

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060721\
 Data File : VD069372.D
 Acq On : 07 Jun 2021 17:11
 Operator : VA/SY
 Sample : M2611-02
 Misc : 5.09G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 T-1A

Quant Time: Jun 08 04:23:28 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)

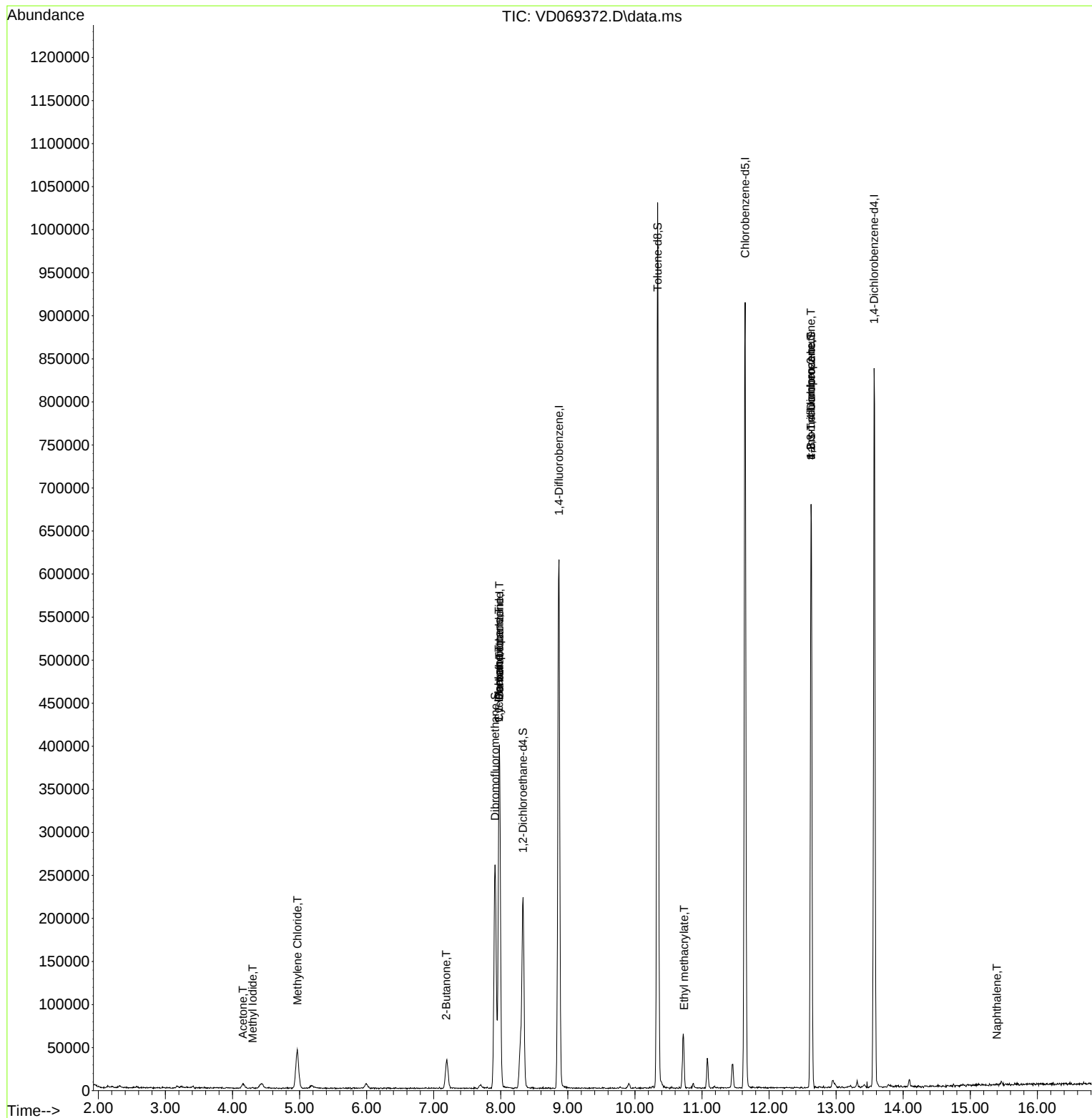
Internal Standards						
1) Pentafluorobenzene	7.979	168	305050	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	553946	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	550296	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	230204	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	173825	59.39	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 118.78%			
35) Dibromofluoromethane	7.914	113	192851	55.44	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 110.88%			
50) Toluene-d8	10.338	98	690122	54.56	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 109.12%			
62) 4-Bromofluorobenzene	12.626	95	213719	51.56	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 103.12%			
Target Compounds						Qvalue
10) Methyl Iodide	4.303	142	66	2.53	ug/l #	39
11) Tert butyl alcohol	5.185	59	3745	Below Cal	#	73
16) Acetone	4.156	43	9230	18.07	ug/l	89
20) Methylene Chloride	4.967	84	35508	3.17	ug/l	98
25) 2-Butanone	7.185	43	1187	1.77	ug/l #	84
31) Cyclohexane	7.973	56	6696	1.44	ug/l #	4
36) 1,1-Dichloropropene	7.973	75	24065	4.47	ug/l #	49
38) Carbon Tetrachloride	7.979	117	30107	5.18	ug/l #	15
56) Ethyl methacrylate	10.732	69	70	2.66	ug/l #	31
76) 1,2,3-Trichloropropane	12.626	75	104693	52.34	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	104693	116.00	ug/l #	18
95) Naphthalene	15.396	128	521	3.36	ug/l #	69

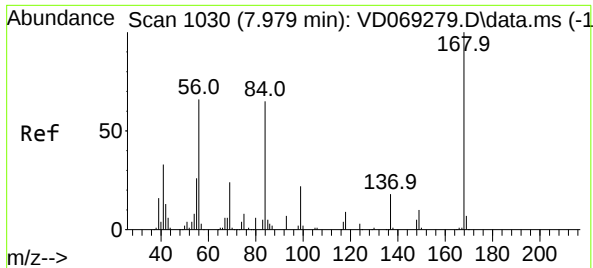
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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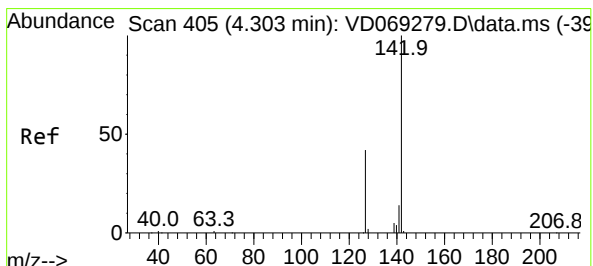
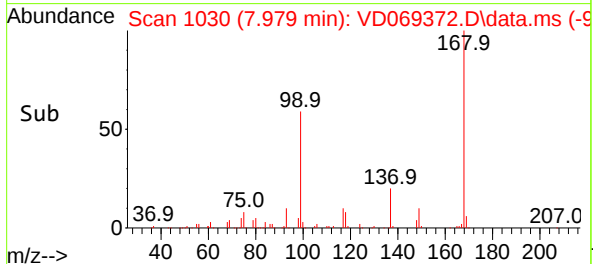
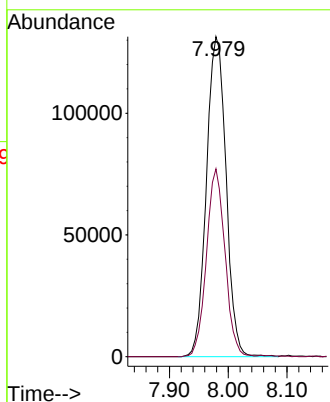
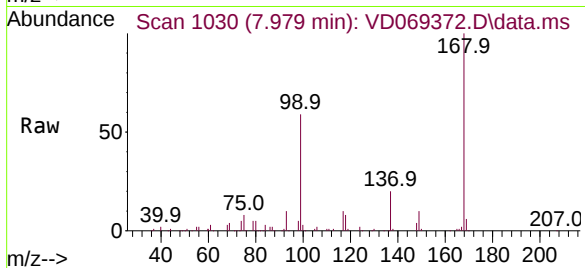




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD069372.D
Acq: 07 Jun 2021 17:11

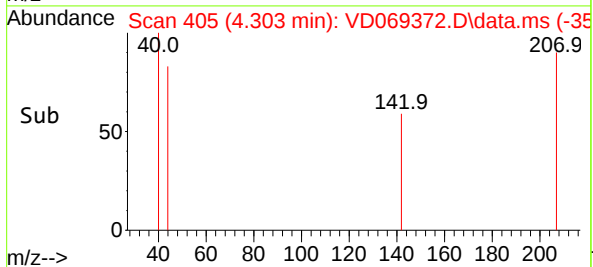
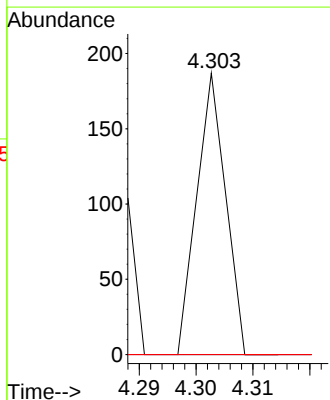
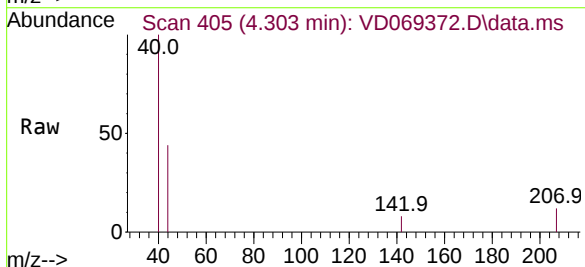
Instrument :
MSVOA_D
ClientSampleId :
T-1A

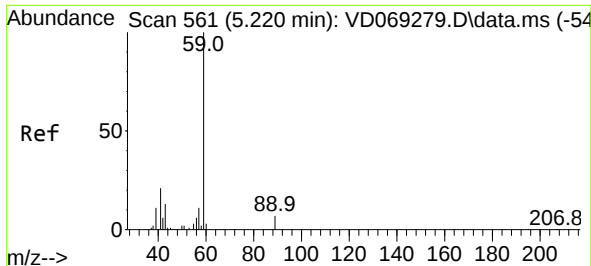
Tgt Ion:168 Resp: 305050
Ion Ratio Lower Upper
168 100
99 58.7 46.2 69.2



#10
Methyl Iodide
Concen: 2.53 ug/l
RT: 4.303 min Scan# 405
Delta R.T. -0.000 min
Lab File: VD069372.D
Acq: 07 Jun 2021 17:11

Tgt Ion:142 Resp: 66
Ion Ratio Lower Upper
142 100
127 0.0 36.2 54.2#
141 0.0 12.2 18.2#



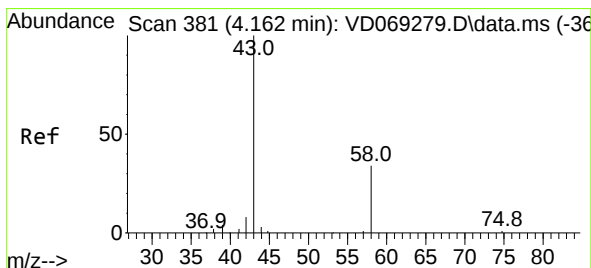
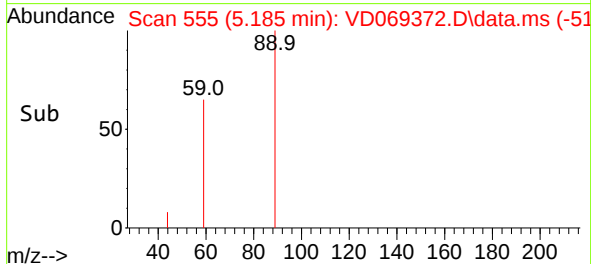
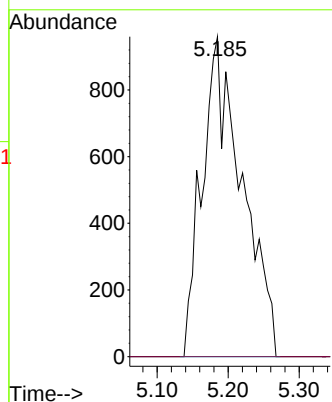
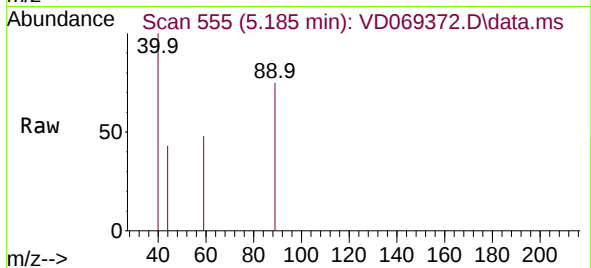


#11

Tert butyl alcohol
Concen: Below Cal
RT: 5.185 min Scan# 555
Delta R.T. -0.035 min
Lab File: VD069372.D
Acq: 07 Jun 2021 17:11

Instrument :
MSVOA_D
ClientSampleId :
T-1A

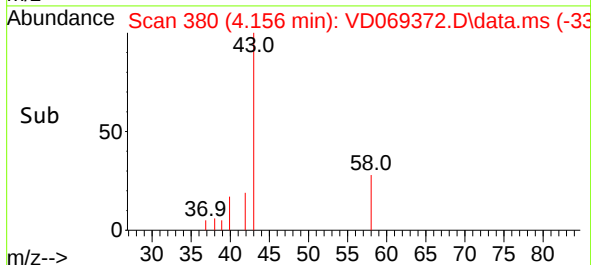
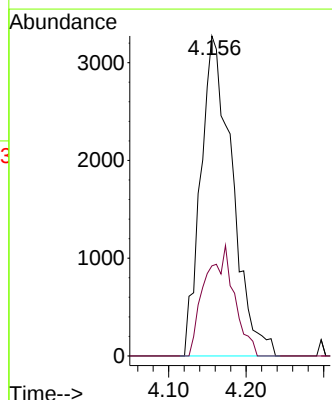
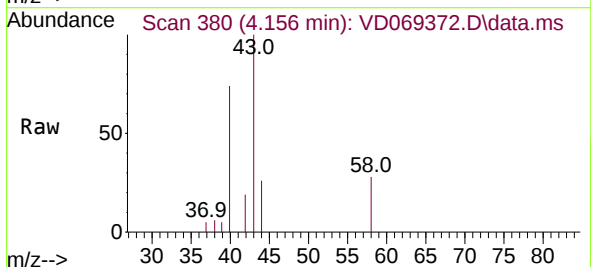
Tgt Ion: 59 Resp: 3745
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

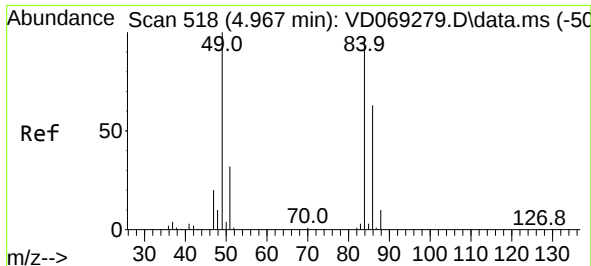


#16

Acetone
Concen: 18.07 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.006 min
Lab File: VD069372.D
Acq: 07 Jun 2021 17:11

Tgt Ion: 43 Resp: 9230
Ion Ratio Lower Upper
43 100
58 28.1 27.5 41.3

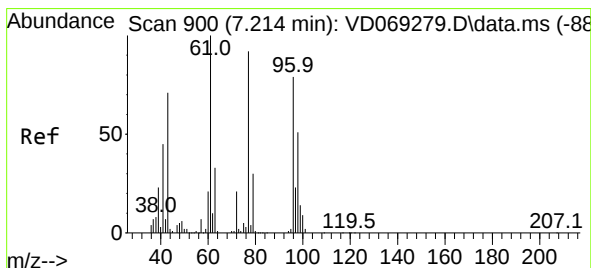
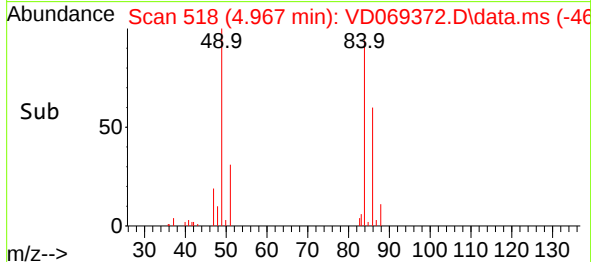
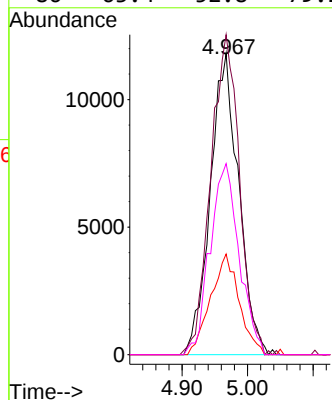
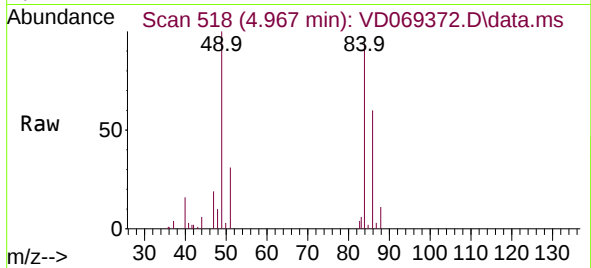




#20
Methylene Chloride
Concen: 3.17 ug/l
RT: 4.967 min Scan# 518
Delta R.T. 0.000 min
Lab File: VD069372.D
Acq: 07 Jun 2021 17:11

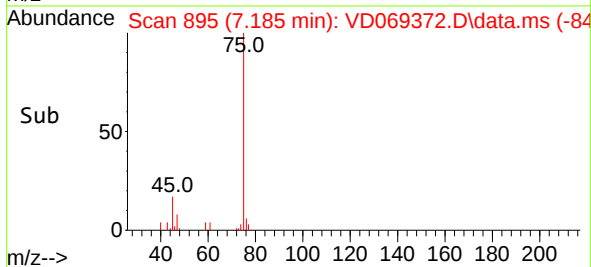
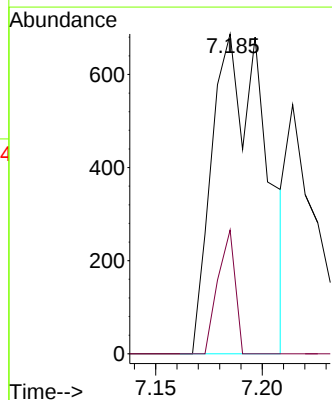
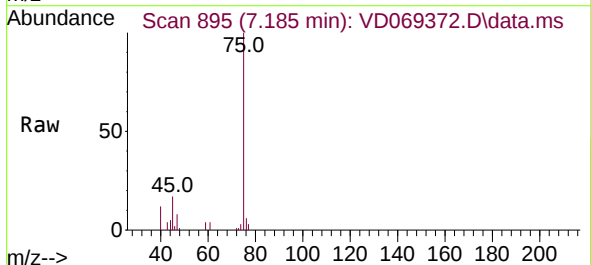
Instrument :
MSVOA_D
ClientSampled :
T-1A

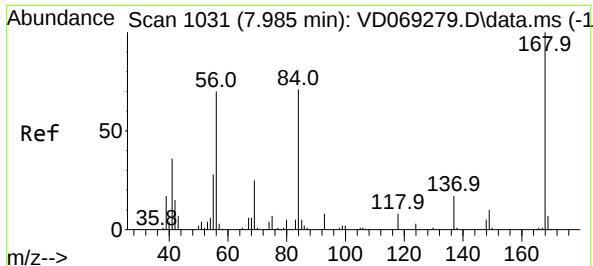
Tgt Ion:	84	Resp:	35508
Ion	Ratio	Lower	Upper
84	100		
49	106.2	83.7	125.5
51	33.4	26.4	39.6
86	63.4	52.8	79.2



#25
2-Butanone
Concen: 1.77 ug/l
RT: 7.185 min Scan# 895
Delta R.T. -0.029 min
Lab File: VD069372.D
Acq: 07 Jun 2021 17:11

Tgt Ion:	43	Resp:	1187
Ion	Ratio	Lower	Upper
43	100		
72	38.7	23.9	35.9#

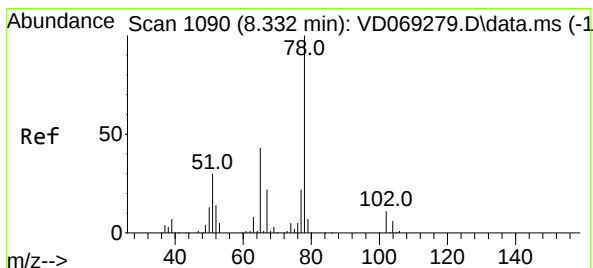
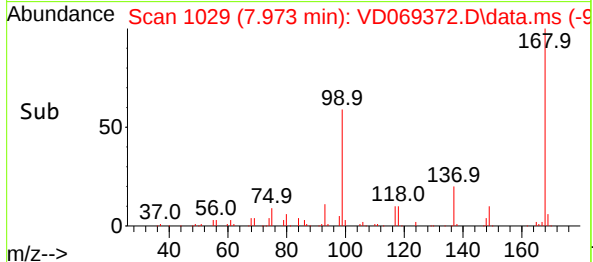
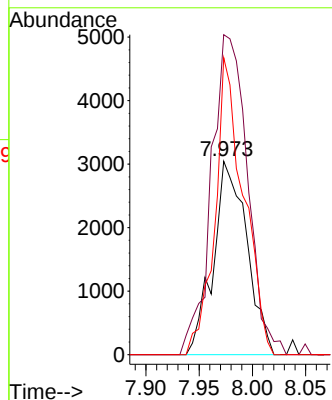
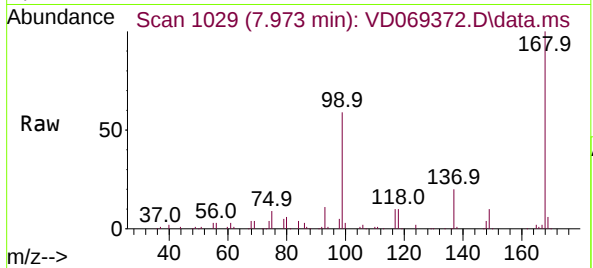




#31
Cyclohexane
Concen: 1.44 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD069372.D
Acq: 07 Jun 2021 17:11

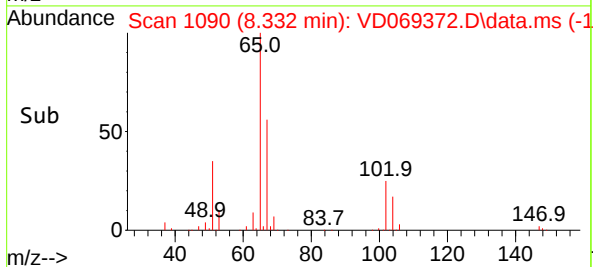
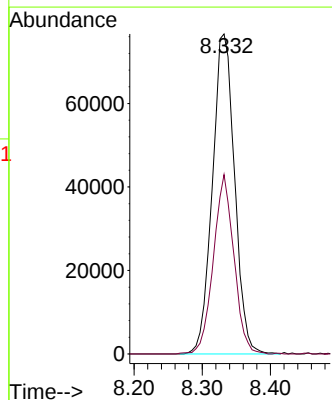
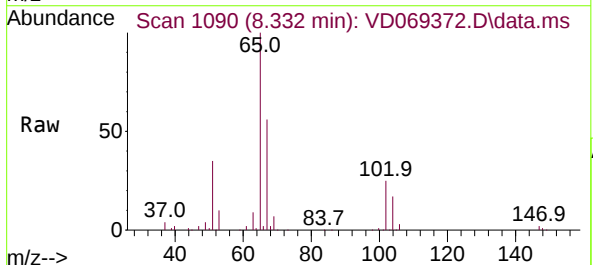
Instrument :
MSVOA_D
ClientSampled :
T-1A

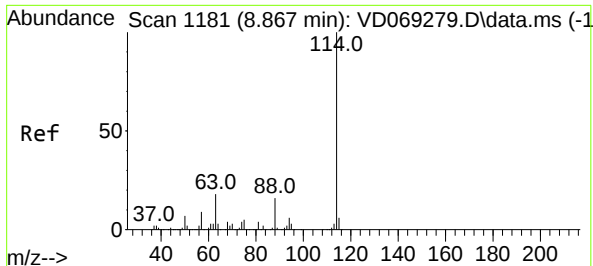
Tgt Ion: 56 Resp: 6696
Ion Ratio Lower Upper
56 100
69 165.4 29.0 43.4#
84 153.5 81.1 121.7#



#33
1,2-Dichloroethane-d4
Concen: 59.39 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD069372.D
Acq: 07 Jun 2021 17:11

Tgt Ion: 65 Resp: 173825
Ion Ratio Lower Upper
65 100
67 51.9 0.0 105.8





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.867 min Scan# 1181

Delta R.T. 0.000 min

Lab File: VD069372.D

Acq: 07 Jun 2021 17:11

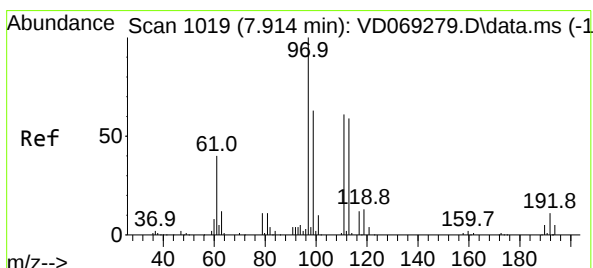
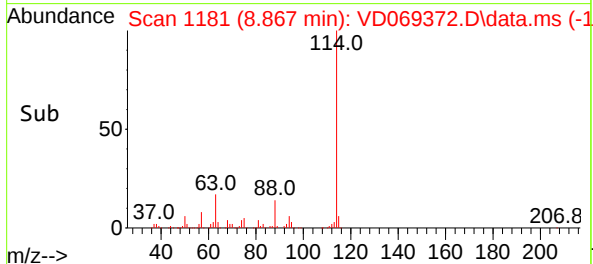
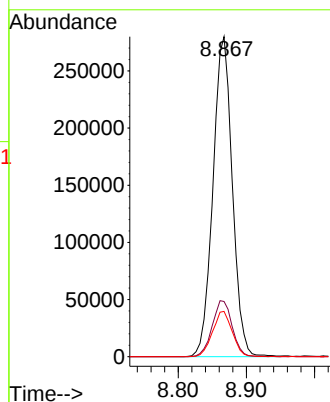
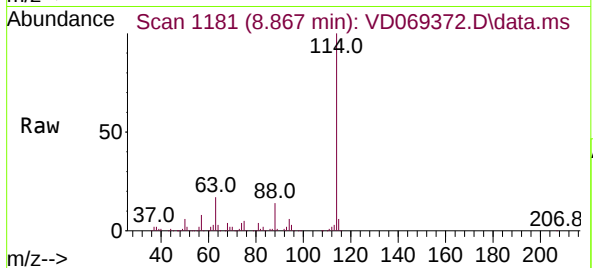
Instrument :

MSVOA_D

ClientSampleId :

T-1A

Tgt Ion:	114	Resp:	553946
Ion	Ratio	Lower	Upper
114	100		
63	17.3	0.0	35.6
88	14.1	0.0	31.2



#35

Dibromofluoromethane

Concen: 55.44 ug/l

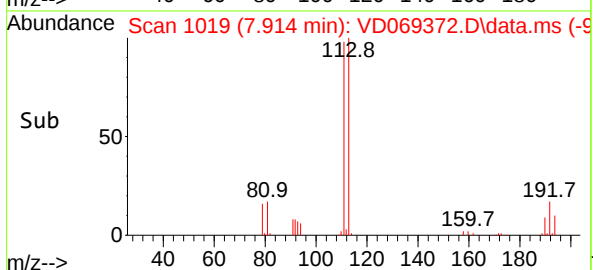
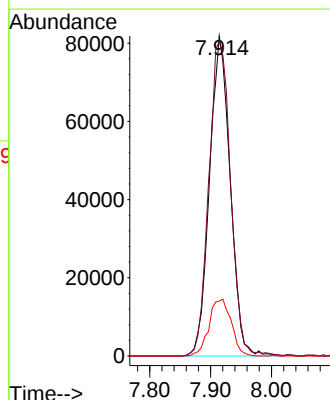
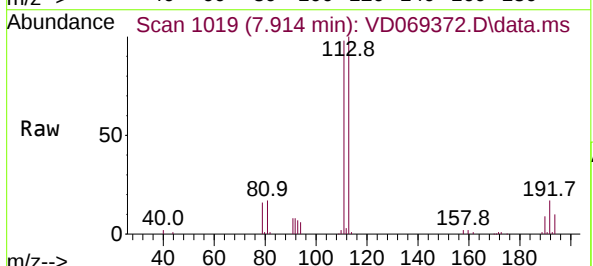
RT: 7.914 min Scan# 1019

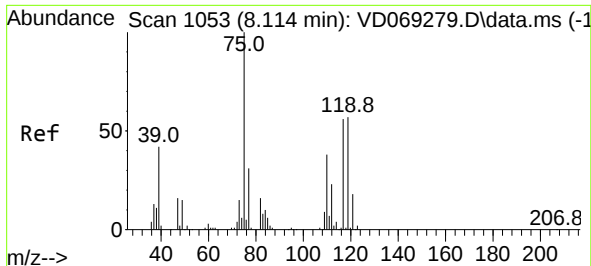
Delta R.T. -0.000 min

Lab File: VD069372.D

Acq: 07 Jun 2021 17:11

Tgt Ion:	113	Resp:	192851
Ion	Ratio	Lower	Upper
113	100		
111	103.5	83.0	124.6
192	19.1	15.1	22.7

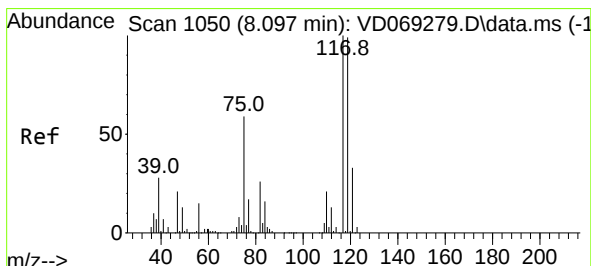
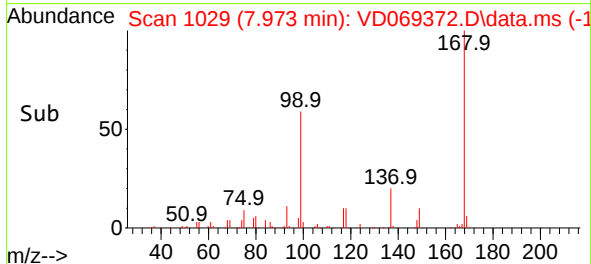
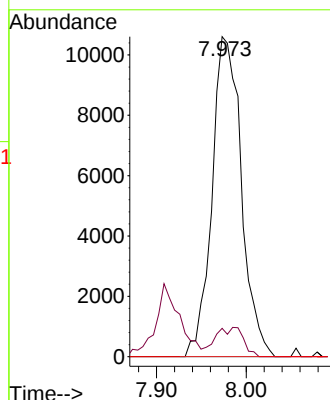
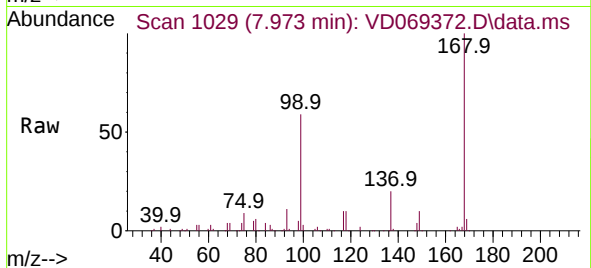




#36
1,1-Dichloropropene
Concen: 4.47 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.141 min
Lab File: VD069372.D
Acq: 07 Jun 2021 17:11

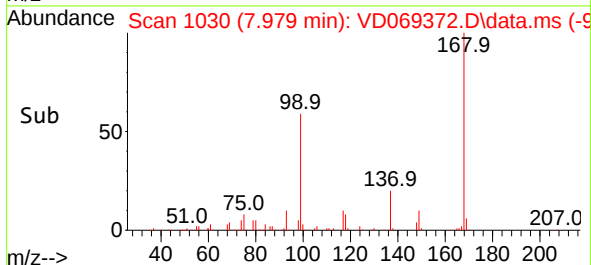
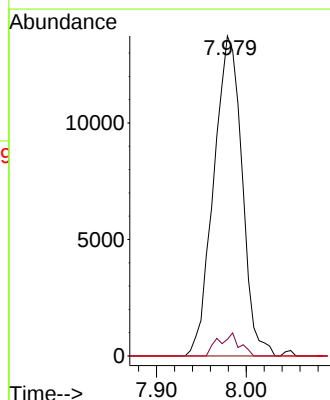
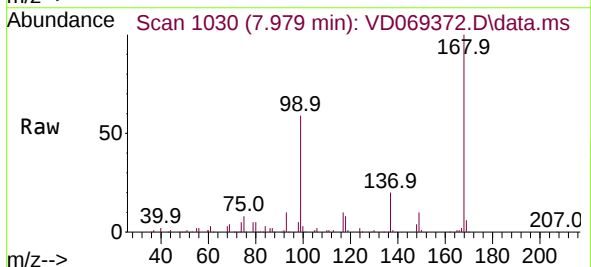
Instrument :
MSVOA_D
ClientSampled :
T-1A

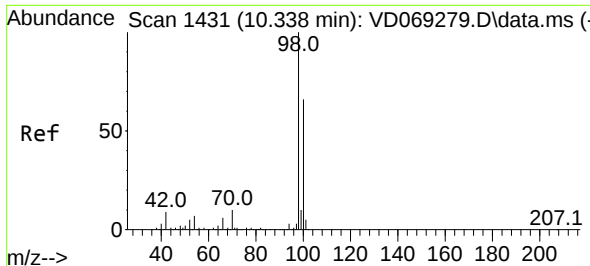
Tgt Ion: 75 Resp: 24065
Ion Ratio Lower Upper
75 100
110 8.9 18.4 55.2#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 5.18 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD069372.D
Acq: 07 Jun 2021 17:11

Tgt Ion: 117 Resp: 30107
Ion Ratio Lower Upper
117 100
119 5.2 79.4 119.2#
121 0.0 26.1 39.1#

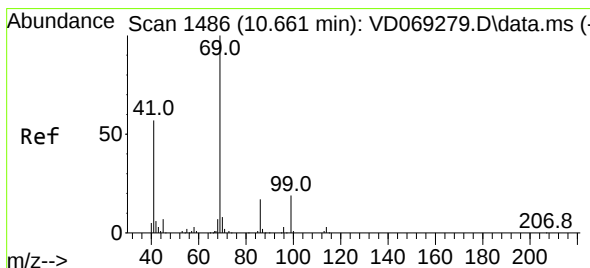
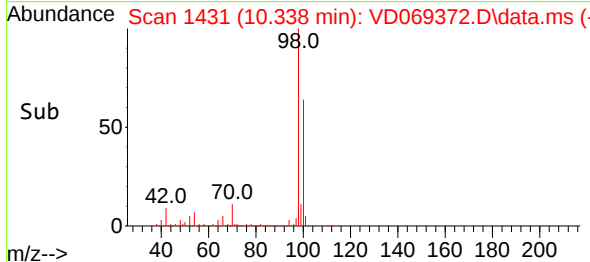
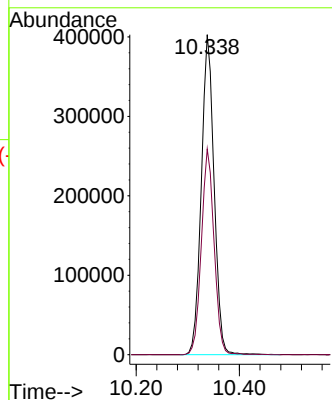
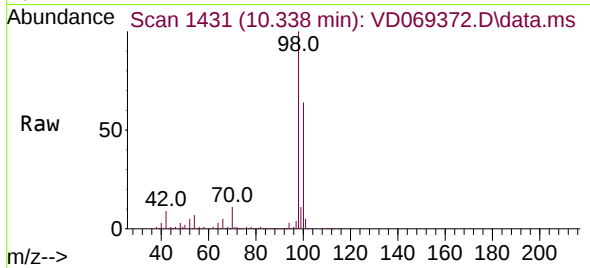




#50
Toluene-d8
Concen: 54.56 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069372.D
Acq: 07 Jun 2021 17:11

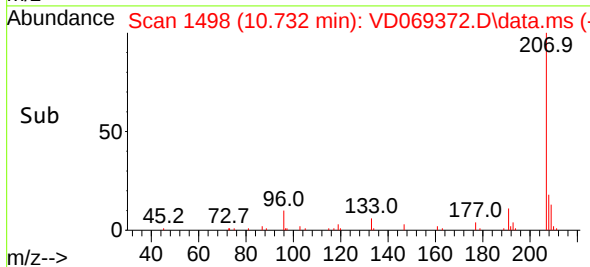
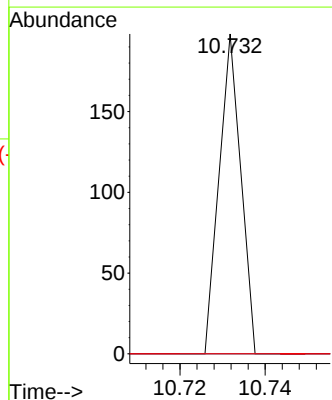
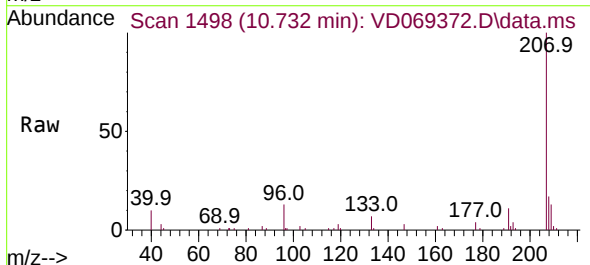
Instrument :
MSVOA_D
ClientSampleId :
T-1A

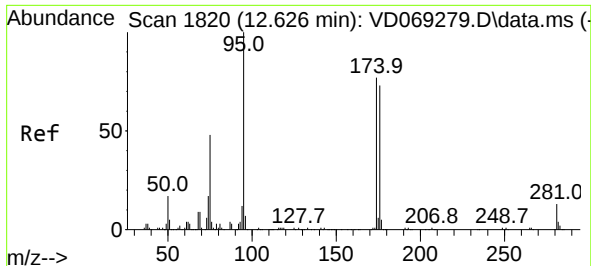
Tgt Ion: 98 Resp: 690122
Ion Ratio Lower Upper
98 100
100 64.1 52.1 78.1



#56
Ethyl methacrylate
Concen: 2.66 ug/l
RT: 10.732 min Scan# 1498
Delta R.T. 0.071 min
Lab File: VD069372.D
Acq: 07 Jun 2021 17:11

Tgt Ion: 69 Resp: 70
Ion Ratio Lower Upper
69 100
41 0.0 45.4 68.2#
39 0.0 21.7 32.5#

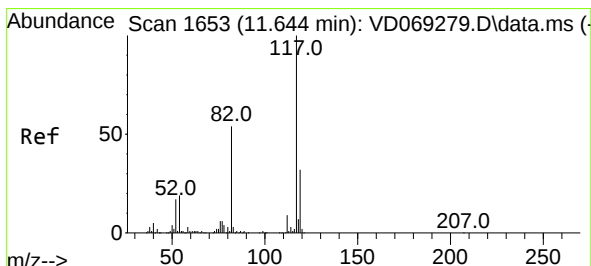
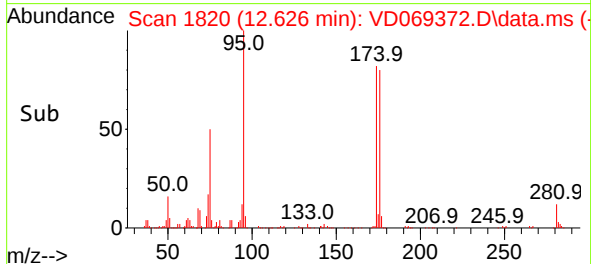
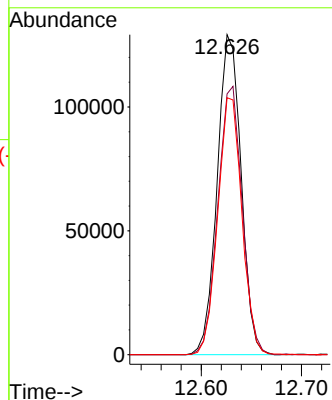
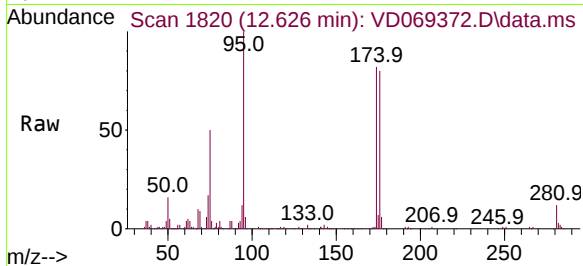




#62
4-Bromofluorobenzene
Concen: 51.56 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069372.D
Acq: 07 Jun 2021 17:11

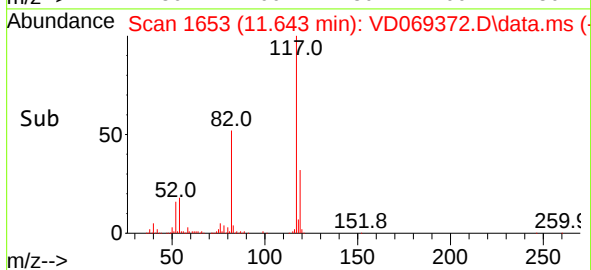
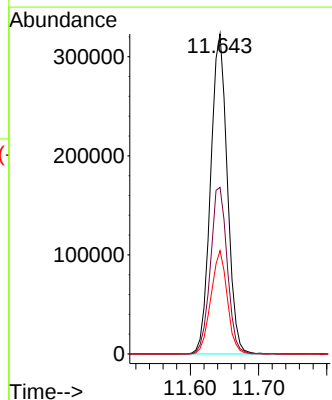
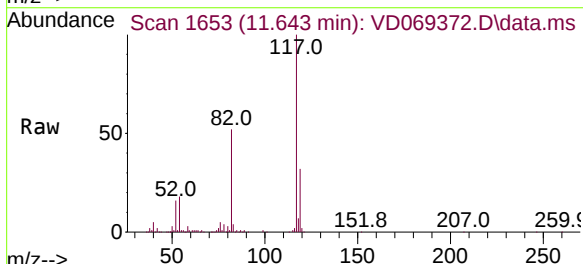
Instrument :
MSVOA_D
ClientSampleId :
T-1A

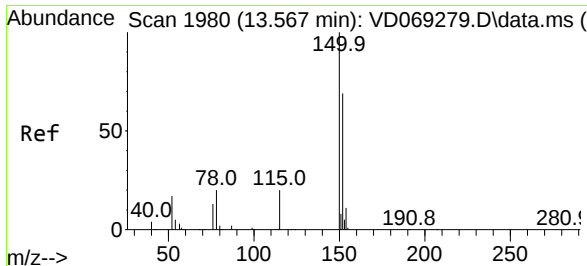
Tgt Ion:	95	Resp:	213719
Ion	Ratio	Lower	Upper
95	100		
174	85.4	0.0	162.8
176	81.1	0.0	154.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. -0.000 min
Lab File: VD069372.D
Acq: 07 Jun 2021 17:11

Tgt Ion:	117	Resp:	550296
Ion	Ratio	Lower	Upper
117	100		
82	52.1	43.3	64.9
119	32.3	25.3	37.9

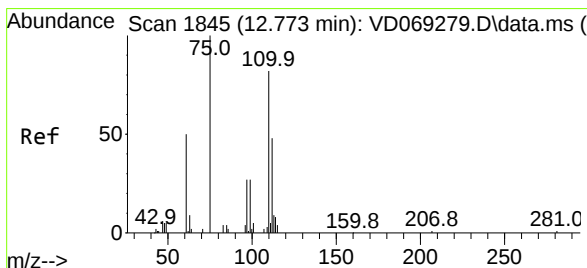
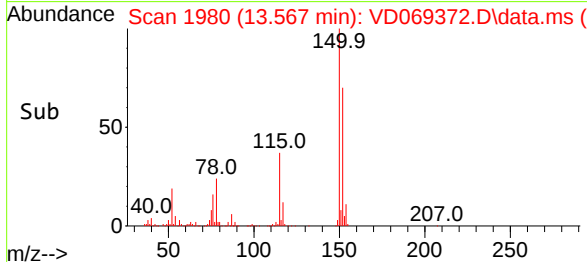
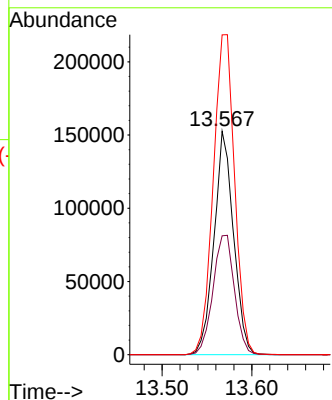
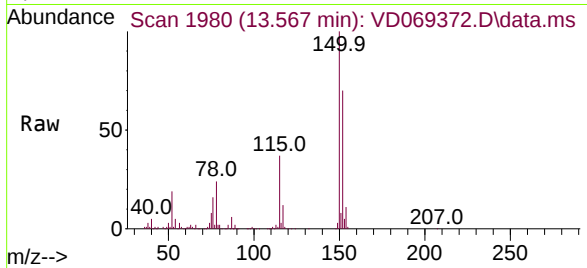




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. -0.000 min
 Lab File: VD069372.D
 Acq: 07 Jun 2021 17:11

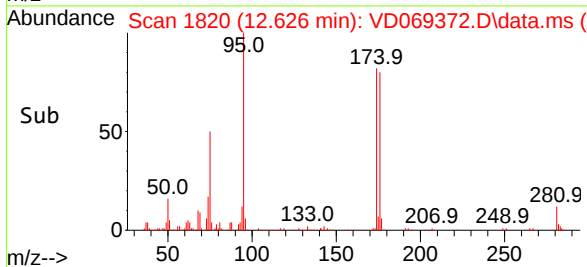
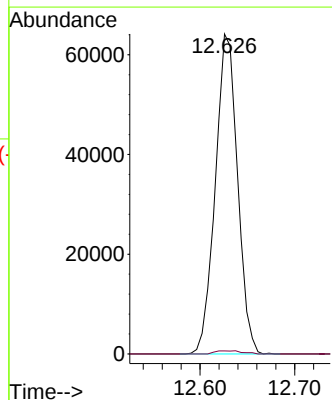
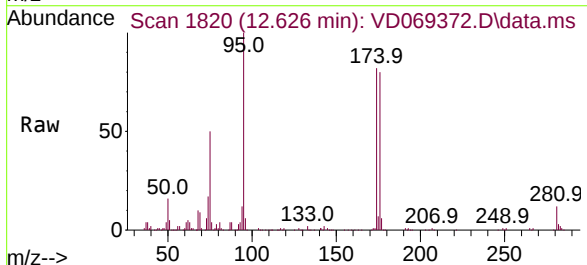
Instrument :
 MSVOA_D
 ClientSampleId :
 T-1A

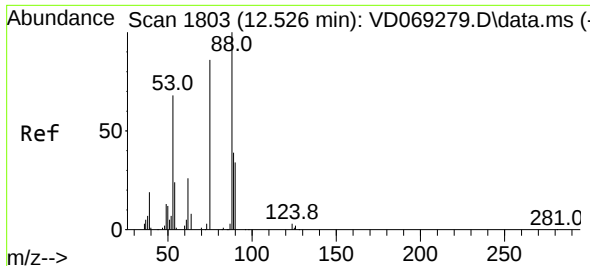
Tgt Ion:152 Resp: 230204
 Ion Ratio Lower Upper
 152 100
 115 58.9 29.4 88.3
 150 156.9 0.0 355.0



#76
 1,2,3-Trichloropropane
 Concen: 52.34 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. -0.147 min
 Lab File: VD069372.D
 Acq: 07 Jun 2021 17:11

Tgt Ion: 75 Resp: 104693
 Ion Ratio Lower Upper
 75 100
 77 1.2 183.8 551.2#

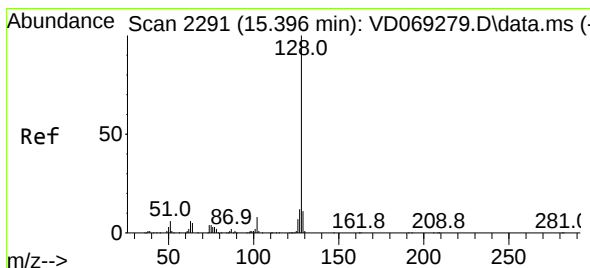
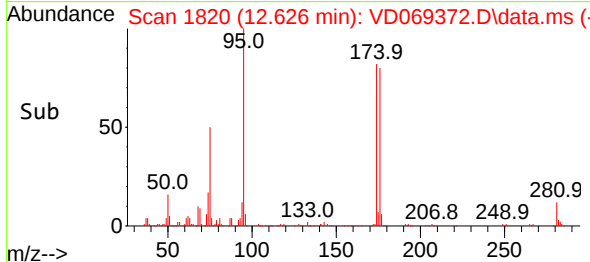
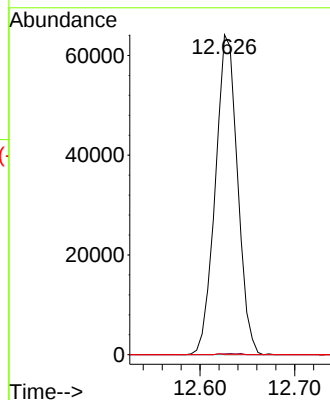
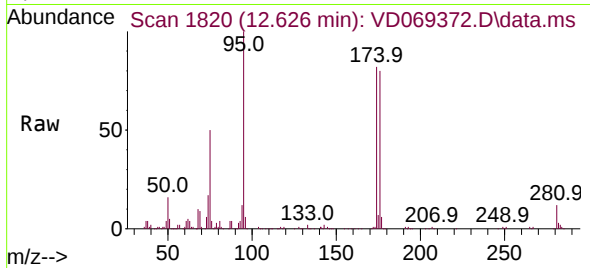




#81
trans-1,4-Dichloro-2-butene
Concen: 116.00 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.100 min
Lab File: VD069372.D
Acq: 07 Jun 2021 17:11

Instrument :
MSVOA_D
ClientSampleId :
T-1A

Tgt Ion: 75 Resp: 104693
Ion Ratio Lower Upper
75 100
53 0.3 62.6 94.0#
89 0.1 35.6 53.4#



#95
Naphthalene
Concen: 3.36 ug/l
RT: 15.396 min Scan# 2291
Delta R.T. 0.000 min
Lab File: VD069372.D
Acq: 07 Jun 2021 17:11

Tgt Ion: 128 Resp: 521
Ion Ratio Lower Upper
128 100
127 0.0 10.4 15.6#
129 0.0 8.8 13.2#

