

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060921\
 Data File : VD069404.D
 Acq On : 09 Jun 2021 14:58
 Operator : VA/SY
 Sample : M2650-03
 Misc : 5.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jun 10 04:03:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060121S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 02 02:17:36 2021
 Response via : Initial Calibration

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

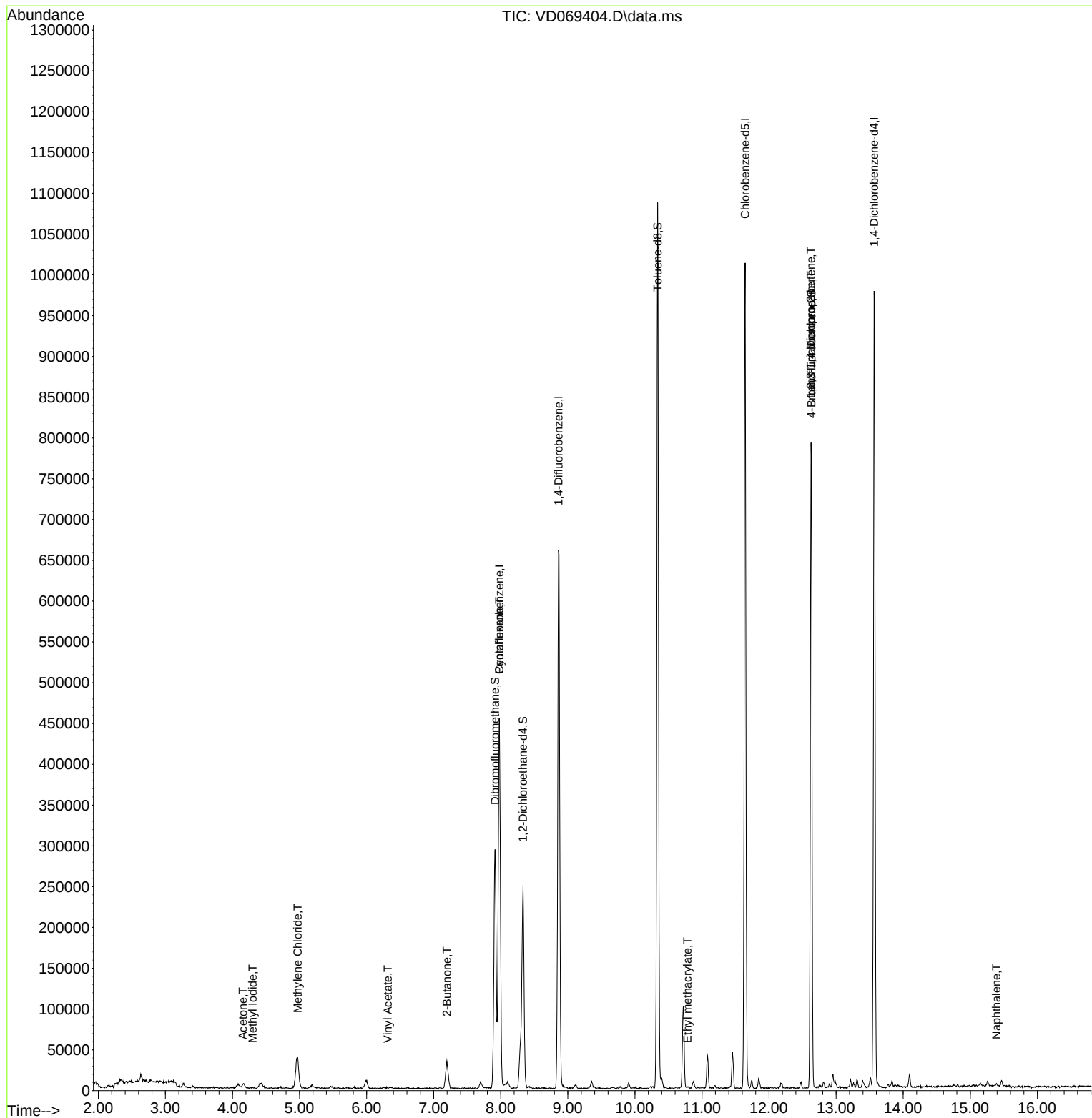
Internal Standards						
1) Pentafluorobenzene	7.979	168	334637	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	604544	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	611259	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	271192	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	187912	58.52	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.04%
35) Dibromofluoromethane	7.914	113	212455	55.96	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.92%
50) Toluene-d8	10.338	98	752642	54.52	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.04%
62) 4-Bromofluorobenzene	12.632	95	242904	53.70	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	107.40%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.303	142	1031	2.77	ug/l #	59
11) Tert butyl alcohol	5.185	59	3328	Below Cal	#	73
16) Acetone	4.156	43	10212	18.22	ug/l #	85
20) Methylene Chloride	4.973	84	32963	1.48	ug/l	92
23) Vinyl Acetate	6.314	43	387	11.69	ug/l #	67
25) 2-Butanone	7.197	43	1634	2.22	ug/l #	45
31) Cyclohexane	7.979	56	9367	1.84	ug/l #	64
56) Ethyl methacrylate	10.785	69	74	2.66	ug/l #	1
76) 1,2,3-Trichloropropane	12.626	75	121224	51.45	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	121224	114.01	ug/l #	18
95) Naphthalene	15.390	128	2391	3.54	ug/l #	93

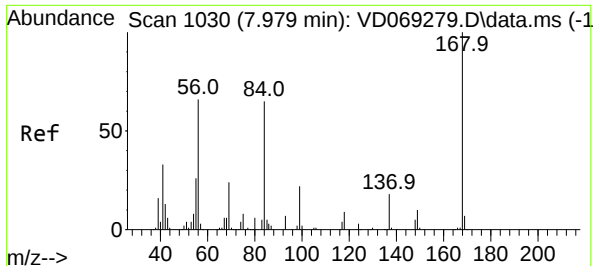
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060921\
Data File : VD069404.D
Acq On : 09 Jun 2021 14:58
Operator : VA/SY
Sample : M2650-03
Misc : 5.07G/5.00ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Jun 10 04:03:27 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060121S.M
Quant Title : SW846 8260
QLast Update : Wed Jun 02 02:17:36 2021
Response via : Initial Calibration

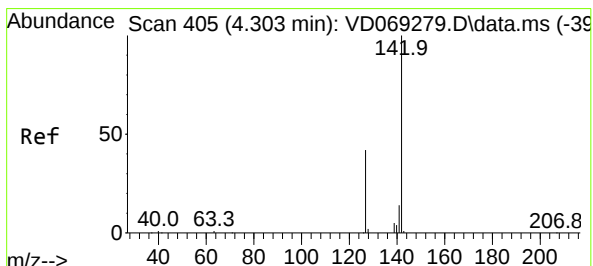
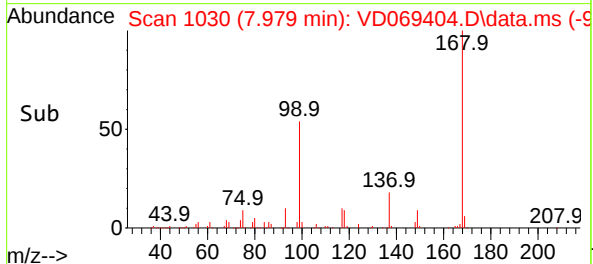
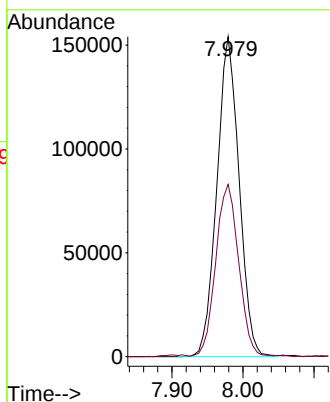
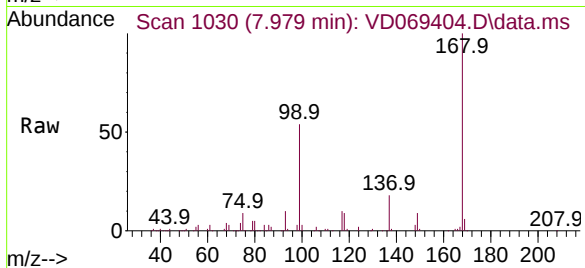




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD069404.D
Acq: 09 Jun 2021 14:58

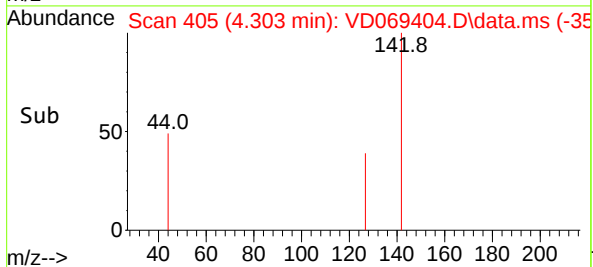
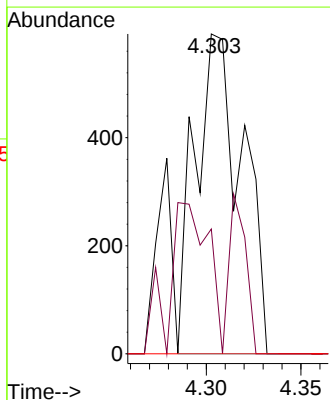
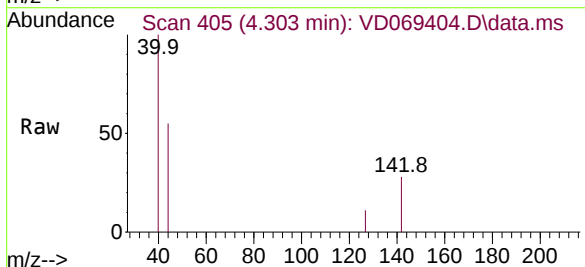
Instrument :
MSVOA_D
ClientSampled :

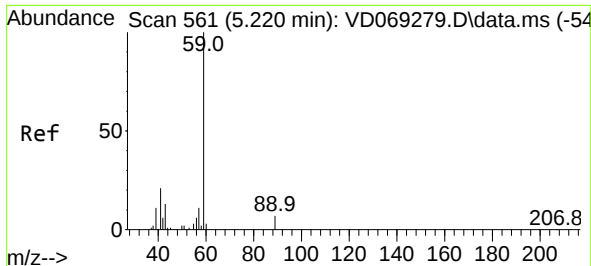
Tgt Ion:168 Resp: 334637
Ion Ratio Lower Upper
168 100
99 53.5 46.2 69.2



#10
Methyl Iodide
Concen: 2.77 ug/l
RT: 4.303 min Scan# 405
Delta R.T. -0.000 min
Lab File: VD069404.D
Acq: 09 Jun 2021 14:58

Tgt Ion:142 Resp: 1031
Ion Ratio Lower Upper
142 100
127 17.6 36.2 54.2#
141 0.0 12.2 18.2#

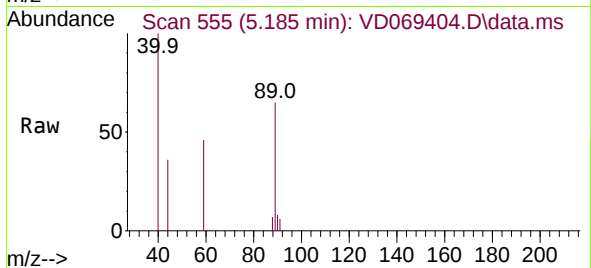




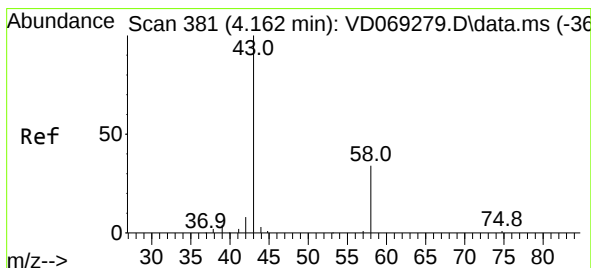
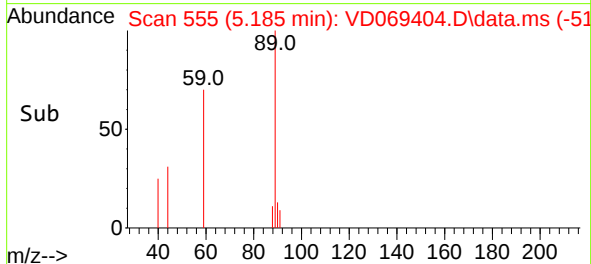
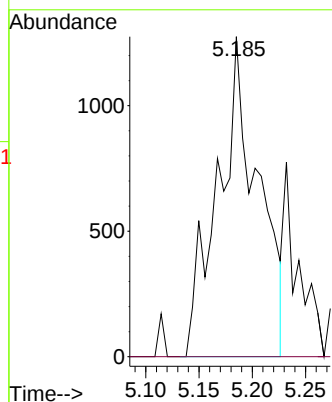
#11

Tert butyl alcohol
Concen: Below Cal
RT: 5.185 min Scan# 555
Delta R.T. -0.035 min
Lab File: VD069404.D
Acq: 09 Jun 2021 14:58

Instrument :
MSVOA_D
ClientSampled :



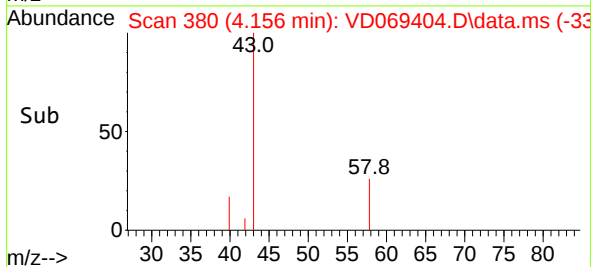
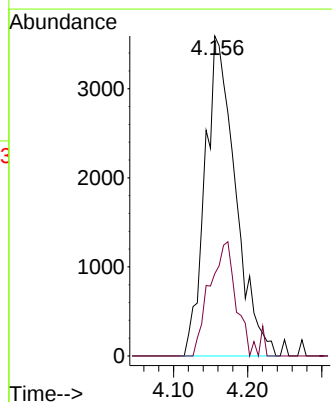
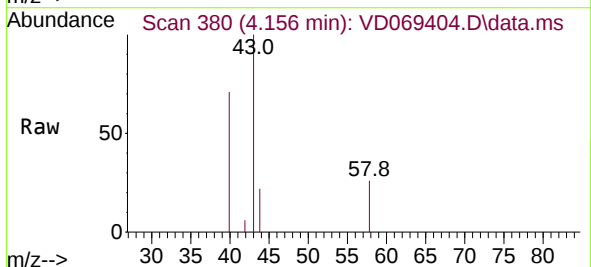
Tgt Ion: 59 Resp: 3328
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

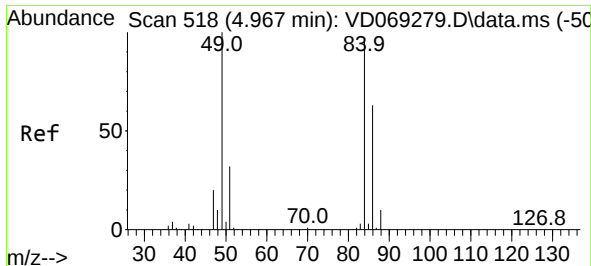


#16

Acetone
Concen: 18.22 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.006 min
Lab File: VD069404.D
Acq: 09 Jun 2021 14:58

Tgt Ion: 43 Resp: 10212
Ion Ratio Lower Upper
43 100
58 25.7 27.5 41.3#

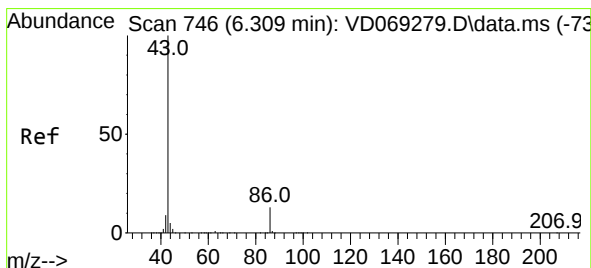
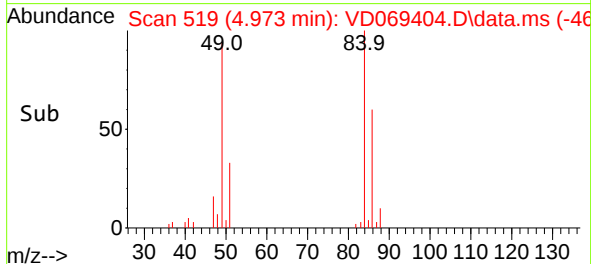
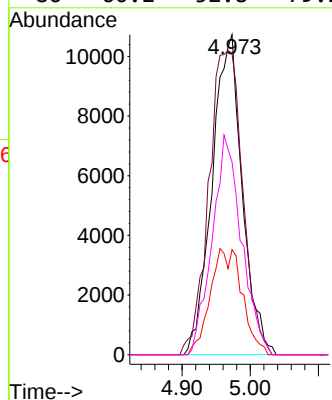
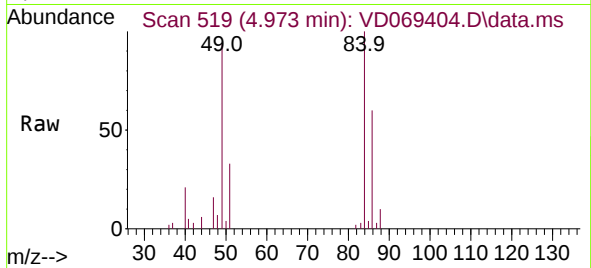




#20
Methylene Chloride
Concen: 1.48 ug/l
RT: 4.973 min Scan# 519
Delta R.T. 0.006 min
Lab File: VD069404.D
Acq: 09 Jun 2021 14:58

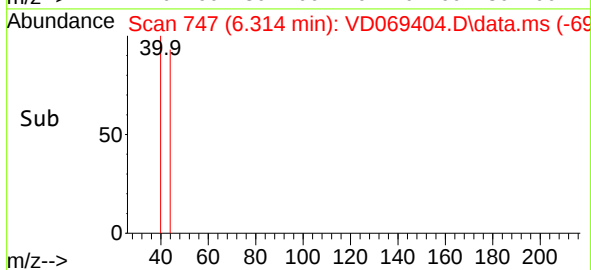
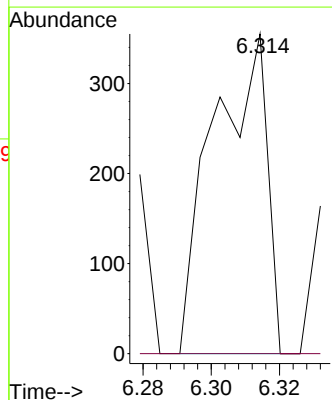
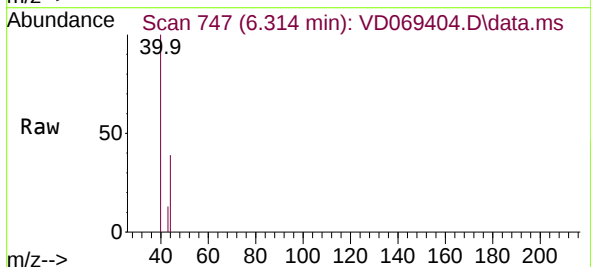
Instrument :
MSVOA_D
ClientSampled :

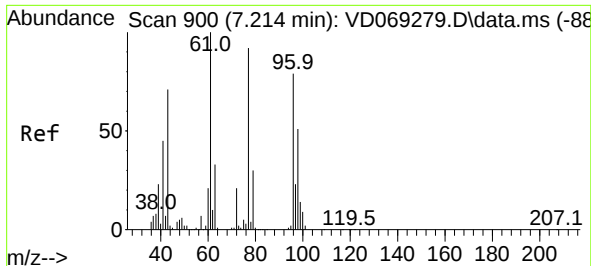
Tgt Ion: 84	Resp: 32963
Ion Ratio	Lower Upper
84 100	
49 94.2	83.7 125.5
51 32.9	26.4 39.6
86 60.2	52.8 79.2



#23
Vinyl Acetate
Concen: 11.69 ug/l
RT: 6.314 min Scan# 747
Delta R.T. 0.005 min
Lab File: VD069404.D
Acq: 09 Jun 2021 14:58

Tgt Ion: 43	Resp: 387
Ion Ratio	Lower Upper
43 100	
86 0.0	10.5 15.7#

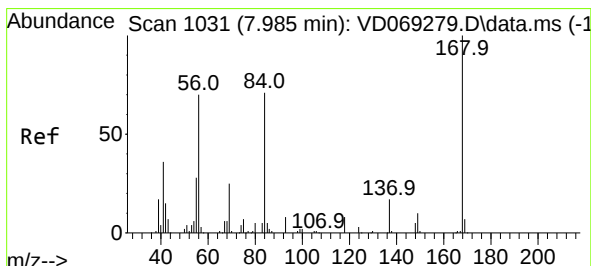
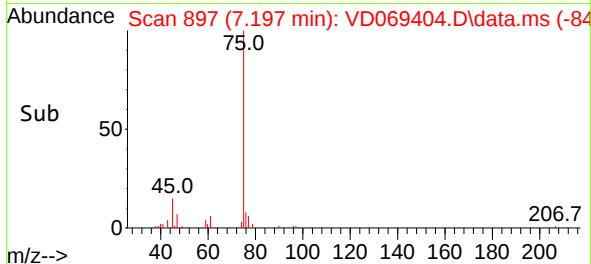
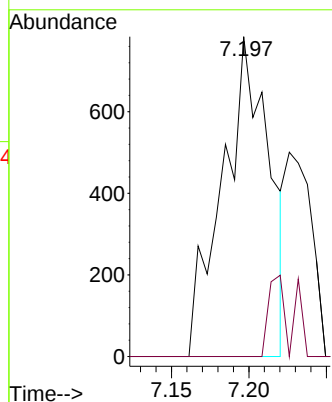
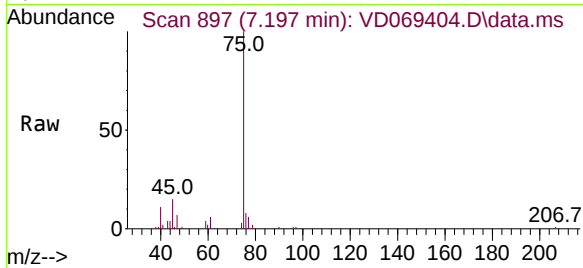




#25
2-Butanone
Concen: 2.22 ug/l
RT: 7.197 min Scan# 897
Delta R.T. -0.018 min
Lab File: VD069404.D
Acq: 09 Jun 2021 14:58

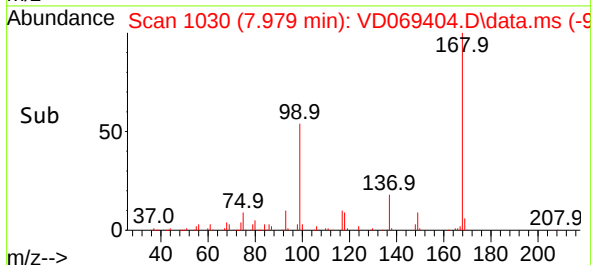
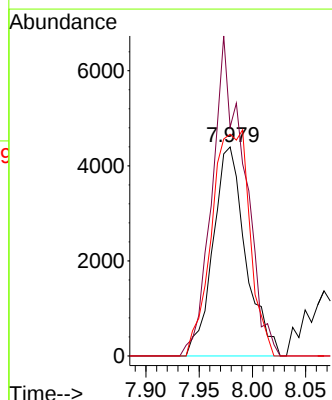
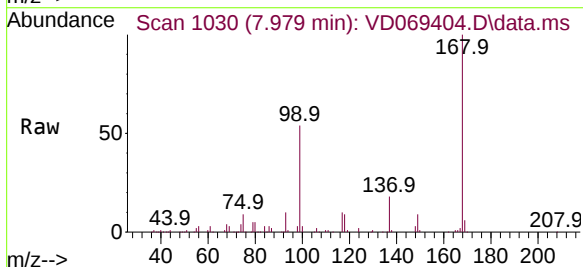
Instrument :
MSVOA_D
ClientSampled :

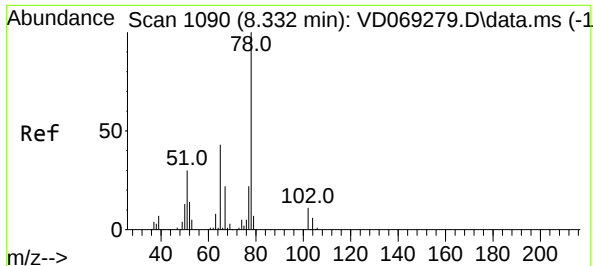
Tgt Ion: 43 Resp: 1634
Ion Ratio Lower Upper
43 100
72 0.0 23.9 35.9#



#31
Cyclohexane
Concen: 1.84 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD069404.D
Acq: 09 Jun 2021 14:58

Tgt Ion: 56 Resp: 9367
Ion Ratio Lower Upper
56 100
69 109.5 29.0 43.4#
84 106.1 81.1 121.7

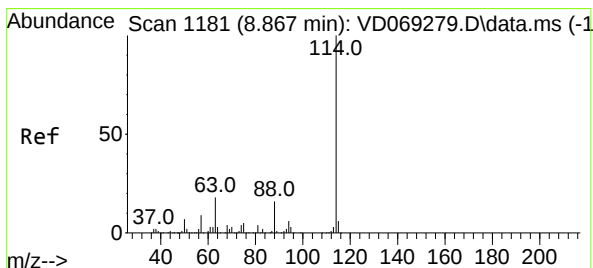
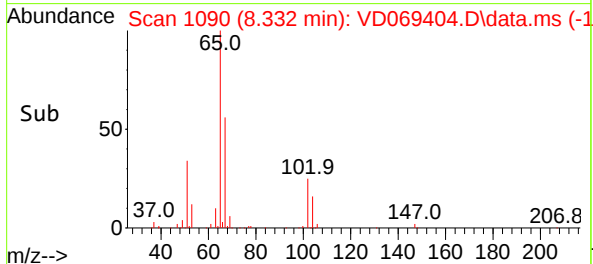
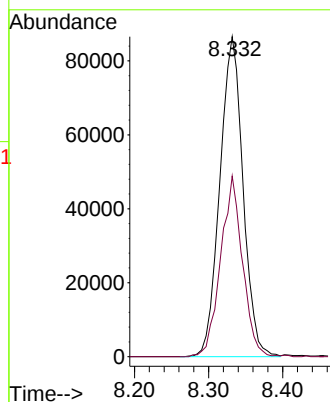
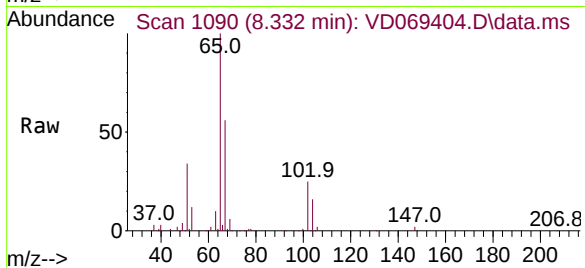




#33
1,2-Dichloroethane-d4
Concen: 58.52 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD069404.D
Acq: 09 Jun 2021 14:58

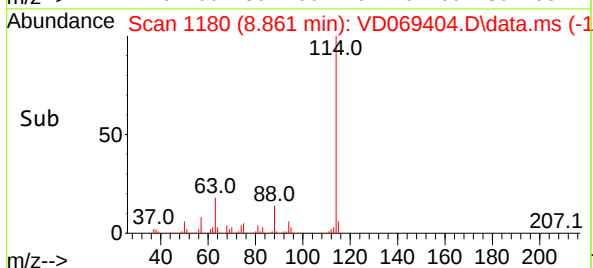
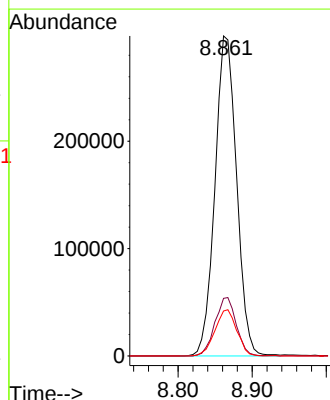
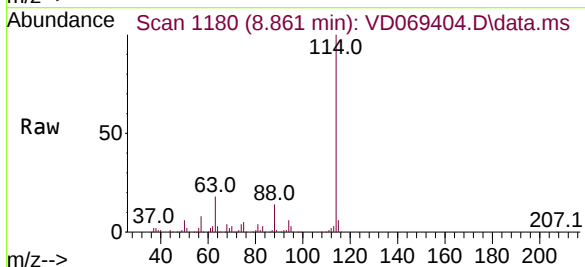
Instrument :
MSVOA_D
ClientSampled :

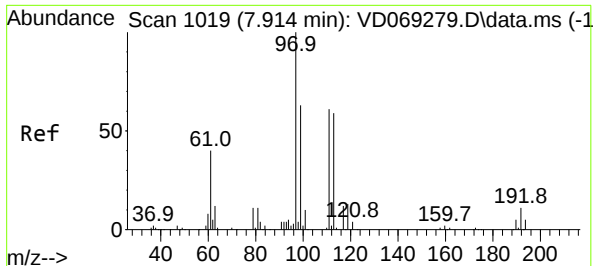
Tgt Ion: 65 Resp: 187912
Ion Ratio Lower Upper
65 100
67 53.3 0.0 105.8



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD069404.D
Acq: 09 Jun 2021 14:58

Tgt Ion: 114 Resp: 604544
Ion Ratio Lower Upper
114 100
63 18.0 0.0 35.6
88 14.1 0.0 31.2





#35

Dibromofluoromethane

Concen: 55.96 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VD069404.D

Acq: 09 Jun 2021 14:58

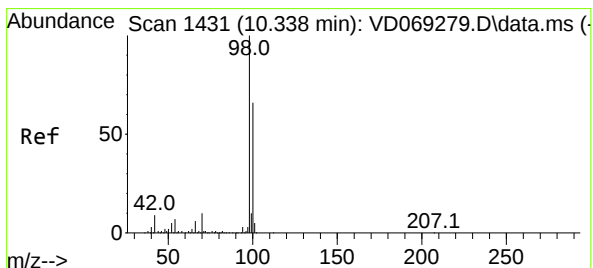
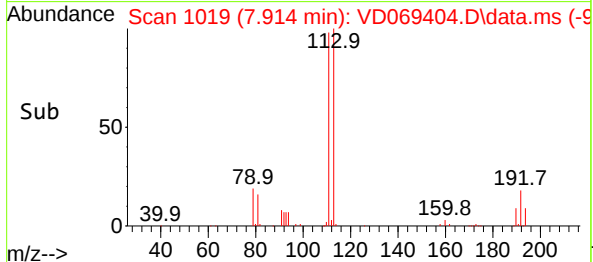
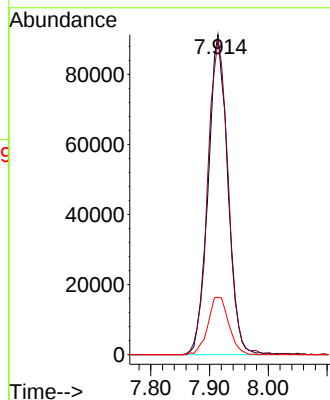
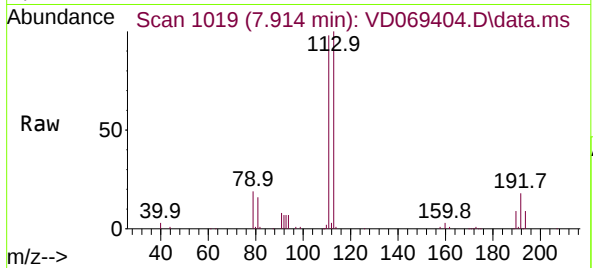
Tgt Ion:113 Resp: 212455

Ion Ratio Lower Upper

113 100

111 101.7 83.0 124.6

192 19.1 15.1 22.7



#50

Toluene-d8

Concen: 54.52 ug/l

RT: 10.338 min Scan# 1431

Delta R.T. -0.000 min

Lab File: VD069404.D

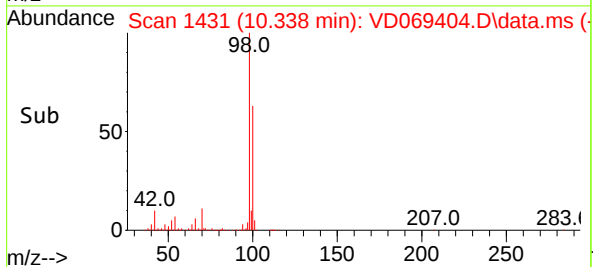
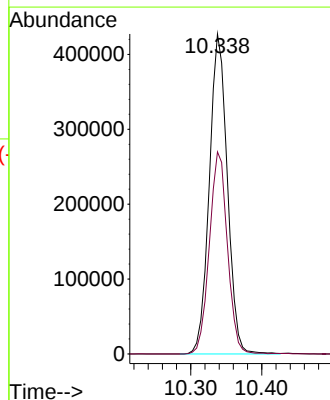
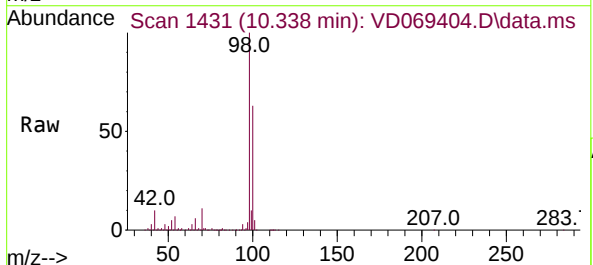
Acq: 09 Jun 2021 14:58

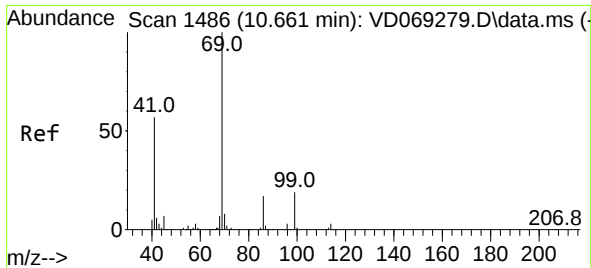
Tgt Ion: 98 Resp: 752642

Ion Ratio Lower Upper

98 100

100 63.2 52.1 78.1

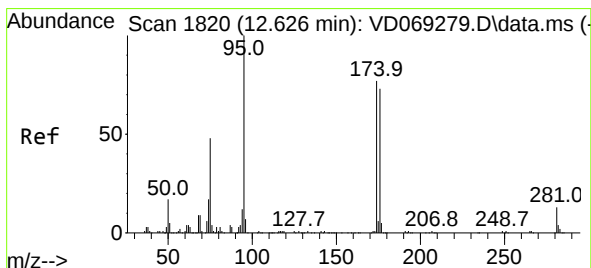
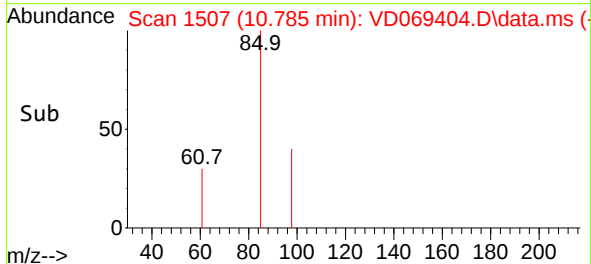
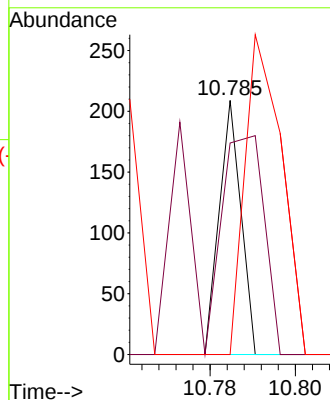
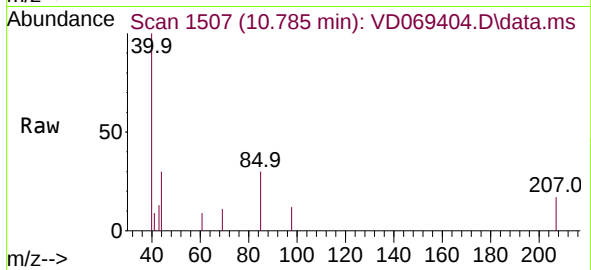




#56
Ethyl methacrylate
Concen: 2.66 ug/l
RT: 10.785 min Scan# 1507
Delta R.T. 0.124 min
Lab File: VD069404.D
Acq: 09 Jun 2021 14:58

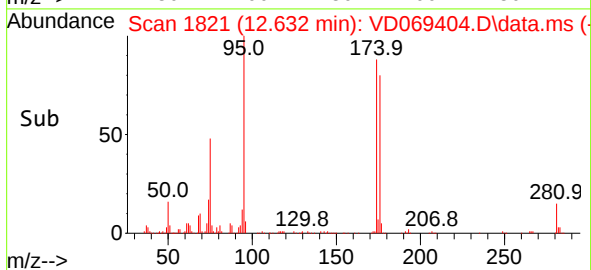
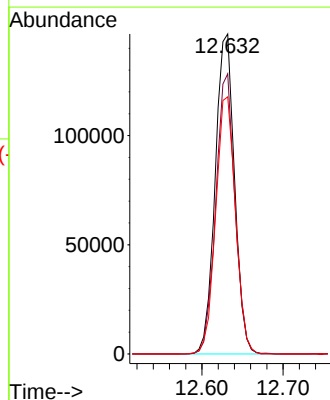
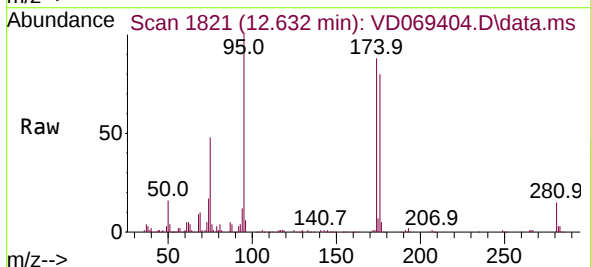
Instrument :
MSVOA_D
ClientSampled :

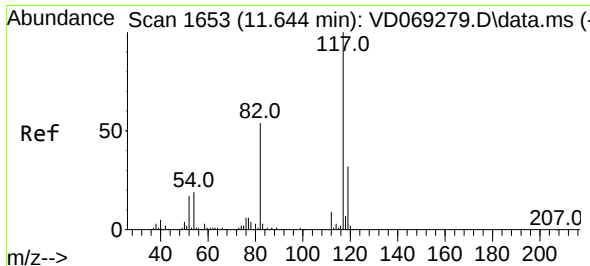
Tgt Ion: 69 Resp: 74
Ion Ratio Lower Upper
69 100
41 168.9 45.4 68.2#
39 212.2 21.7 32.5#



#62
4-Bromofluorobenzene
Concen: 53.70 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD069404.D
Acq: 09 Jun 2021 14:58

Tgt Ion: 95 Resp: 242904
Ion Ratio Lower Upper
95 100
174 86.6 0.0 162.8
176 82.0 0.0 154.4

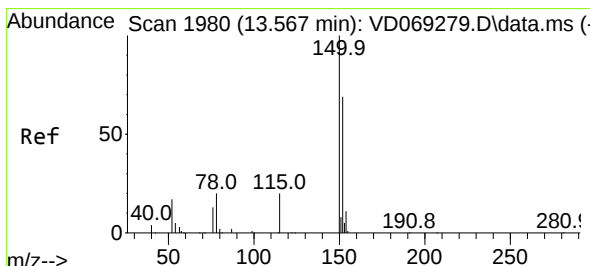
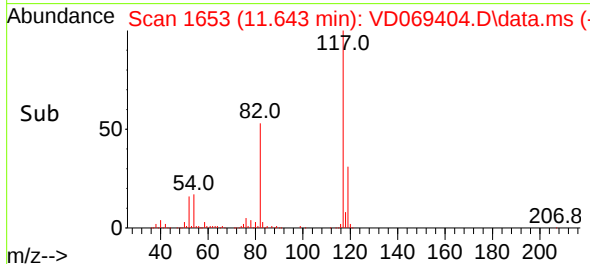
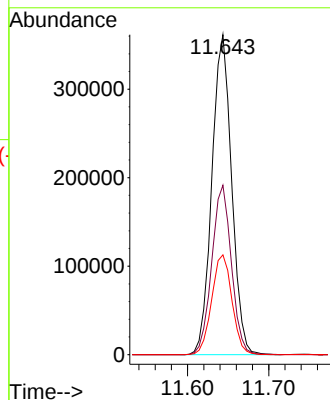
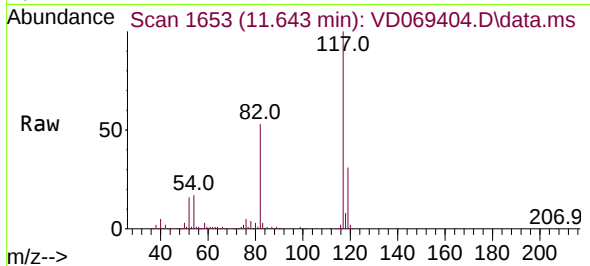




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. -0.000 min
Lab File: VD069404.D
Acq: 09 Jun 2021 14:58

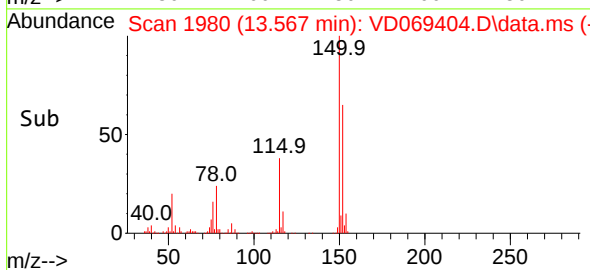
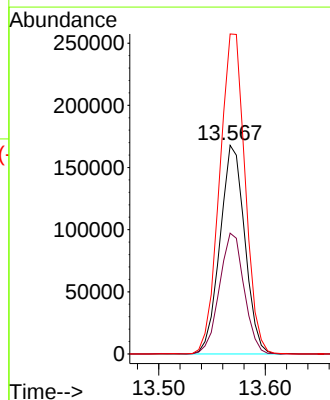
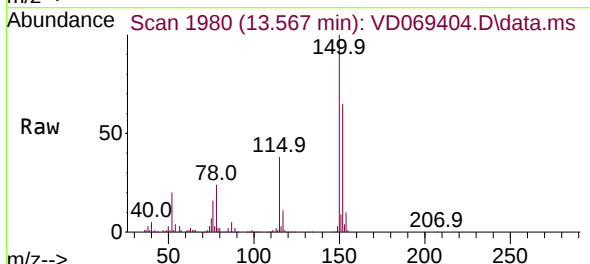
Instrument :
MSVOA_D
ClientSampleId :

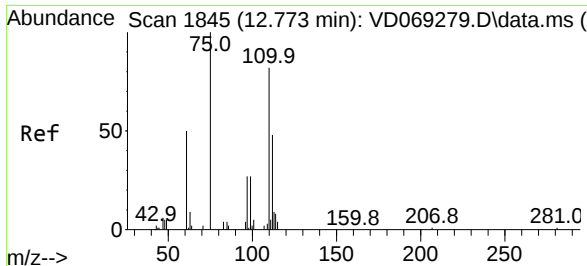
Tgt Ion:117 Resp: 611259
Ion Ratio Lower Upper
117 100
82 53.0 43.3 64.9
119 31.2 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD069404.D
Acq: 09 Jun 2021 14:58

Tgt Ion:152 Resp: 271192
Ion Ratio Lower Upper
152 100
115 57.6 29.4 88.3
150 157.8 0.0 355.0

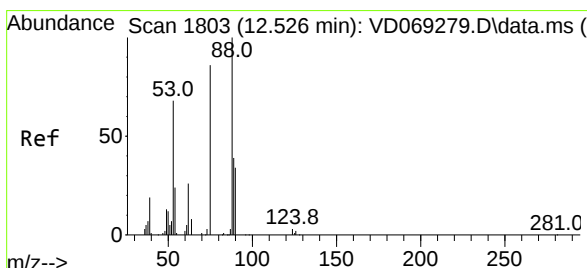
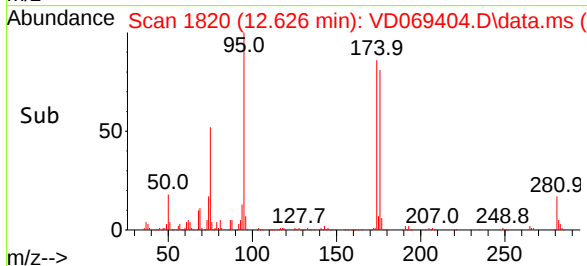
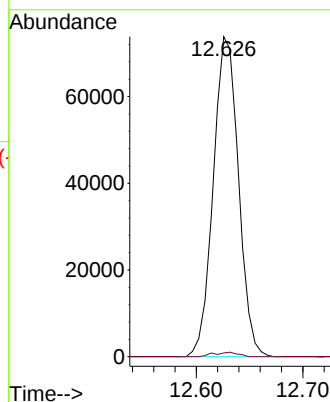
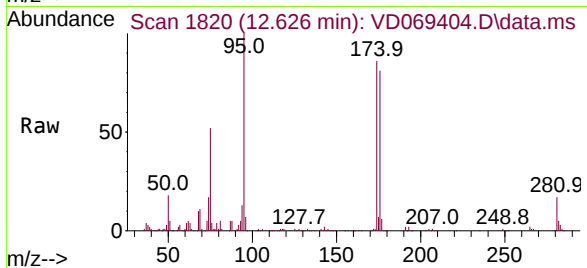




#76
1,2,3-Trichloropropane
Concen: 51.45 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD069404.D
Acq: 09 Jun 2021 14:58

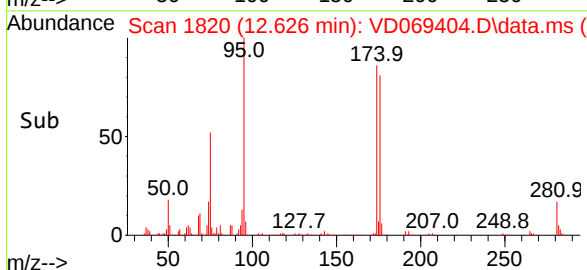
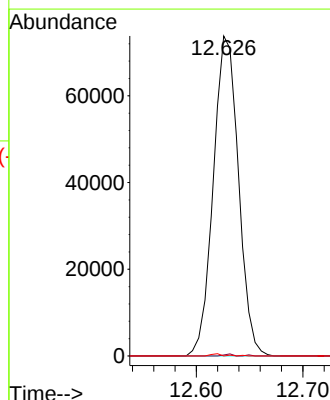
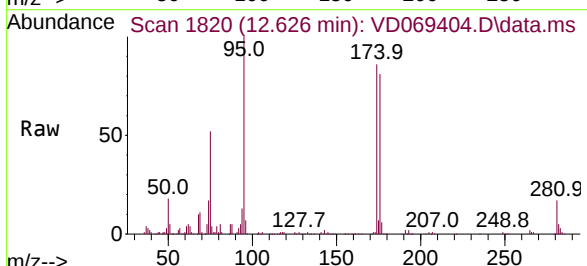
Instrument :
MSVOA_D
ClientSampled :

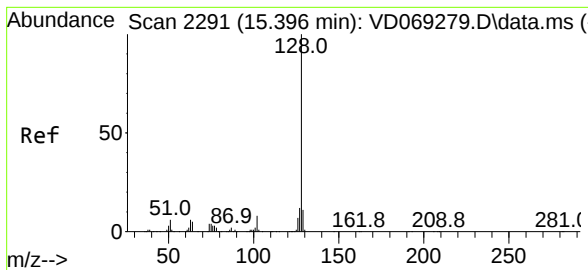
Tgt Ion: 75 Resp: 121224
Ion Ratio Lower Upper
75 100
77 1.3 183.8 551.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 114.01 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.100 min
Lab File: VD069404.D
Acq: 09 Jun 2021 14:58

Tgt Ion: 75 Resp: 121224
Ion Ratio Lower Upper
75 100
53 0.2 62.6 94.0#
89 0.4 35.6 53.4#





#95
Naphthalene
Concen: 3.54 ug/l
RT: 15.390 min Scan# 2290
Delta R.T. -0.006 min
Lab File: VD069404.D
Acq: 09 Jun 2021 14:58

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 2391
Ion Ratio Lower Upper
128 100
127 14.8 10.4 15.6
129 7.4 8.8 13.2#

