192 11.5 13.0 19.6#



Instrument :

MSVOA_D

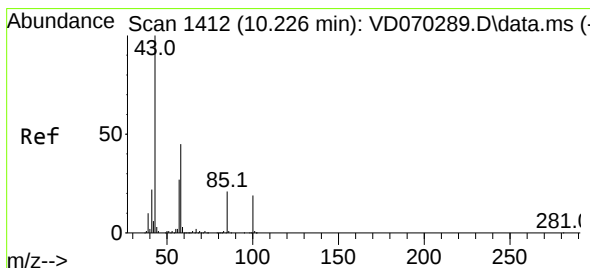
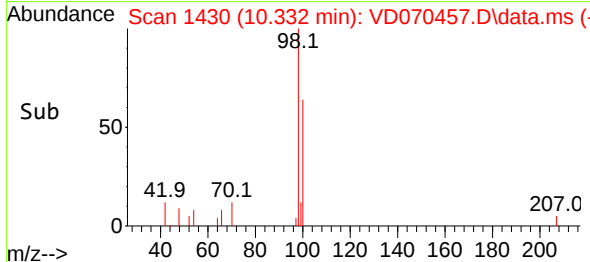
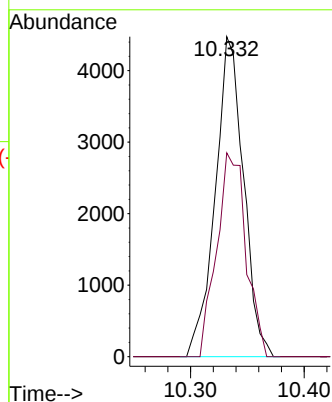
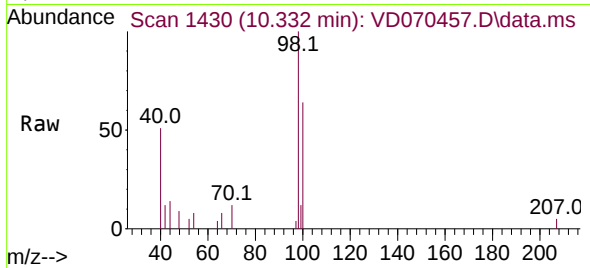
ClientSampleId :



#50
Toluene-d8
Concen: 38.859 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD070457.D
Acq: 24 Sep 2021 16:20

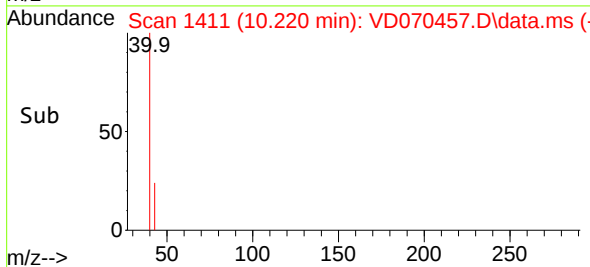
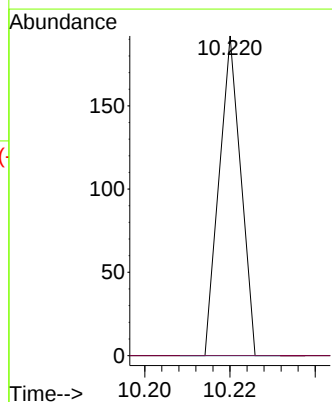
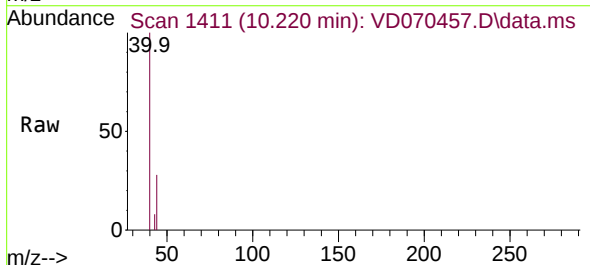
Instrument :
MSVOA_D
ClientSampleId :

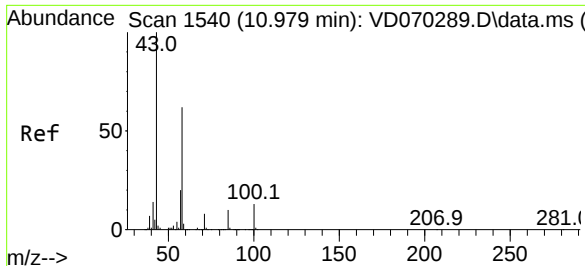
Tgt Ion: 98 Resp: 7756
Ion Ratio Lower Upper
98 100
100 65.7 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 2.302 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. -0.006 min
Lab File: VD070457.D
Acq: 24 Sep 2021 16:20

Tgt Ion: 43 Resp: 68
Ion Ratio Lower Upper
43 100
58 0.0 35.4 53.2#

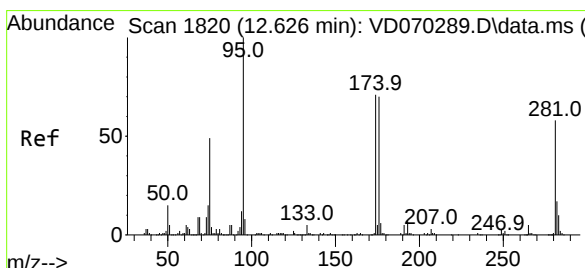
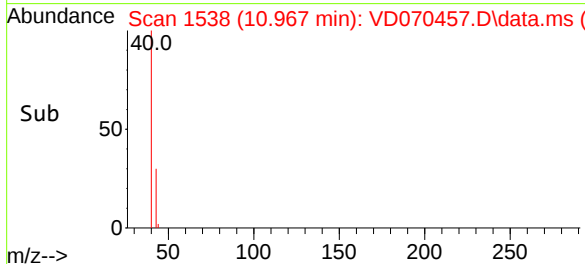
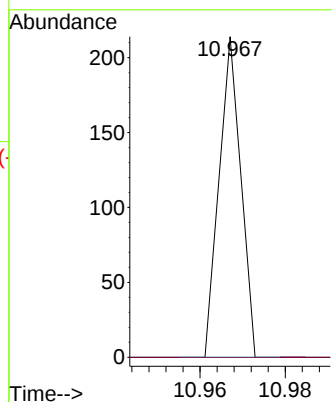
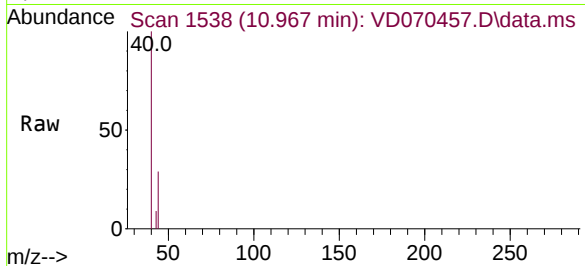




#59
2-Hexanone
Concen: 3.857 ug/l
RT: 10.967 min Scan# 1538
Delta R.T. -0.012 min
Lab File: VD070457.D
Acq: 24 Sep 2021 16:20

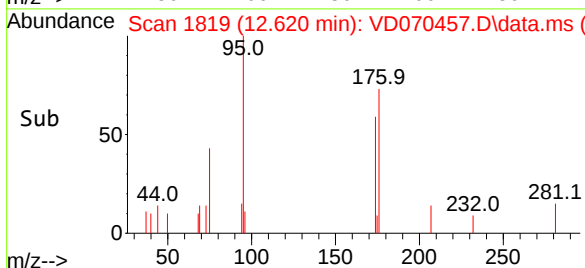
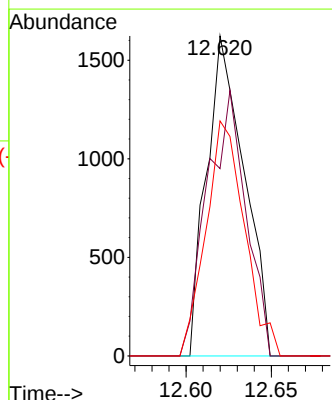
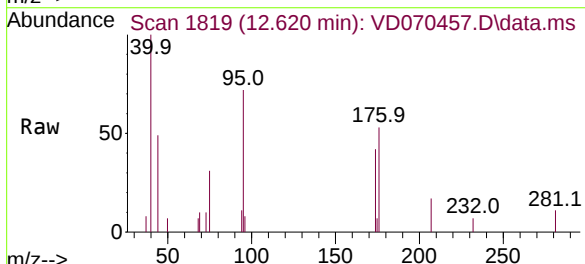
Instrument :
MSVOA_D
ClientSampled :

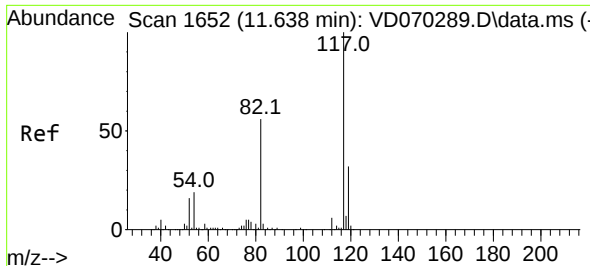
Tgt Ion: 43 Resp: 76
Ion Ratio Lower Upper
43 100
58 0.0 30.6 91.6#



#62
4-Bromofluorobenzene
Concen: 35.882 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD070457.D
Acq: 24 Sep 2021 16:20

Tgt Ion: 95 Resp: 2503
Ion Ratio Lower Upper
95 100
174 85.1 0.0 140.6
176 75.1 0.0 137.4

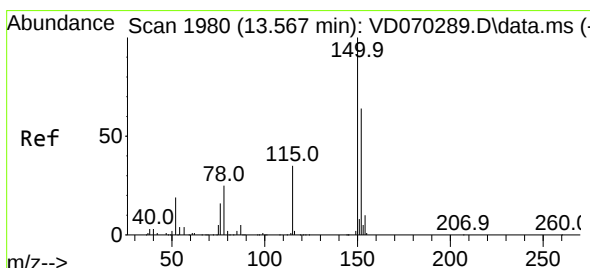
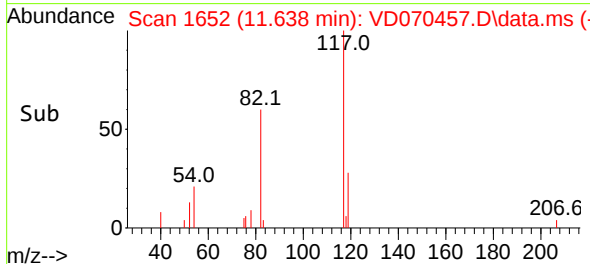
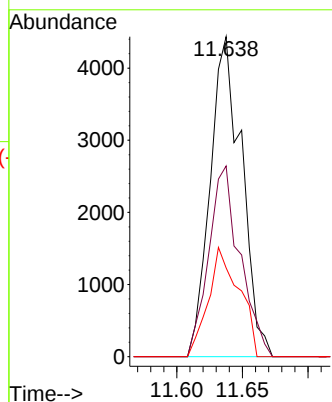
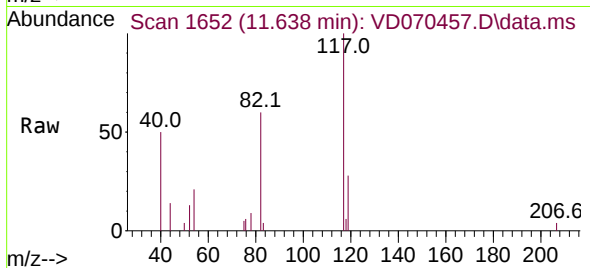




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070457.D
Acq: 24 Sep 2021 16:20

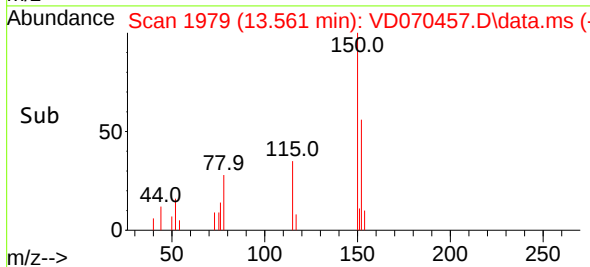
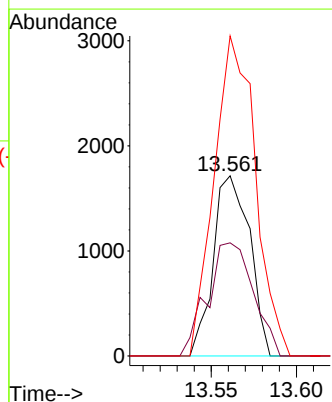
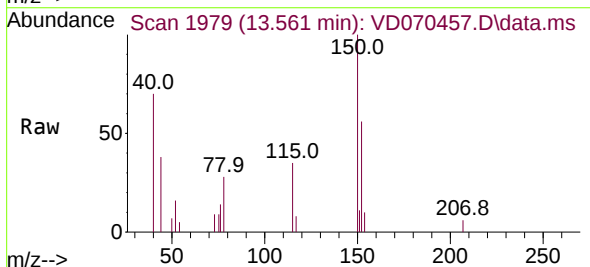
Instrument :
MSVOA_D
ClientSampleId :

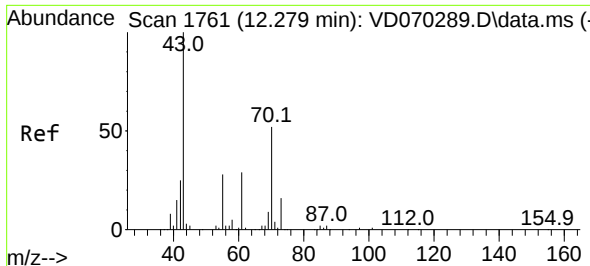
Tgt Ion:	117	Resp:	7404
Ion	Ratio	Lower	Upper
117	100		
82	59.6	45.0	67.4
119	27.8	25.2	37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD070457.D
Acq: 24 Sep 2021 16:20

Tgt Ion:	152	Resp:	2547
Ion	Ratio	Lower	Upper
152	100		
115	79.2	32.1	96.3
150	201.6	0.0	350.6

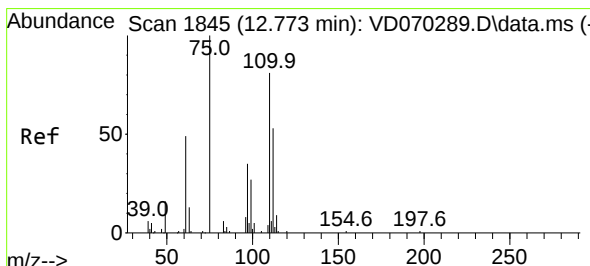
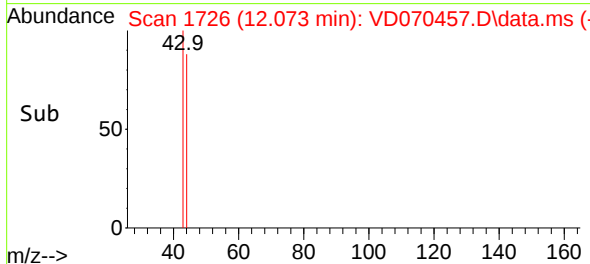
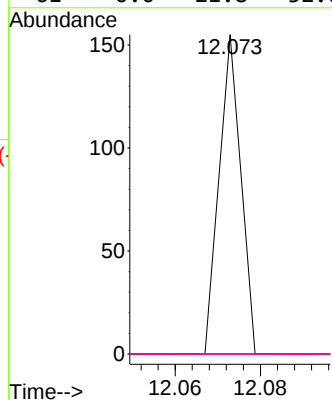
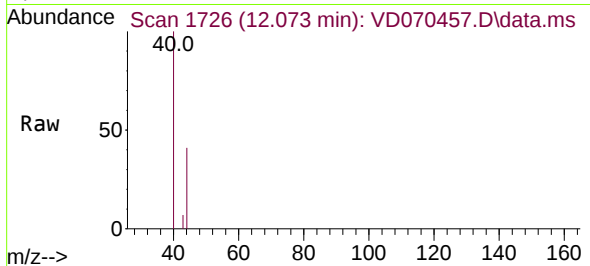




#74
N-amy1 acetate
Concen: 1.413 ug/l
RT: 12.073 min Scan# 1726
Delta R.T. -0.206 min
Lab File: VD070457.D
Acq: 24 Sep 2021 16:20

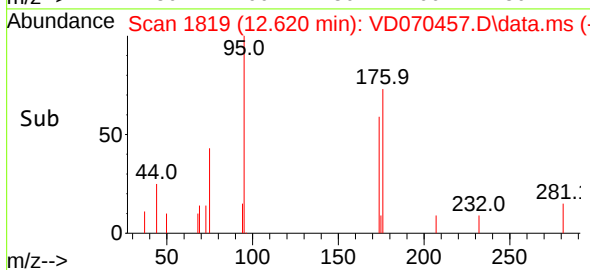
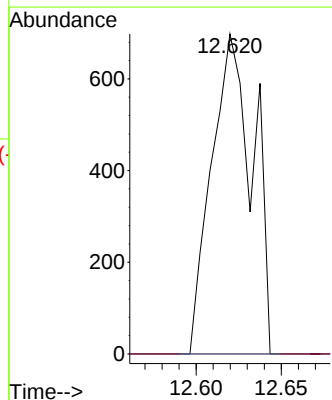
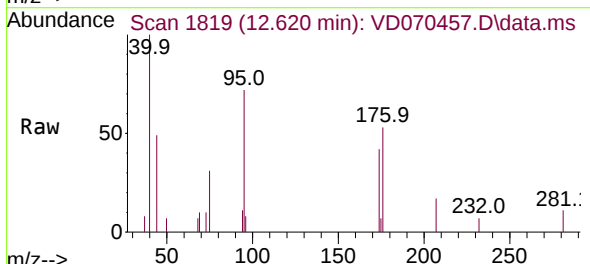
Instrument :
MSVOA_D
ClientSampleId :

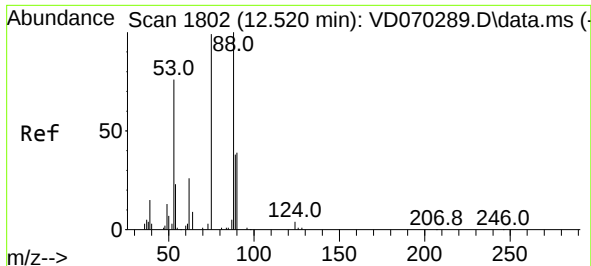
Tgt Ion:	43	Resp:	55
Ion	Ratio	Lower	Upper
43	100		
70	0.0	41.4	62.0#
55	0.0	22.8	34.2#
61	0.0	21.8	32.6#



#76
1,2,3-Trichloropropane
Concen: 45.763 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.153 min
Lab File: VD070457.D
Acq: 24 Sep 2021 16:20

Tgt Ion:	75	Resp:	1179
Ion	Ratio	Lower	Upper
75	100		
77	0.0	174.9	524.7#

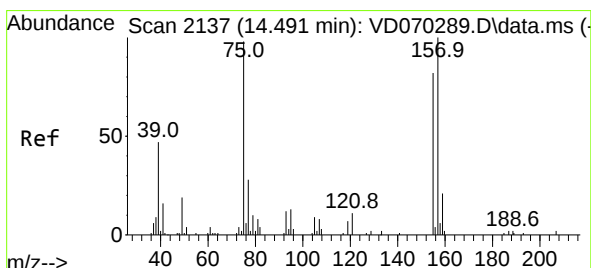
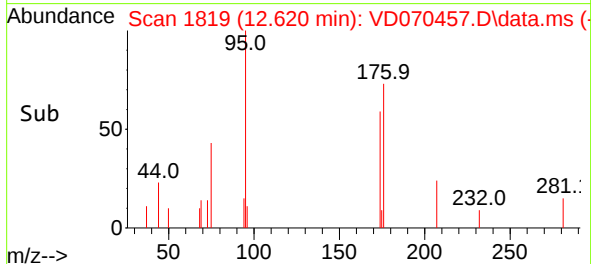
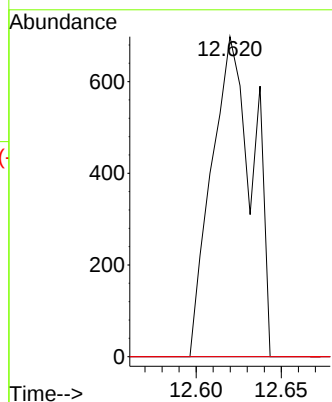
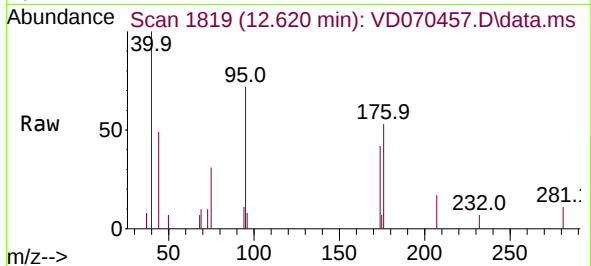




#81
trans-1,4-Dichloro-2-butene
Concen: 114.663 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.100 min
Lab File: VD070457.D
Acq: 24 Sep 2021 16:20

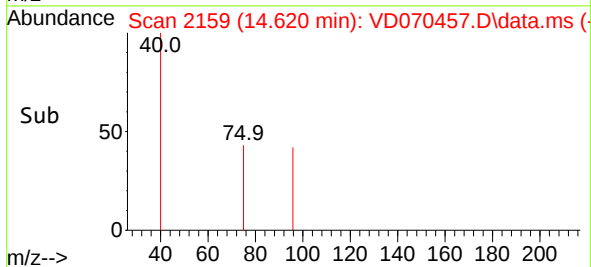
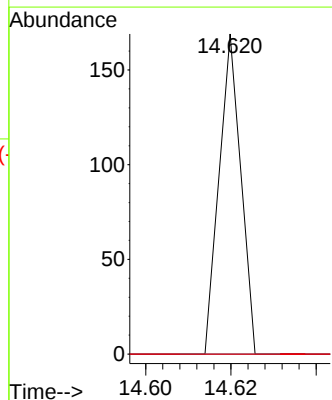
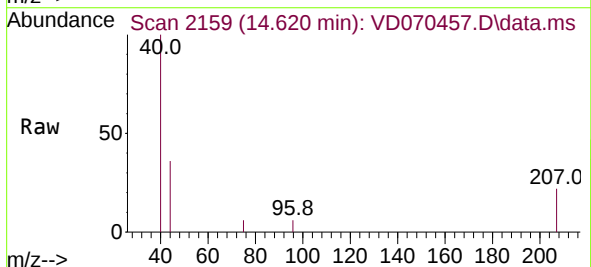
Instrument :
MSVOA_D
ClientSampleId :

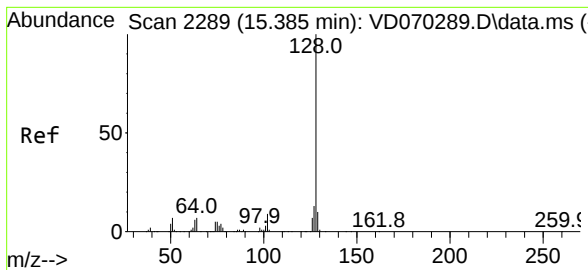
Tgt Ion: 75 Resp: 1179
Ion Ratio Lower Upper
75 100
53 0.0 64.2 96.2#
89 0.0 35.6 53.4#



#92
1,2-Dibromo-3-Chloropropane
Concen: 10.472 ug/l
RT: 14.620 min Scan# 2159
Delta R.T. 0.129 min
Lab File: VD070457.D
Acq: 24 Sep 2021 16:20

Tgt Ion: 75 Resp: 60
Ion Ratio Lower Upper
75 100
155 0.0 40.3 120.9#
157 0.0 48.9 146.6#





#95
Naphthalene
Concen: 2.046 ug/l
RT: 15.396 min Scan# 2291
Delta R.T. 0.012 min
Lab File: VD070457.D
Acq: 24 Sep 2021 16:20

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.5	15.7#
129	0.0	9.0	13.4#

