

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051921\
 Data File : VD069195.D
 Acq On : 19 May 2021 14:32
 Operator : VA/SY
 Sample : M2448-01
 Misc : 4.77G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 20 01:01:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051221S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 13 04:01:29 2021
 Response via : Initial Calibration

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

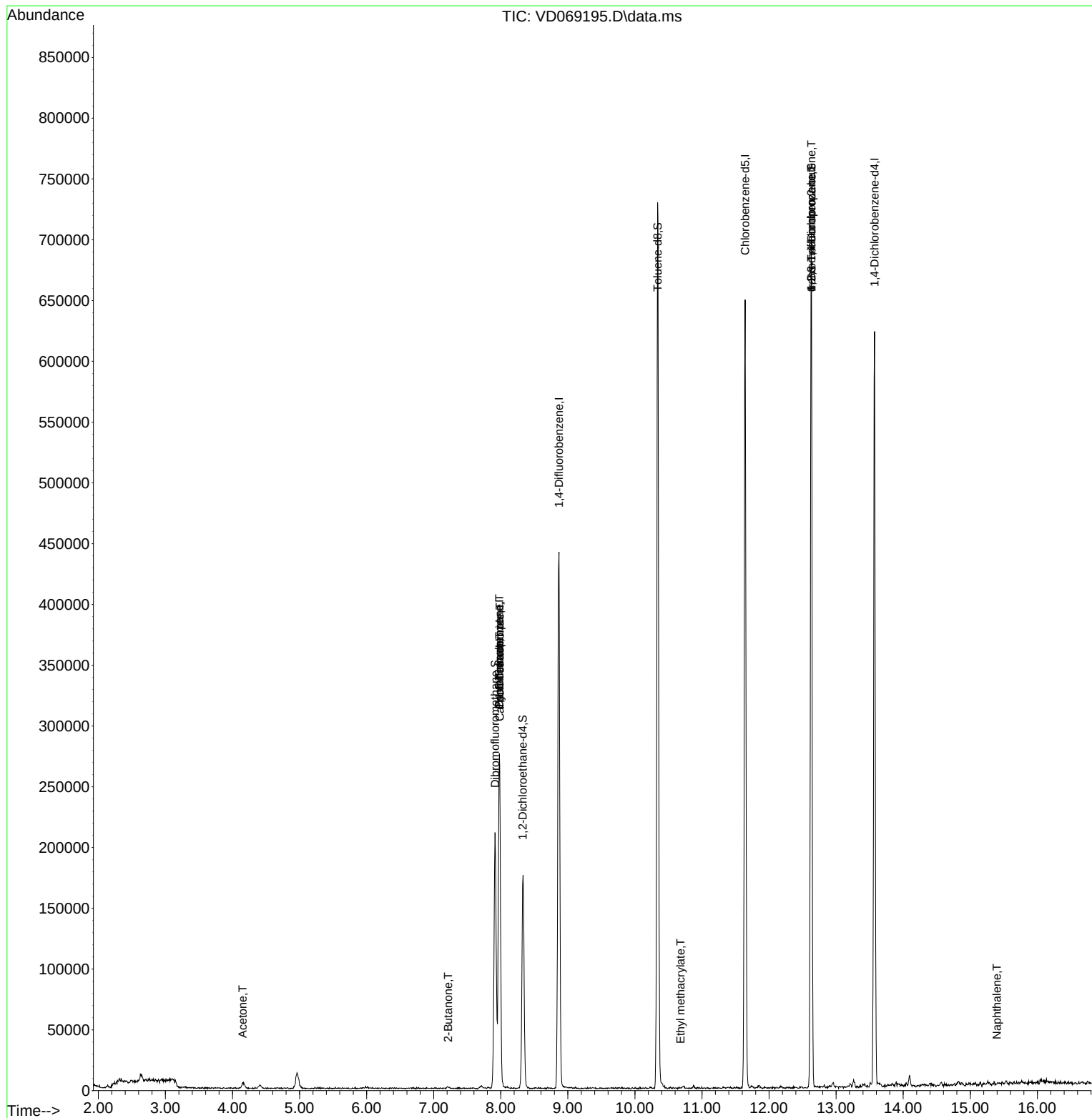
Internal Standards						
1) Pentafluorobenzene	7.979	168	204051	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	393042	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	373350	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	164531	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	142096	69.46	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	138.92%
35) Dibromofluoromethane	7.914	113	146371	57.23	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	114.46%
50) Toluene-d8	10.338	98	498131	53.00	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.00%
62) 4-Bromofluorobenzene	12.632	95	158850	52.53	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	105.06%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.226	59	125	Below Cal	#	73
16) Acetone	4.150	43	4271	13.63	ug/l	90
20) Methylene Chloride	4.973	84	10670	Below Cal		94
25) 2-Butanone	7.214	43	801	1.89	ug/l	91
31) Cyclohexane	7.979	56	5486	1.81	ug/l #	67
36) 1,1-Dichloropropene	7.979	75	17498	4.58	ug/l #	46
38) Carbon Tetrachloride	7.985	117	20059	4.70	ug/l #	15
56) Ethyl methacrylate	10.679	69	57	1.34	ug/l #	1
76) 1,2,3-Trichloropropane	12.632	75	83253	67.31	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	83253	135.97	ug/l #	14
95) Naphthalene	15.396	128	502	2.13	ug/l #	86

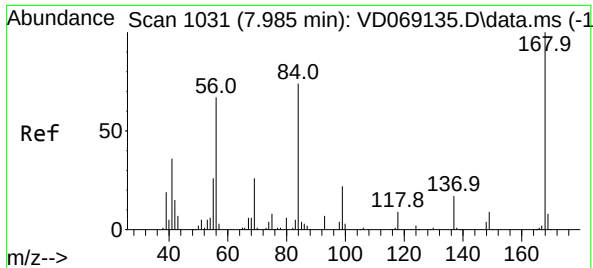
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu May 13 04:01:29 2021
Response via : Initial Calibration

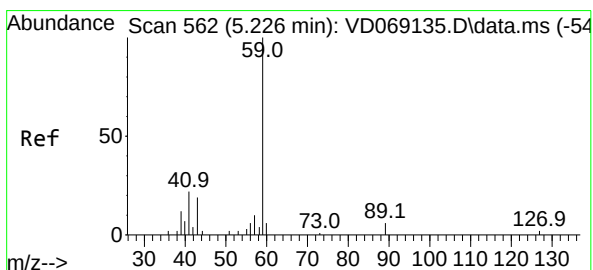
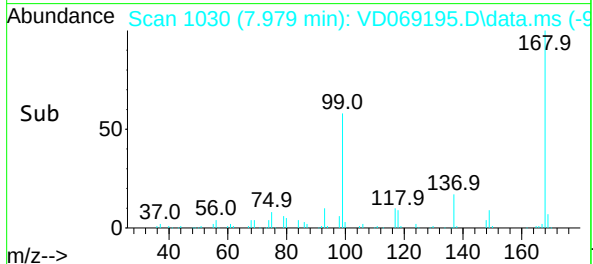
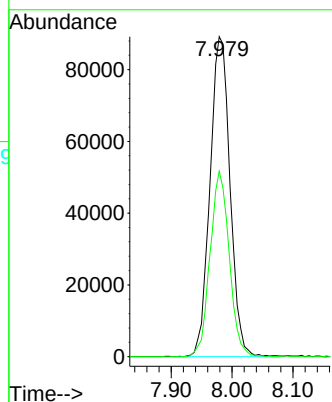
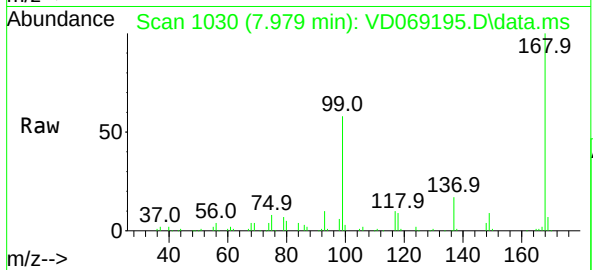




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD069195.D
Acq: 19 May 2021 14:32

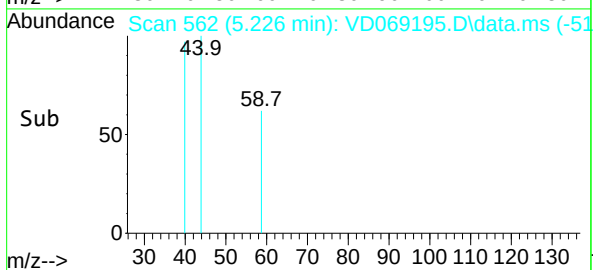
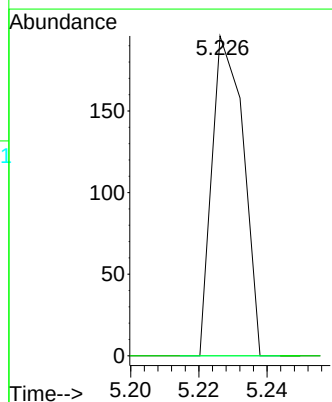
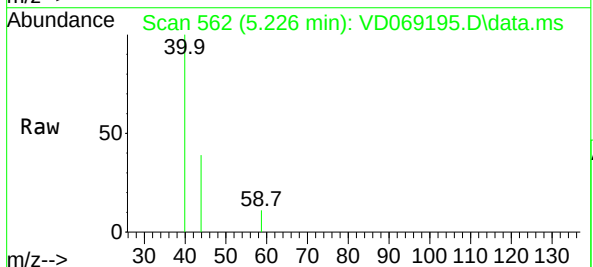
Instrument :
MSVOA_D
ClientSampleId :

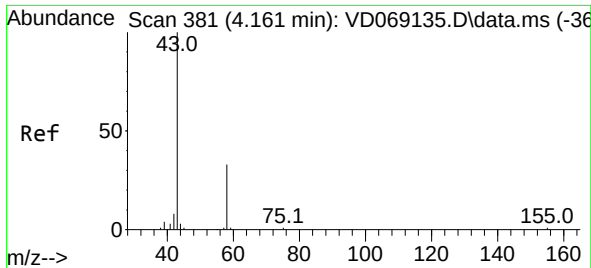
Tgt Ion:168 Resp: 204051
Ion Ratio Lower Upper
168 100
99 58.0 47.2 70.8



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.226 min Scan# 562
Delta R.T. 0.000 min
Lab File: VD069195.D
Acq: 19 May 2021 14:32

Tgt Ion: 59 Resp: 125
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

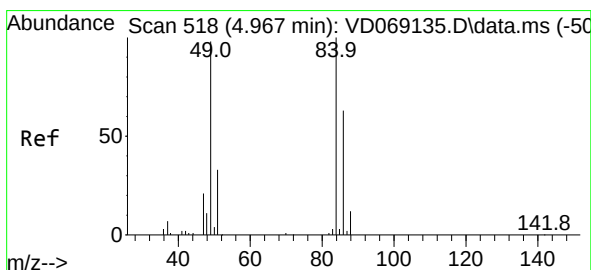
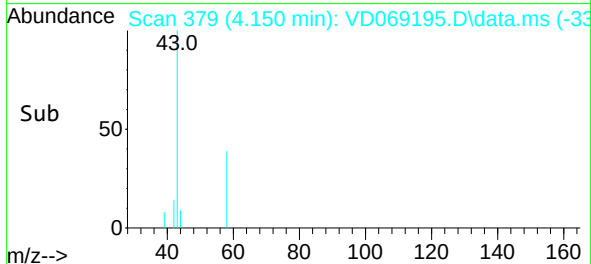
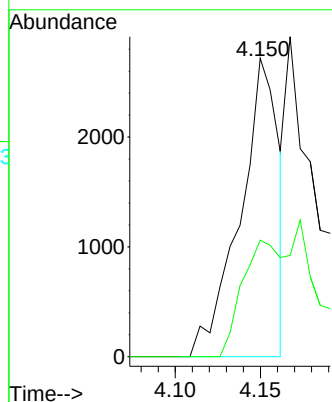
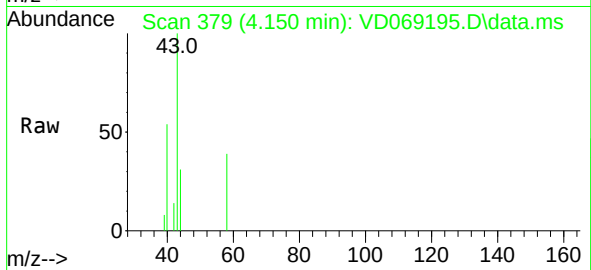




#16
Acetone
Concen: 13.63 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.011 min
Lab File: VD069195.D
Acq: 19 May 2021 14:32

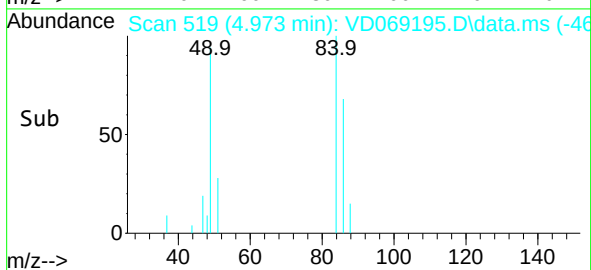
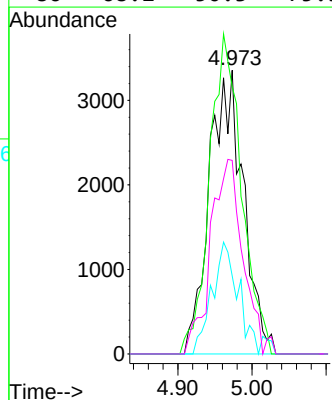
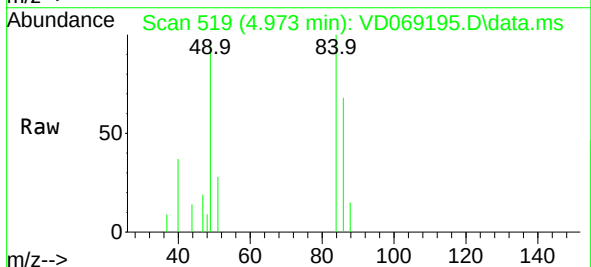
Instrument :
MSVOA_D
ClientSampled :

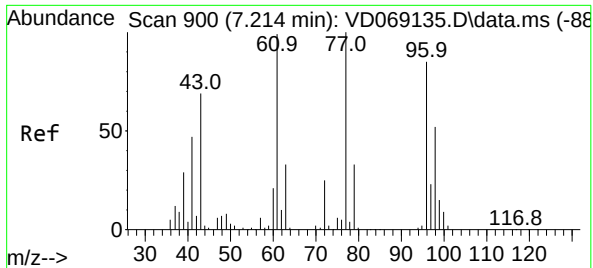
Tgt Ion: 43 Resp: 4271
Ion Ratio Lower Upper
43 100
58 39.1 26.7 40.1



#20
Methylene Chloride
Concen: Below Cal
RT: 4.973 min Scan# 519
Delta R.T. 0.006 min
Lab File: VD069195.D
Acq: 19 May 2021 14:32

Tgt Ion: 84 Resp: 10670
Ion Ratio Lower Upper
84 100
49 94.2 78.6 117.8
51 27.5 26.7 40.1
86 68.2 50.3 75.5

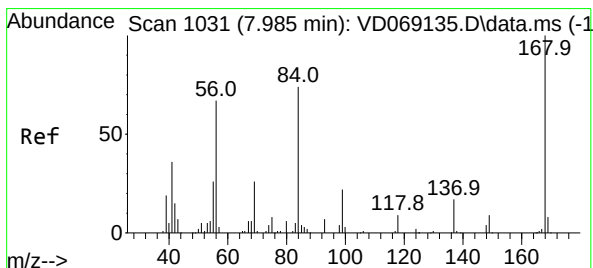
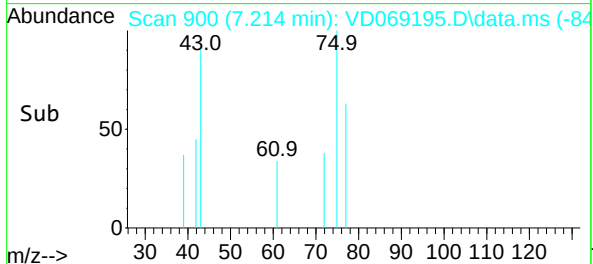
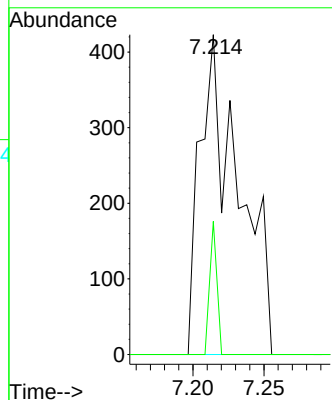
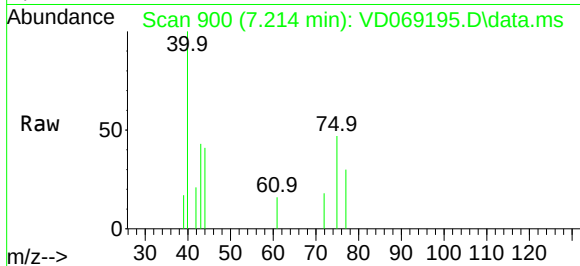




#25
2-Butanone
Concen: 1.89 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.000 min
Lab File: VD069195.D
Acq: 19 May 2021 14:32

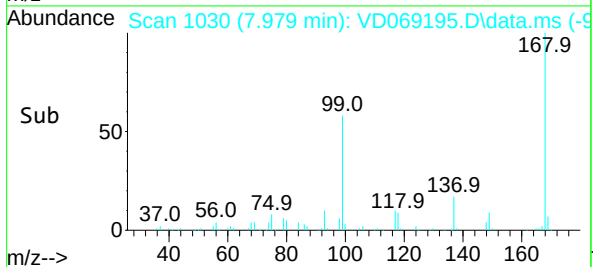
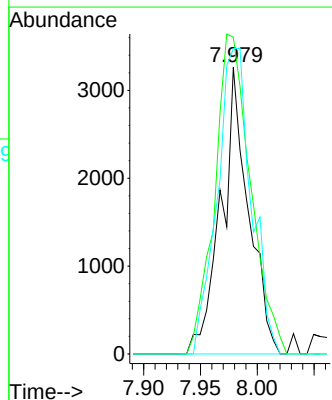
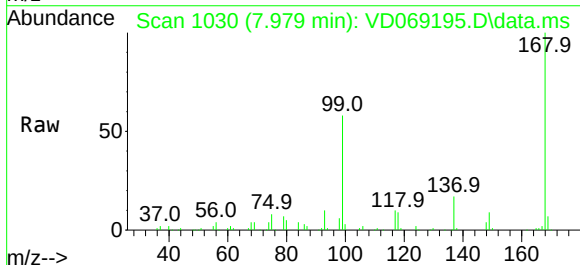
Instrument :
MSVOA_D
ClientSampled :

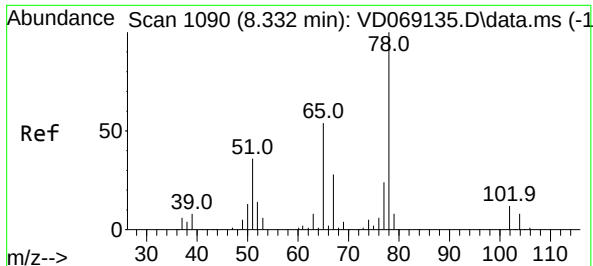
Tgt Ion: 43 Resp: 801
Ion Ratio Lower Upper
43 100
72 41.6 29.1 43.7



#31
Cyclohexane
Concen: 1.81 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD069195.D
Acq: 19 May 2021 14:32

Tgt Ion: 56 Resp: 5486
Ion Ratio Lower Upper
56 100
69 110.5 30.6 46.0#
84 106.6 88.0 132.0





#33

1,2-Dichloroethane-d4

Concen: 69.46 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.006 min

Lab File: VD069195.D

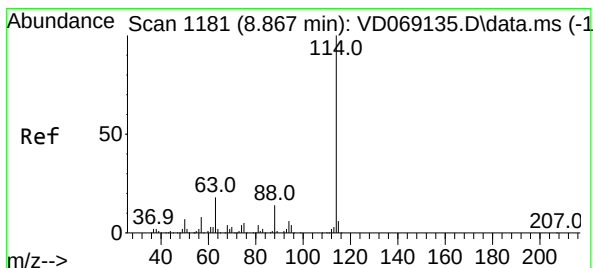
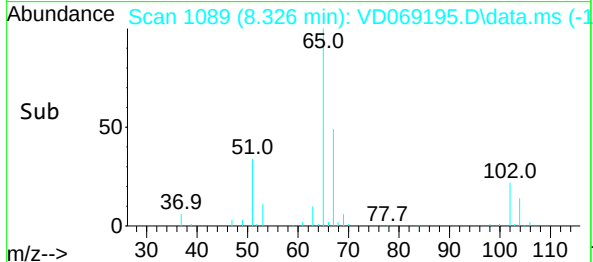
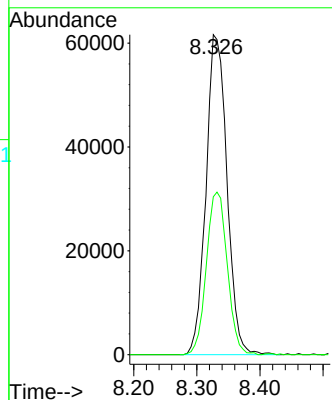
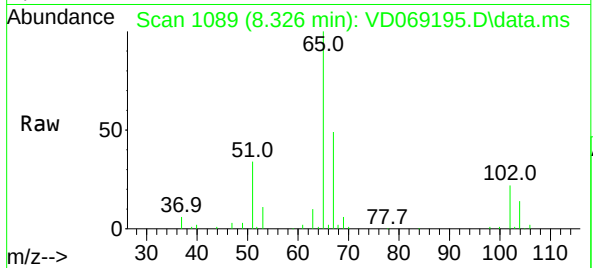
Acq: 19 May 2021 14:32

Tgt Ion: 65 Resp: 142096

Ion Ratio Lower Upper

65 100

67 50.6 0.0 108.0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.867 min Scan# 1181

Delta R.T. 0.000 min

Lab File: VD069195.D

Acq: 19 May 2021 14:32

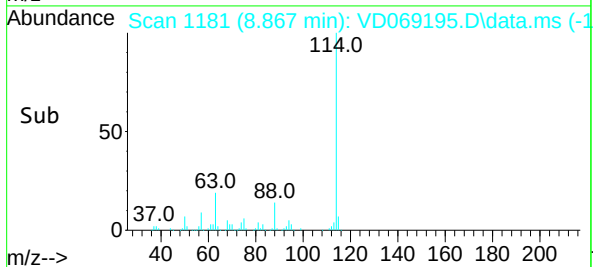
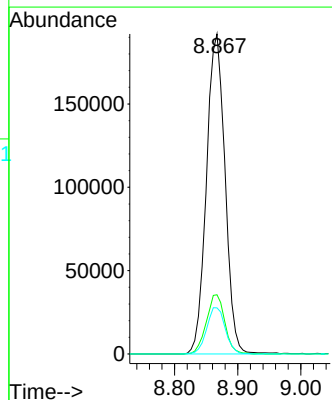
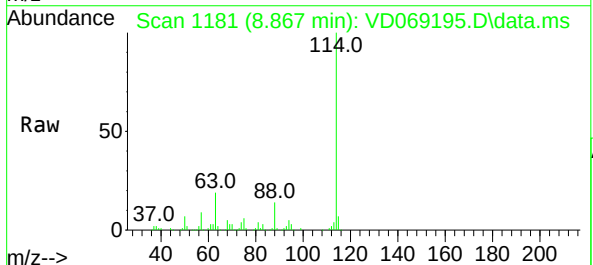
Tgt Ion: 114 Resp: 393042

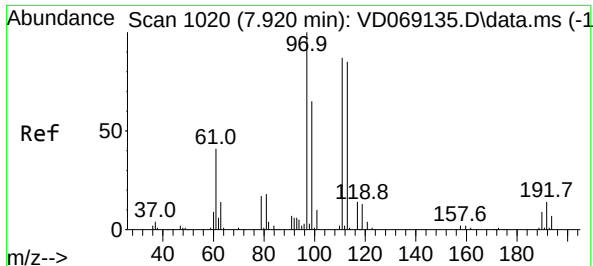
Ion Ratio Lower Upper

114 100

63 18.5 0.0 36.4

88 14.4 0.0 28.2





#35

Dibromofluoromethane

Concen: 57.23 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VD069195.D

Acq: 19 May 2021 14:32

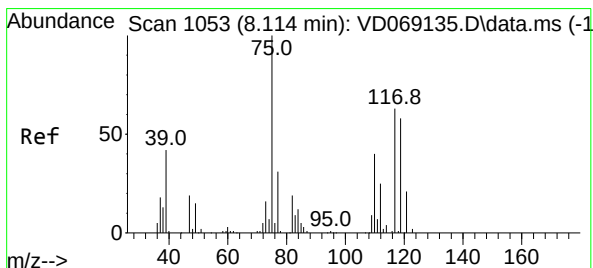
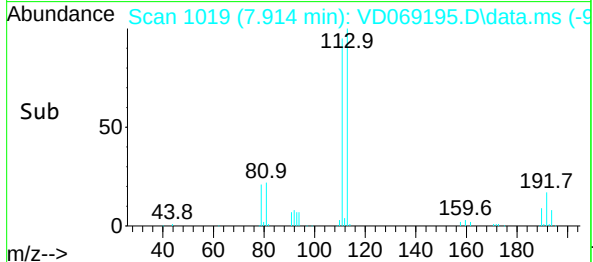
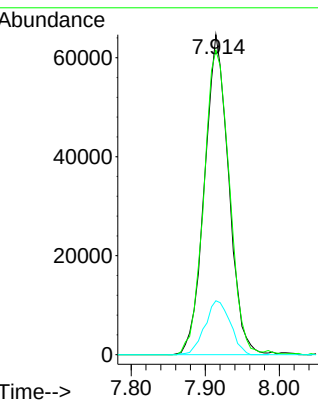
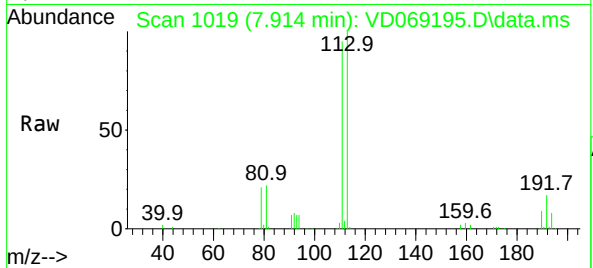
Tgt Ion:113 Resp: 146371

Ion Ratio Lower Upper

113 100

111 100.7 80.6 120.8

192 17.7 14.8 22.2



#36

1,1-Dichloropropene

Concen: 4.58 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.135 min

Lab File: VD069195.D

Acq: 19 May 2021 14:32

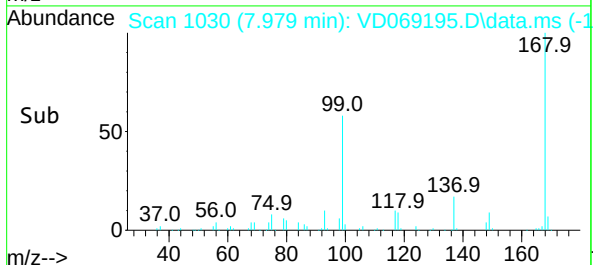
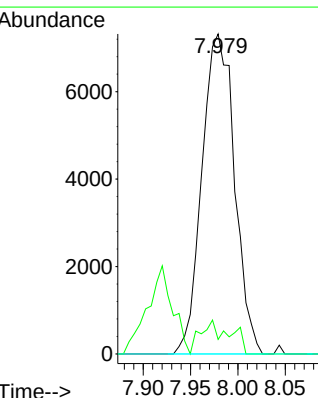
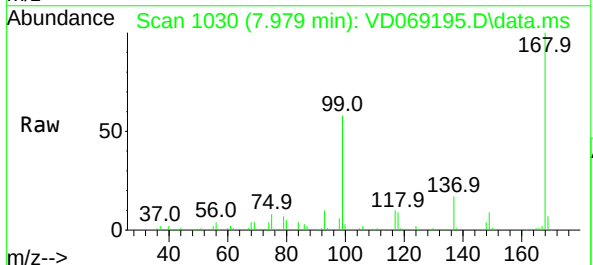
Tgt Ion: 75 Resp: 17498

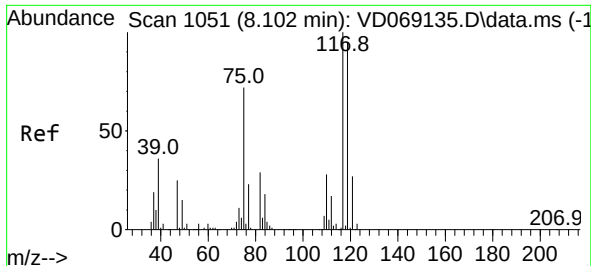
Ion Ratio Lower Upper

75 100

110 7.2 18.8 56.4#

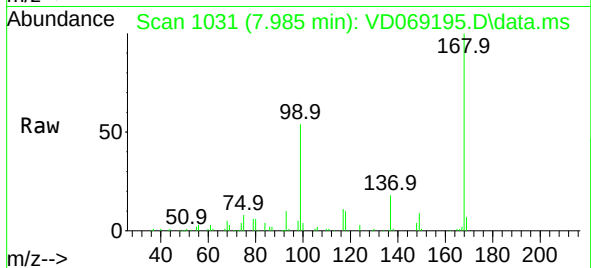
77 0.0 25.2 37.8#



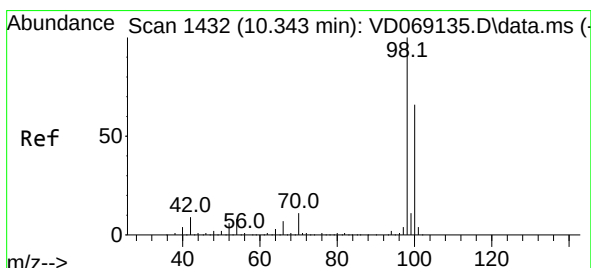
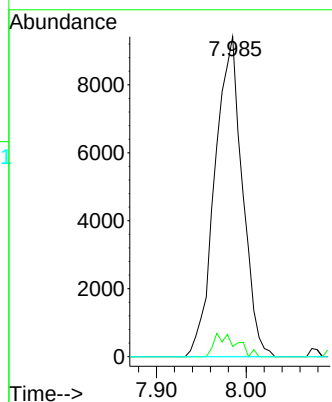
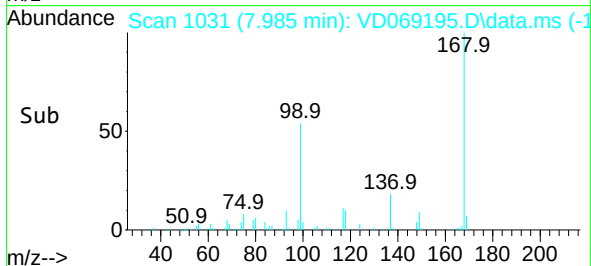


#38
Carbon Tetrachloride
Concen: 4.70 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.117 min
Lab File: VD069195.D
Acq: 19 May 2021 14:32

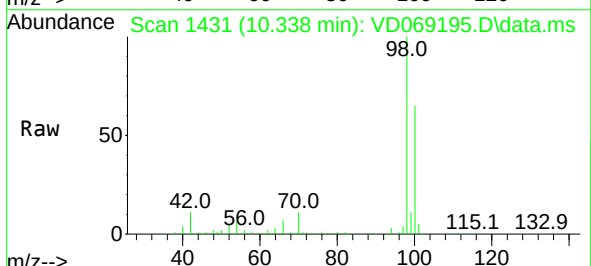
Instrument :
MSVOA_D
ClientSampled :



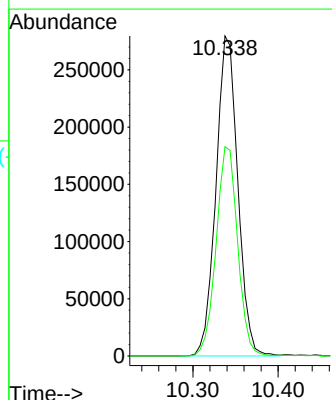
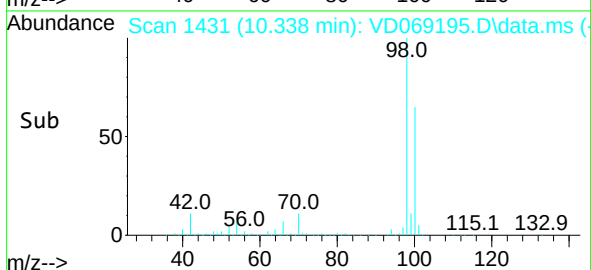
Tgt Ion:117 Resp: 20059
Ion Ratio Lower Upper
117 100
119 3.2 76.2 114.2#
121 0.0 21.9 32.9#

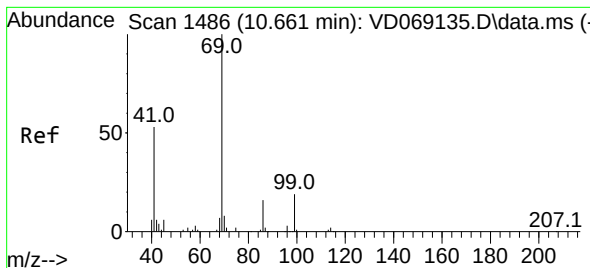


#50
Toluene-d8
Concen: 53.00 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD069195.D
Acq: 19 May 2021 14:32



Tgt Ion: 98 Resp: 498131
Ion Ratio Lower Upper
98 100
100 64.4 51.8 77.8

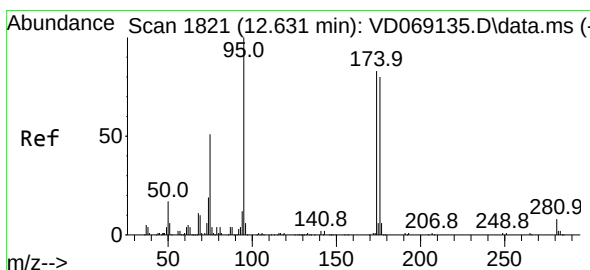
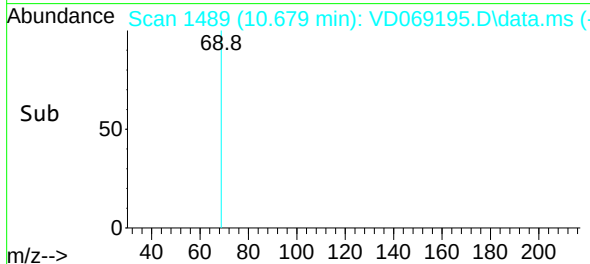
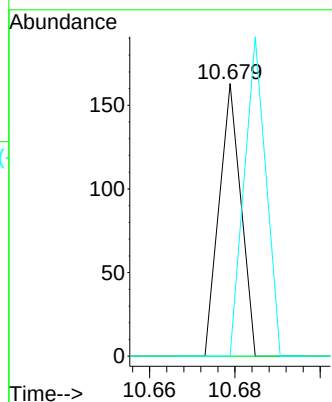
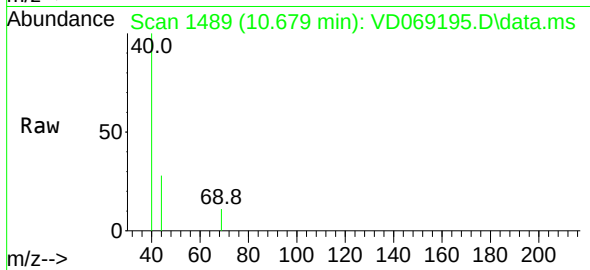




#56
Ethyl methacrylate
Concen: 1.34 ug/l
RT: 10.679 min Scan# 1489
Delta R.T. 0.018 min
Lab File: VD069195.D
Acq: 19 May 2021 14:32

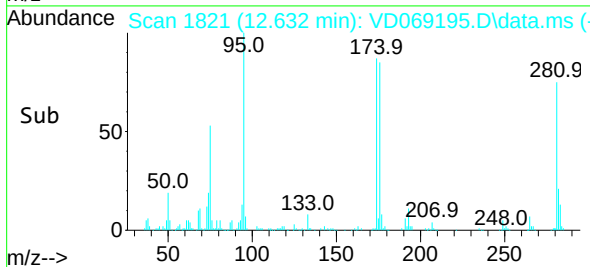
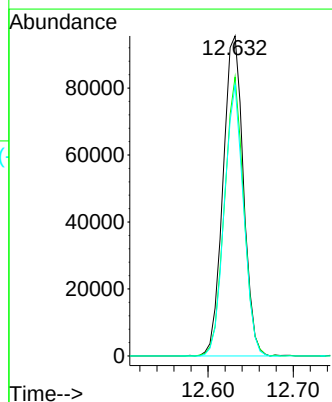
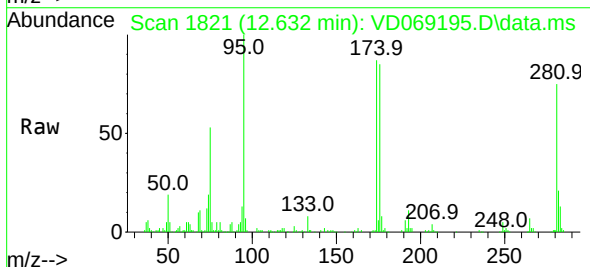
Instrument :
MSVOA_D
ClientSampleId :

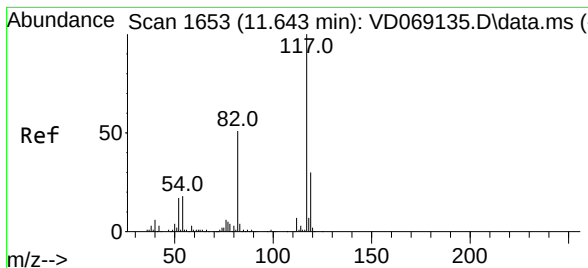
Tgt Ion: 69 Resp: 57
Ion Ratio Lower Upper
69 100
41 0.0 42.2 63.2#
39 117.5 26.3 39.5#



#62
4-Bromofluorobenzene
Concen: 52.53 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD069195.D
Acq: 19 May 2021 14:32

Tgt Ion: 95 Resp: 158850
Ion Ratio Lower Upper
95 100
174 82.3 0.0 171.8
176 79.7 0.0 165.4

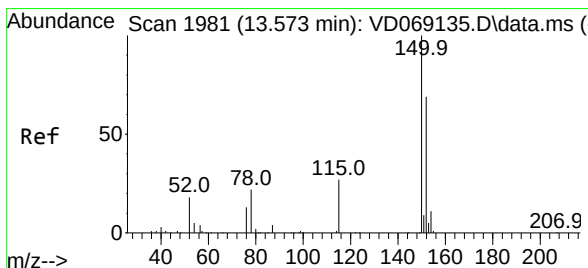
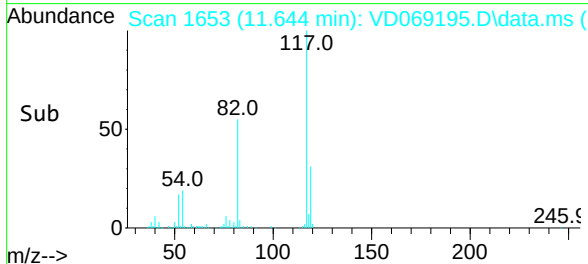
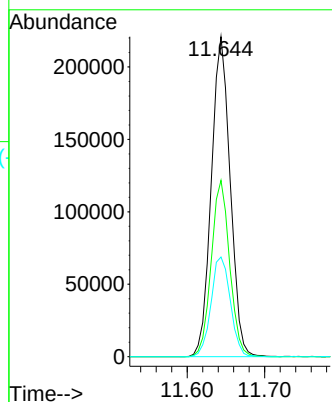
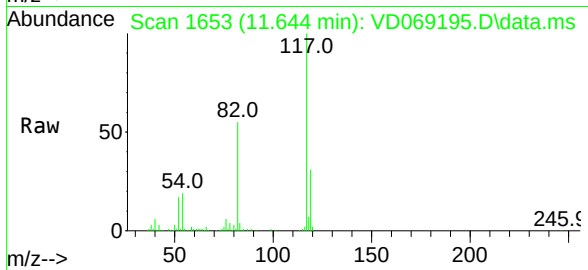




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD069195.D
Acq: 19 May 2021 14:32

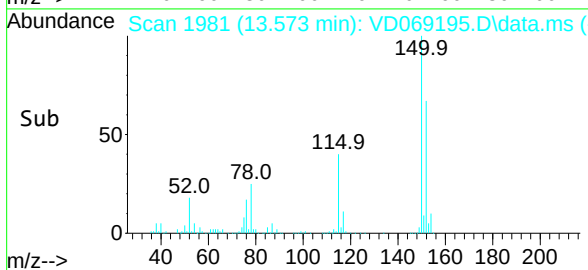
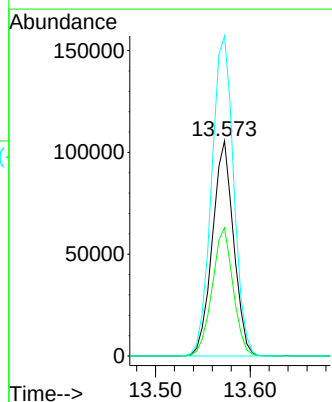
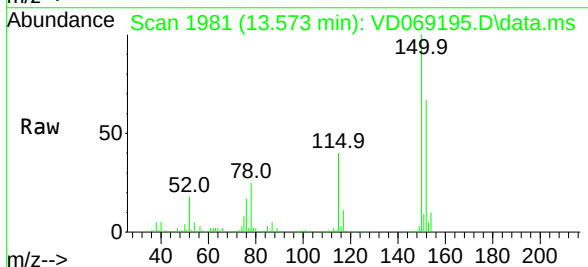
Instrument :
MSVOA_D
ClientSampleId :

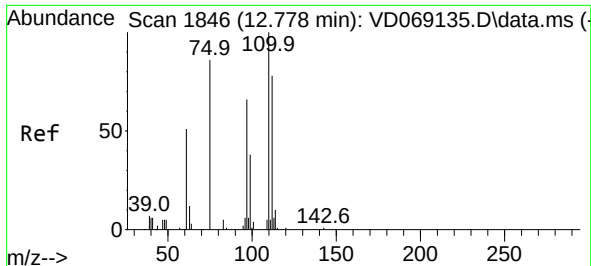
Tgt Ion:117 Resp: 373350
Ion Ratio Lower Upper
117 100
82 55.1 40.5 60.7
119 31.1 24.2 36.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD069195.D
Acq: 19 May 2021 14:32

Tgt Ion:152 Resp: 164531
Ion Ratio Lower Upper
152 100
115 58.7 29.9 89.8
150 154.3 0.0 350.2

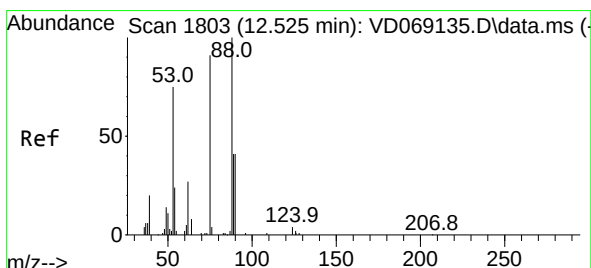
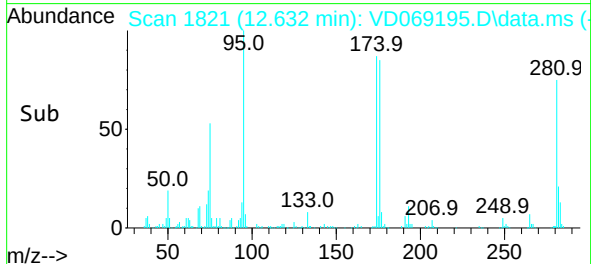
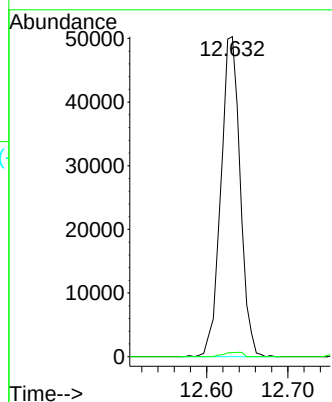
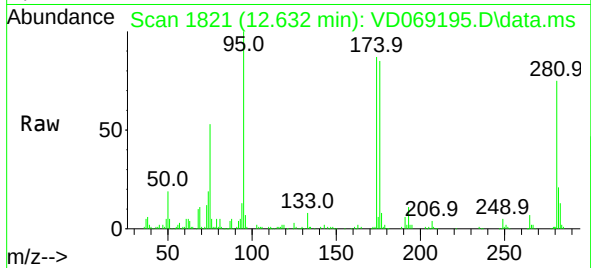




#76
1,2,3-Trichloropropane
Concen: 67.31 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.147 min
Lab File: VD069195.D
Acq: 19 May 2021 14:32

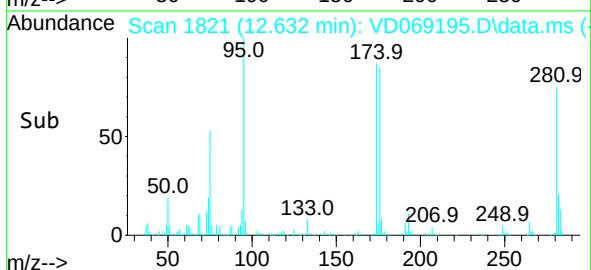
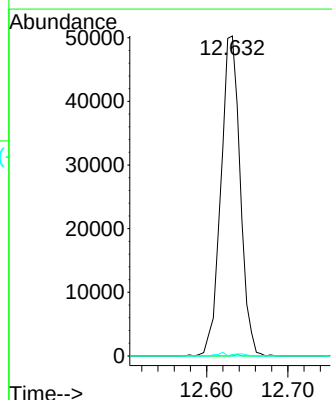
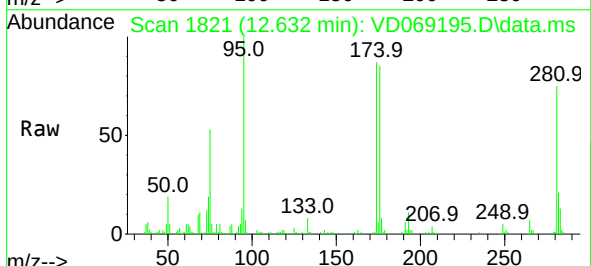
Instrument :
MSVOA_D
ClientSampleId :

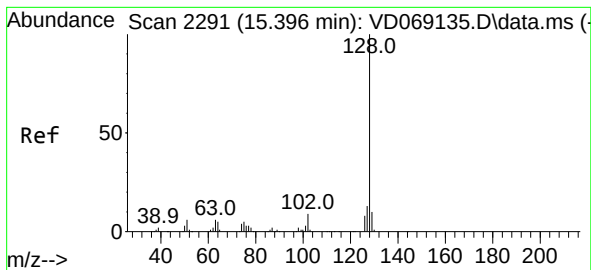
Tgt Ion: 75 Resp: 83253
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 135.97 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD069195.D
Acq: 19 May 2021 14:32

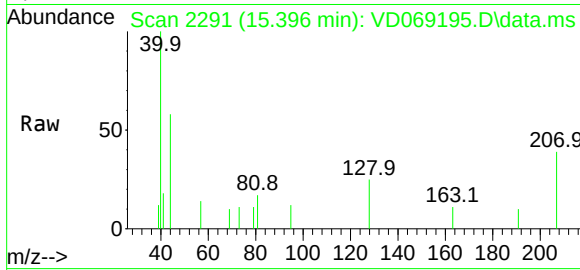
Tgt Ion: 75 Resp: 83253
Ion Ratio Lower Upper
75 100
53 0.1 70.0 105.0#
89 0.3 40.2 60.2#





#95
Naphthalene
Concen: 2.13 ug/l
RT: 15.396 min Scan# 2291
Delta R.T. 0.000 min
Lab File: VD069195.D
Acq: 19 May 2021 14:32

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.5	15.7
129	0.0	8.9	13.3#

