

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060821\
 Data File : VD069397.D
 Acq On : 08 Jun 2021 20:01
 Operator : VA/SY
 Sample : M2625-13RE
 Misc : 7.51G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

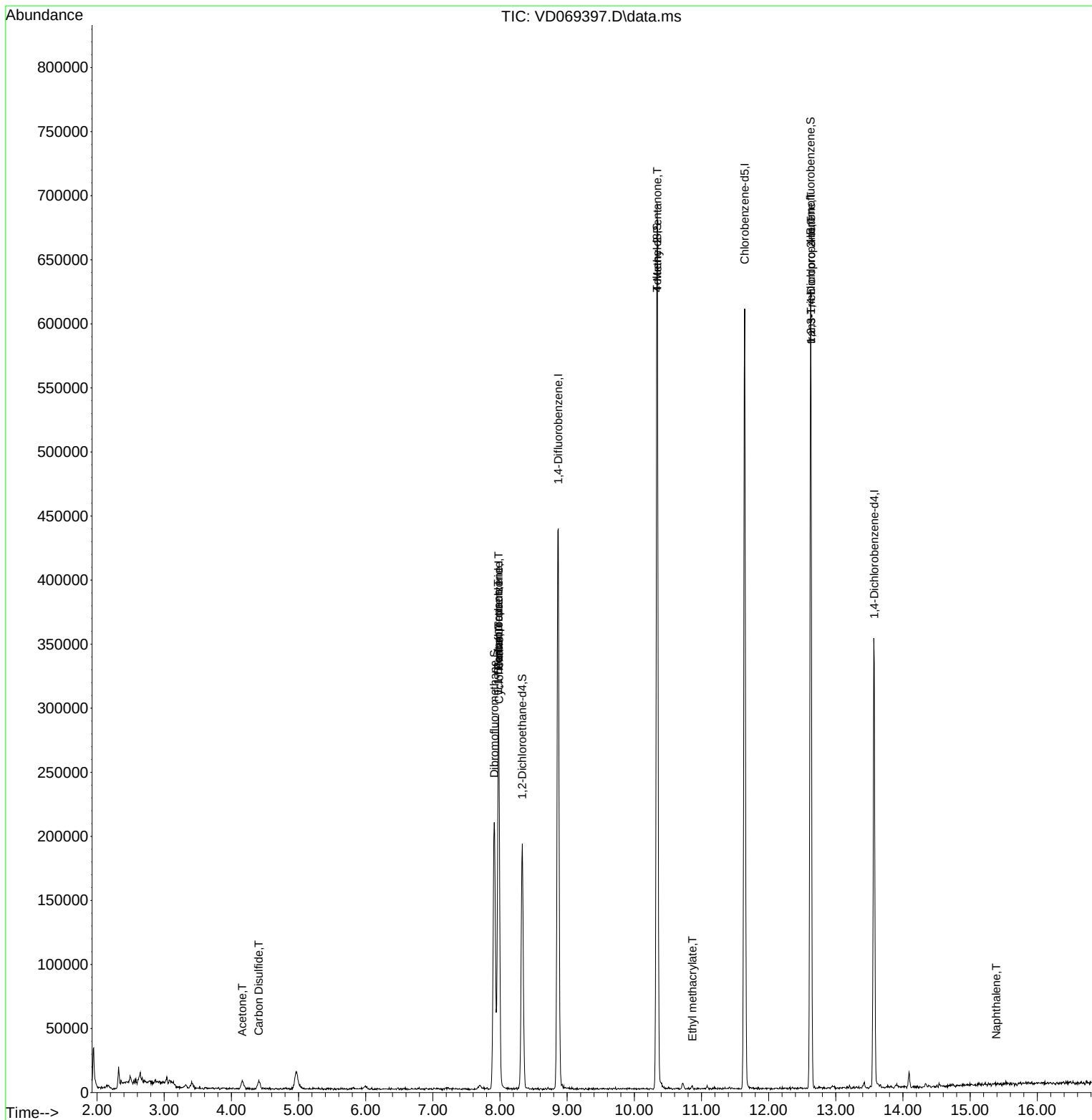
Quant Time: Jun 09 02:11:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060121S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 02 02:17:36 2021
 Response via : Initial Calibration

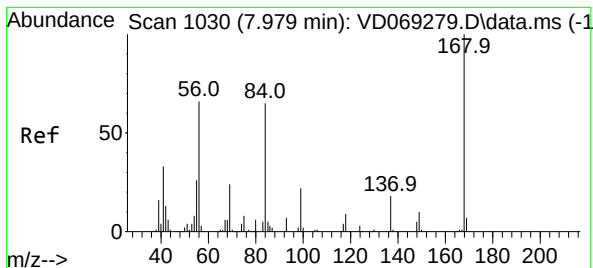
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.979	168	219607	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	391374	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	369255	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	95625	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	150736	71.535	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 143.060%			
35) Dibromofluoromethane	7.914	113	155525	63.280	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 126.560%			
50) Toluene-d8	10.338	98	496509	55.555	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 111.120%			
62) 4-Bromofluorobenzene	12.626	95	119734	40.886	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 81.780%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.214	59	209	Below Cal	#	73
16) Acetone	4.161	43	10412	28.315	ug/l #	75
17) Carbon Disulfide	4.409	76	13508	1.855	ug/l	99
20) Methylene Chloride	4.973	84	10481	Below Cal		97
31) Cyclohexane	7.985	56	4937	1.475	ug/l #	36
36) 1,1-Dichloropropene	7.973	75	17013	4.472	ug/l #	49
38) Carbon Tetrachloride	7.979	117	23425	5.703	ug/l #	17
51) 4-Methyl-2-Pentanone	10.344	43	1673	1.378	ug/l #	1
56) Ethyl methacrylate	10.867	69	67	2.664	ug/l #	1
76) 1,2,3-Trichloropropane	12.632	75	61649	74.202	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.632	75	61649	164.433	ug/l #	19
95) Naphthalene	15.390	128	116	3.335	ug/l #	69

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

Quant Time: Jun 09 02:11:09 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

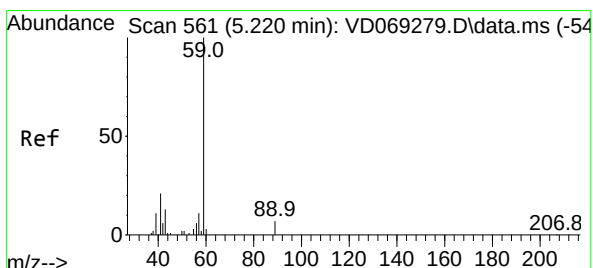
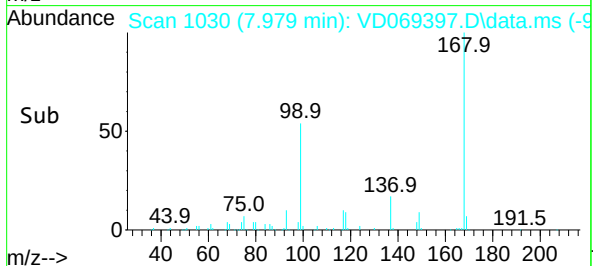
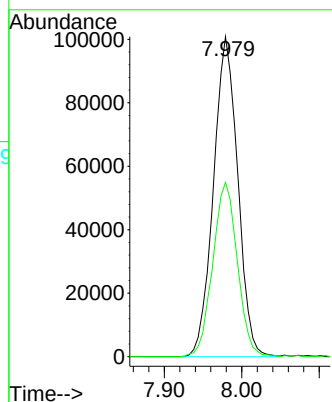
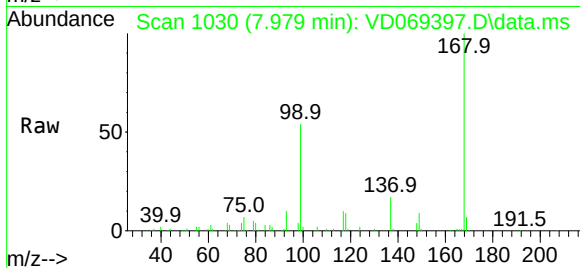




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD069397.D
Acq: 08 Jun 2021 20:01

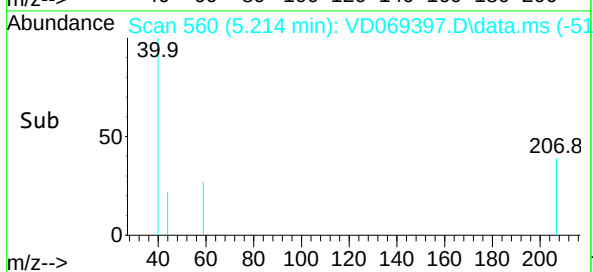
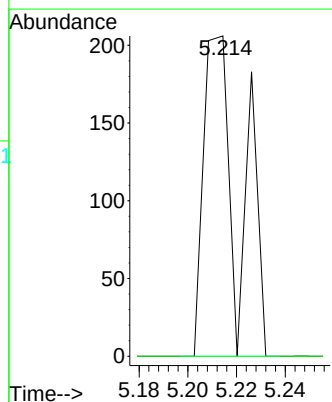
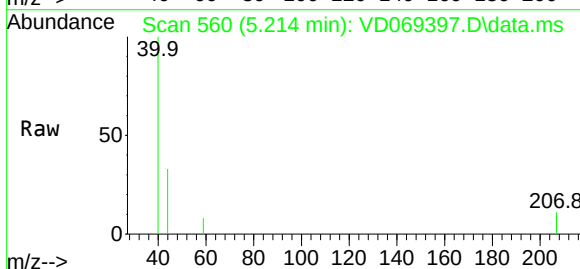
Instrument :
MSVOA_D
ClientSampled :

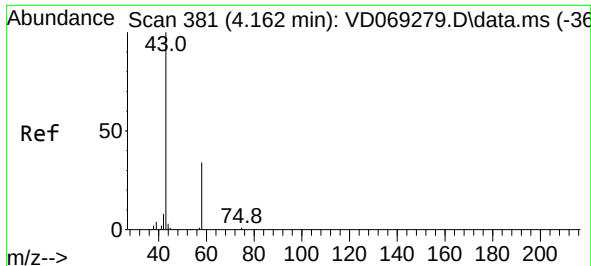
Tgt Ion:168 Resp: 219607
Ion Ratio Lower Upper
168 100
99 54.5 46.2 69.2



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.214 min Scan# 560
Delta R.T. -0.006 min
Lab File: VD069397.D
Acq: 08 Jun 2021 20:01

Tgt Ion: 59 Resp: 209
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

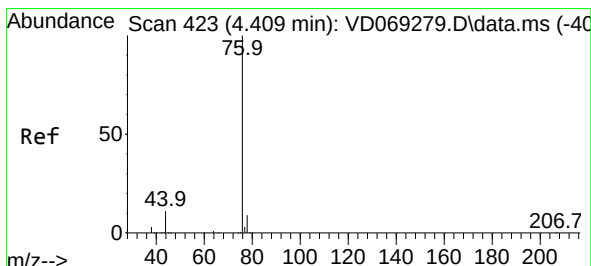
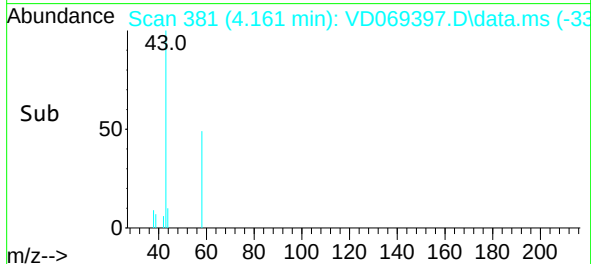
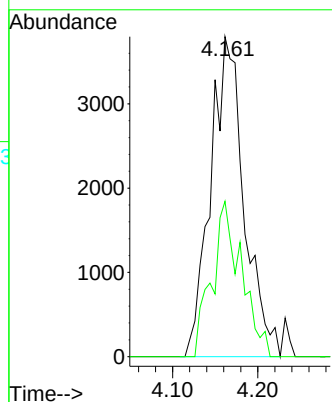
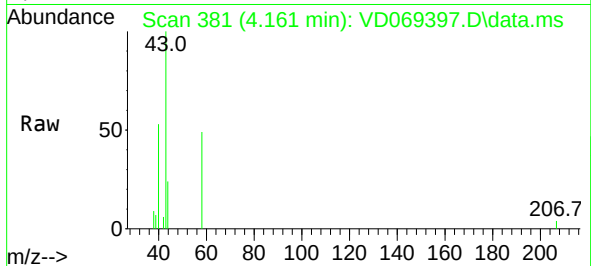




#16
Acetone
Concen: 28.315 ug/l
RT: 4.161 min Scan# 381
Delta R.T. -0.000 min
Lab File: VD069397.D
Acq: 08 Jun 2021 20:01

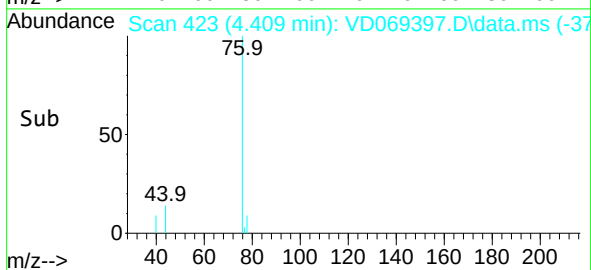
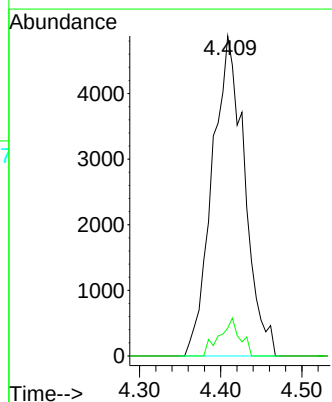
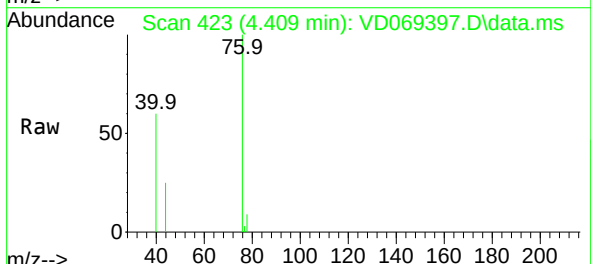
Instrument :
MSVOA_D
ClientSampleId :

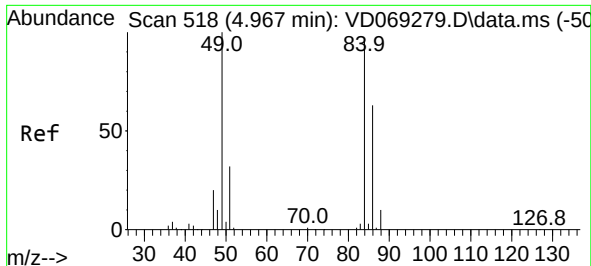
Tgt Ion: 43 Resp: 10412
Ion Ratio Lower Upper
43 100
58 48.5 27.5 41.3#



#17
Carbon Disulfide
Concen: 1.855 ug/l
RT: 4.409 min Scan# 423
Delta R.T. -0.000 min
Lab File: VD069397.D
Acq: 08 Jun 2021 20:01

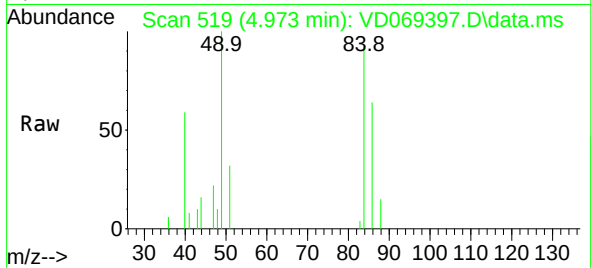
Tgt Ion: 76 Resp: 13508
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.0



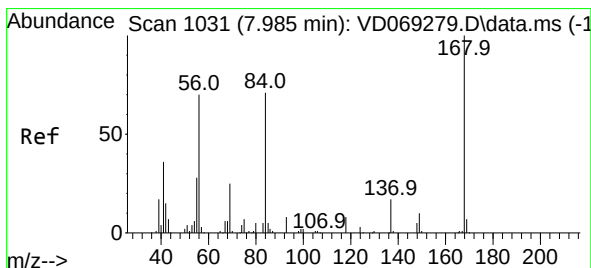
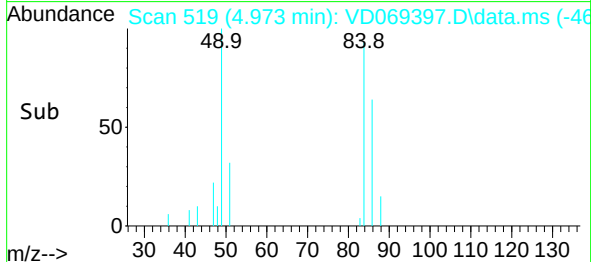
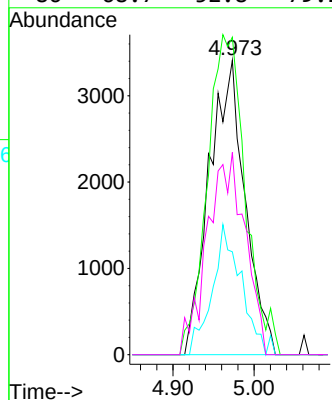


#20
Methylene Chloride
Concen: Below Cal
RT: 4.973 min Scan# 519
Delta R.T. 0.006 min
Lab File: VD069397.D
Acq: 08 Jun 2021 20:01

Instrument :
MSVOA_D
ClientSampled :

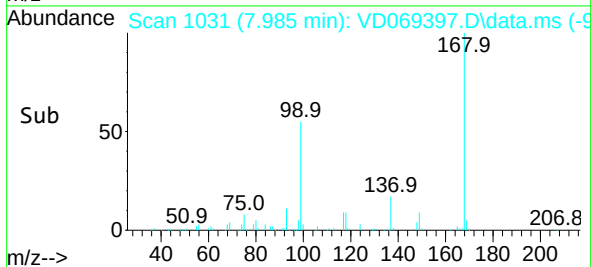
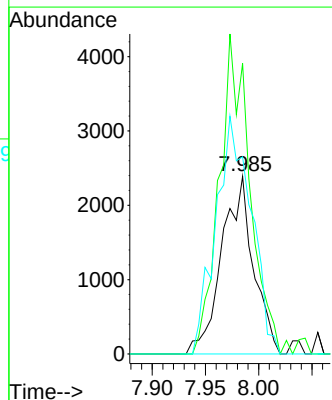
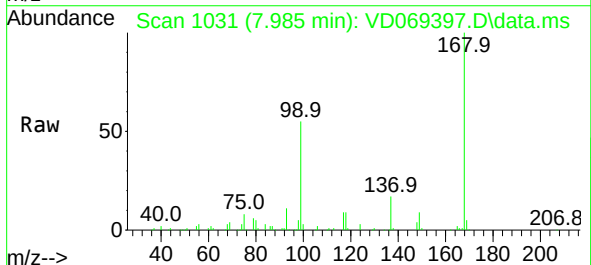


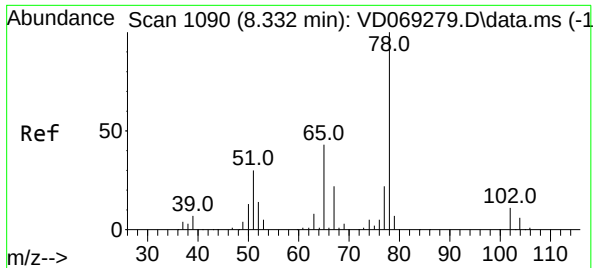
Tgt Ion:	84	Resp:	10481
Ion	Ratio	Lower	Upper
84	100		
49	107.8	83.7	125.5
51	34.9	26.4	39.6
86	68.7	52.8	79.2



#31
Cyclohexane
Concen: 1.475 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD069397.D
Acq: 08 Jun 2021 20:01

Tgt Ion:	56	Resp:	4937
Ion	Ratio	Lower	Upper
56	100		
69	163.6	29.0	43.4#
84	110.9	81.1	121.7

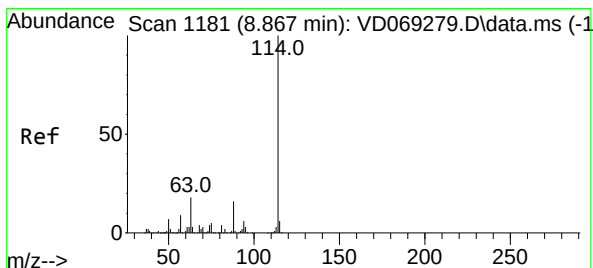
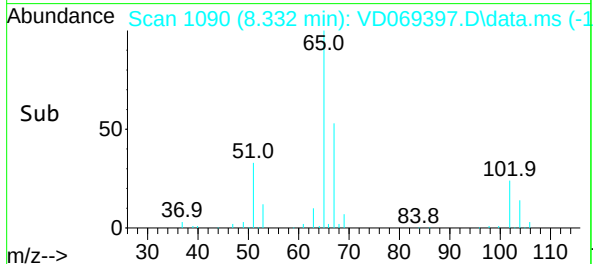
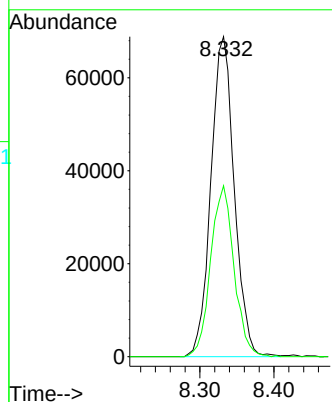
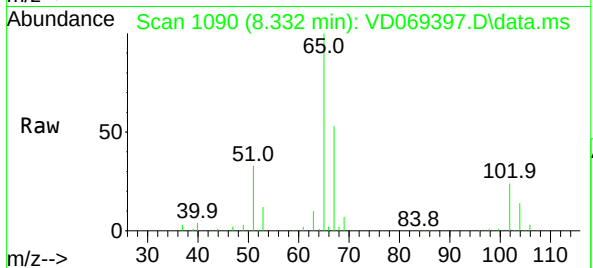




#33
1,2-Dichloroethane-d4
Concen: 71.535 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD069397.D
Acq: 08 Jun 2021 20:01

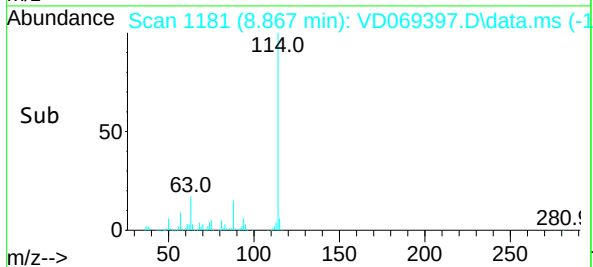
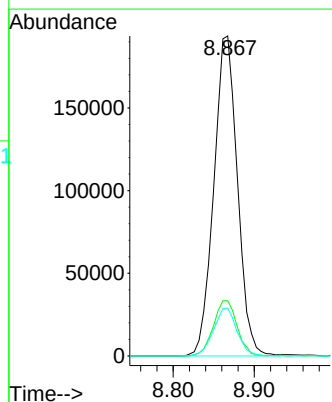
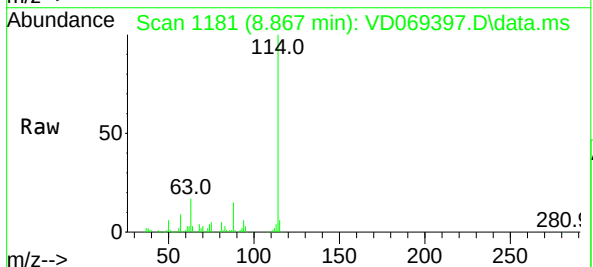
Instrument :
MSVOA_D
ClientSampleId :

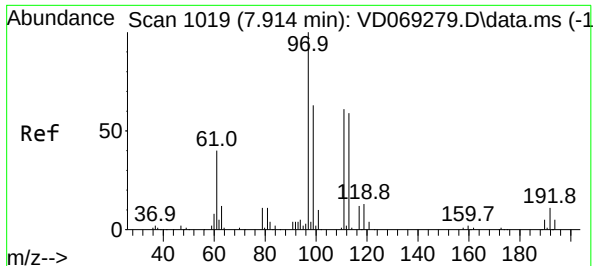
Tgt Ion: 65 Resp: 150736
Ion Ratio Lower Upper
65 100
67 53.4 0.0 105.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD069397.D
Acq: 08 Jun 2021 20:01

Tgt Ion:114 Resp: 391374
Ion Ratio Lower Upper
114 100
63 17.3 0.0 35.6
88 14.9 0.0 31.2

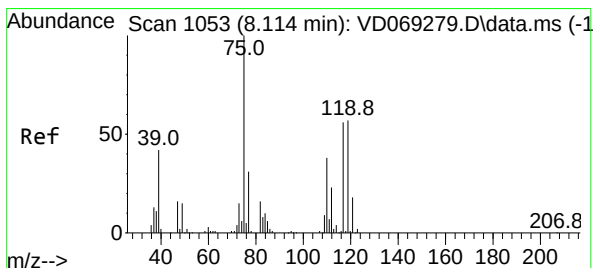
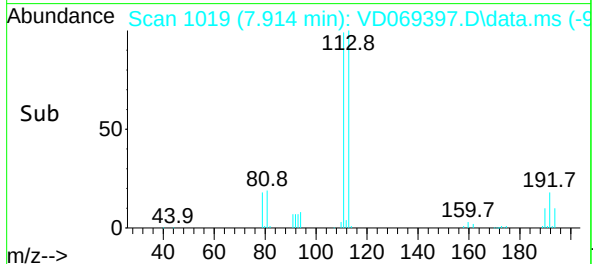
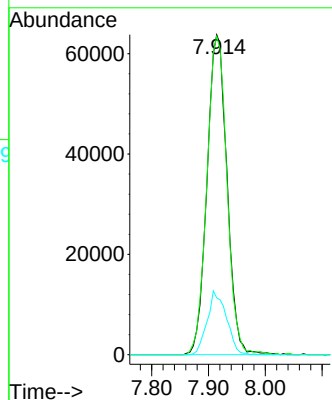
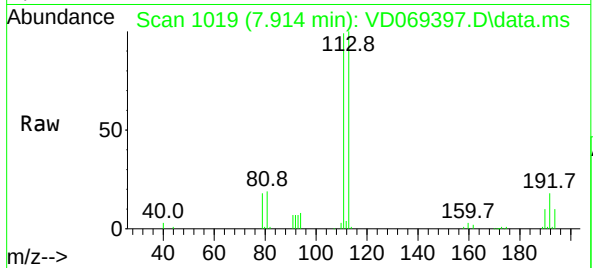




#35
Dibromofluoromethane
Concen: 63.280 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD069397.D
Acq: 08 Jun 2021 20:01

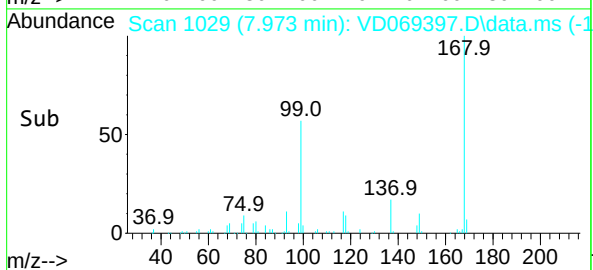
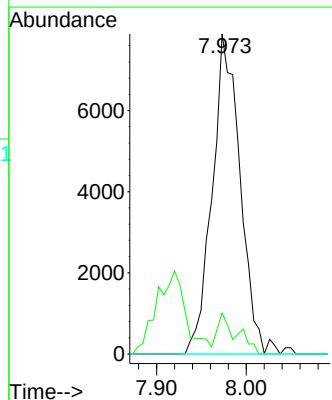
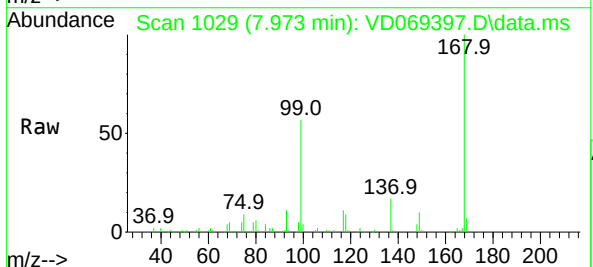
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MSVOA_D
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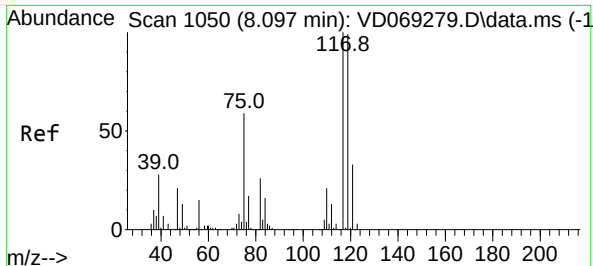
Tgt Ion:113 Resp: 155525
Ion Ratio Lower Upper
113 100
111 99.8 83.0 124.6
192 19.2 15.1 22.7



#36
1,1-Dichloropropene
Concen: 4.472 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.141 min
Lab File: VD069397.D
Acq: 08 Jun 2021 20:01

Tgt Ion: 75 Resp: 17013
Ion Ratio Lower Upper
75 100
110 8.8 18.4 55.2#
77 0.0 24.9 37.3#

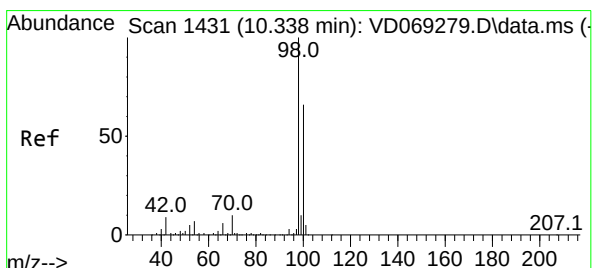
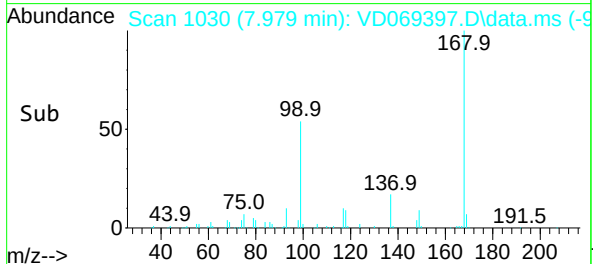
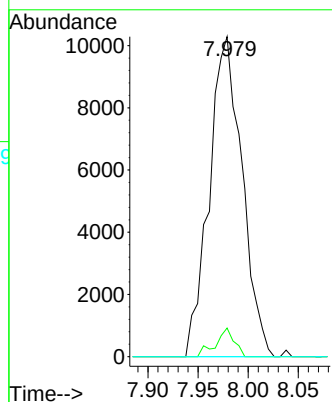
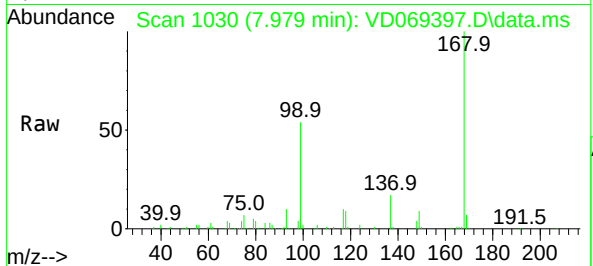




#38
Carbon Tetrachloride
Concen: 5.703 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD069397.D
Acq: 08 Jun 2021 20:01

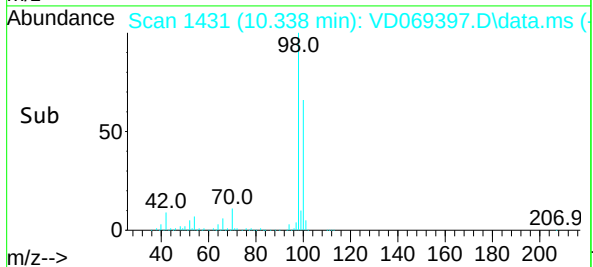
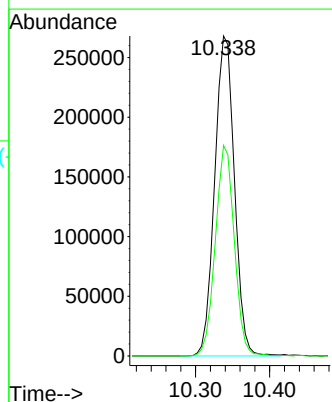
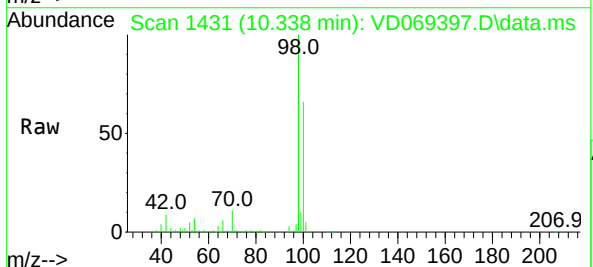
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ClientSampled :

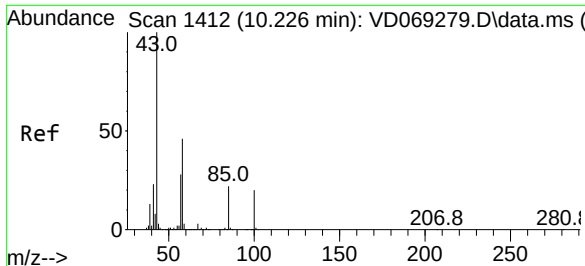
Tgt Ion:117 Resp: 23425
Ion Ratio Lower Upper
117 100
119 8.9 79.4 119.2#
121 0.0 26.1 39.1#



#50
Toluene-d8
Concen: 55.555 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069397.D
Acq: 08 Jun 2021 20:01

Tgt Ion: 98 Resp: 496509
Ion Ratio Lower Upper
98 100
100 63.4 52.1 78.1

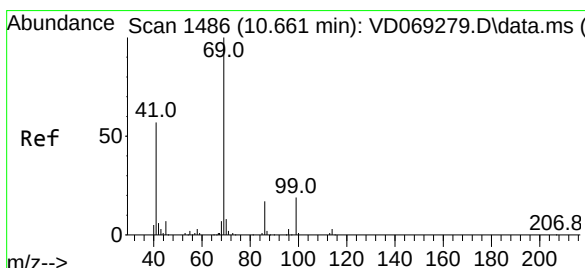
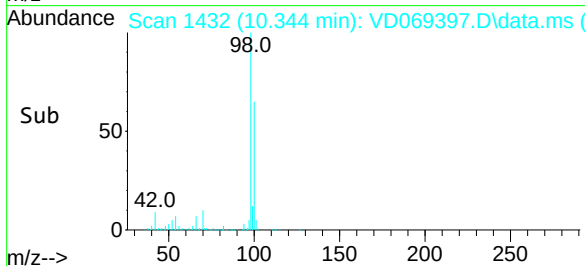
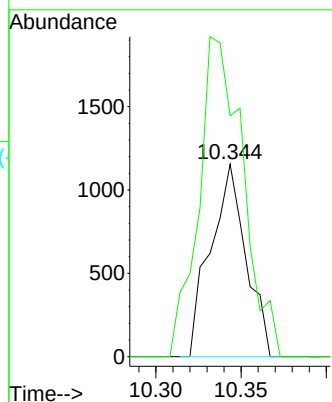
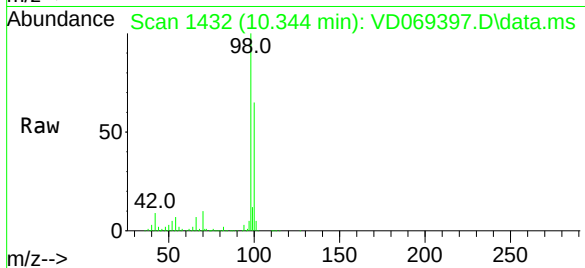




#51
4-Methyl-2-Pentanone
Concen: 1.378 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.118 min
Lab File: VD069397.D
Acq: 08 Jun 2021 20:01

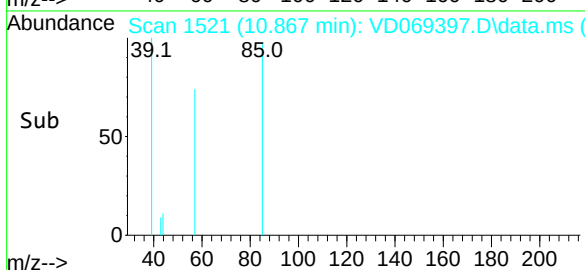
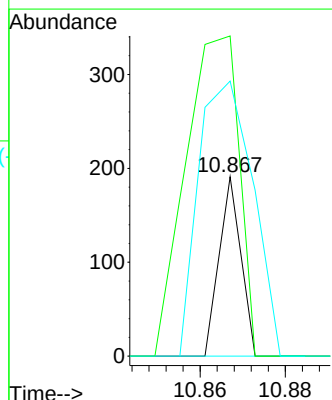
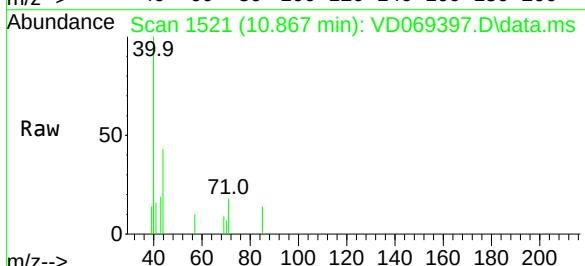
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MSVOA_D
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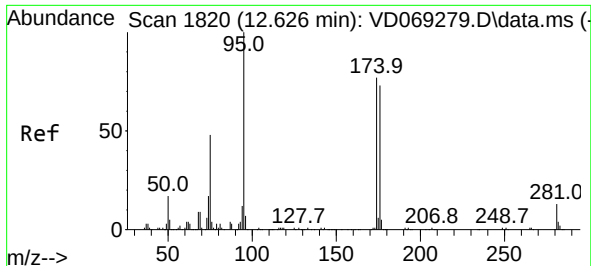
Tgt Ion: 43 Resp: 1673
Ion Ratio Lower Upper
43 100
58 206.5 35.1 52.7#



#56
Ethyl methacrylate
Concen: 2.664 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. 0.206 min
Lab File: VD069397.D
Acq: 08 Jun 2021 20:01

Tgt Ion: 69 Resp: 67
Ion Ratio Lower Upper
69 100
41 443.3 45.4 68.2#
39 386.6 21.7 32.5#

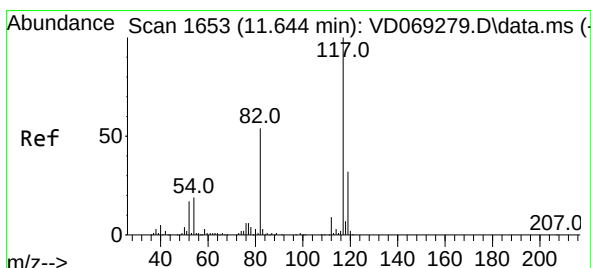
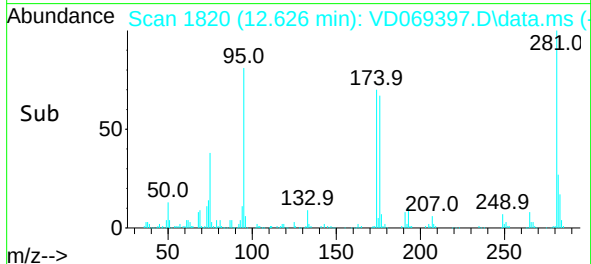
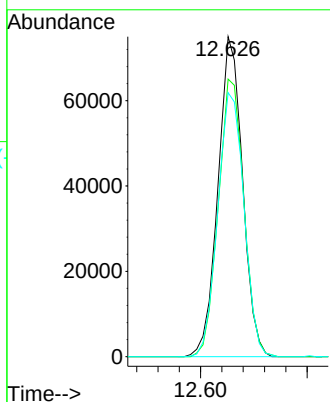
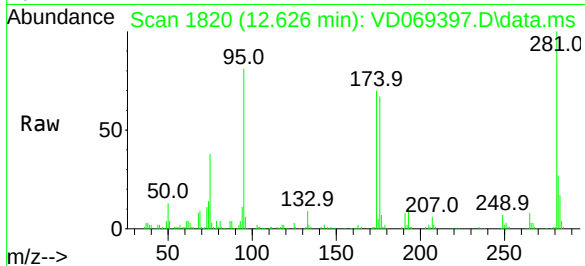




#62
4-Bromofluorobenzene
Concen: 40.886 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069397.D
Acq: 08 Jun 2021 20:01

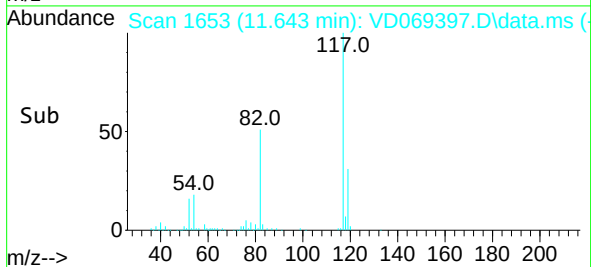
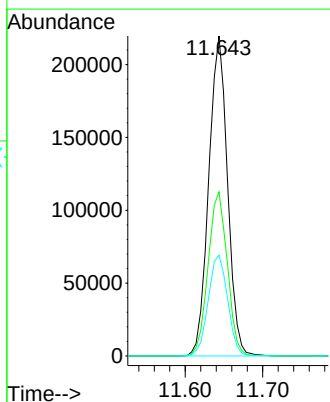
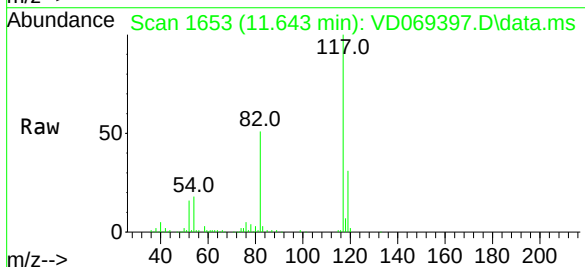
Instrument :
MSVOA_D
ClientSampleId :

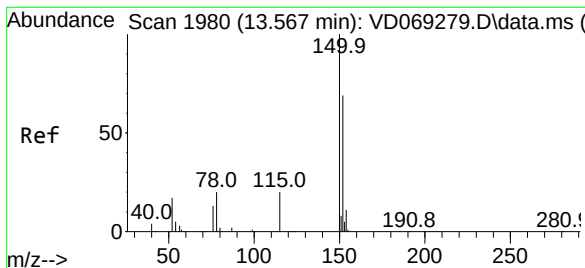
Tgt Ion:	95	Resp:	119734
Ion	Ratio	Lower	Upper
95	100		
174	90.1	0.0	162.8
176	88.1	0.0	154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. -0.000 min
Lab File: VD069397.D
Acq: 08 Jun 2021 20:01

Tgt Ion:	117	Resp:	369255
Ion	Ratio	Lower	Upper
117	100		
82	51.3	43.3	64.9
119	31.5	25.3	37.9

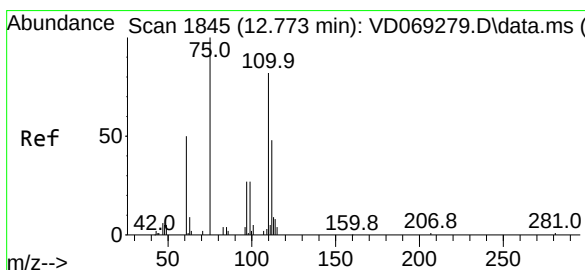
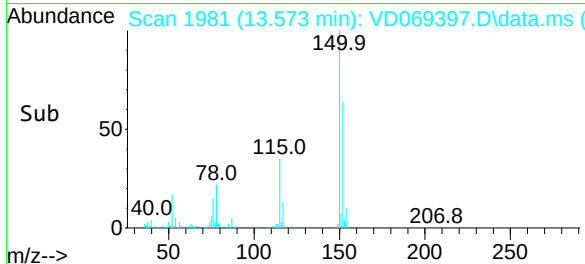
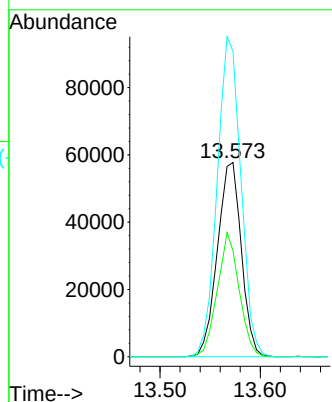
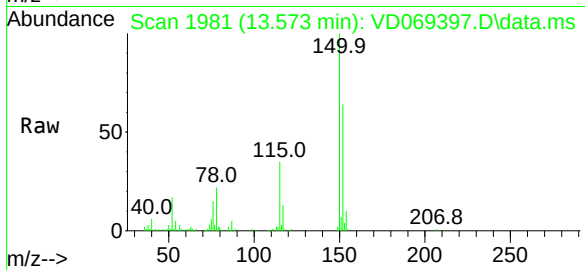




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.006 min
Lab File: VD069397.D
Acq: 08 Jun 2021 20:01

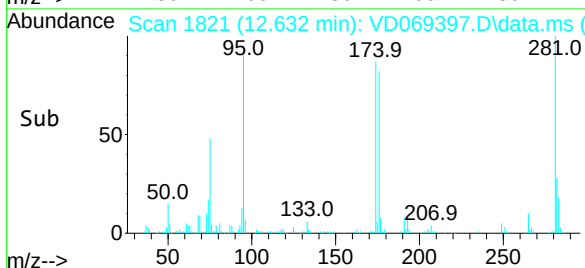
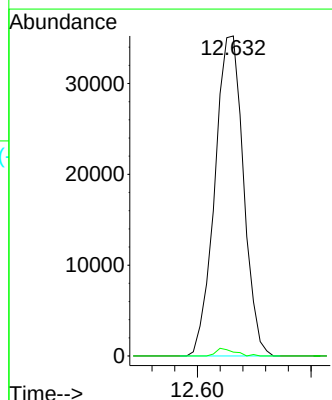
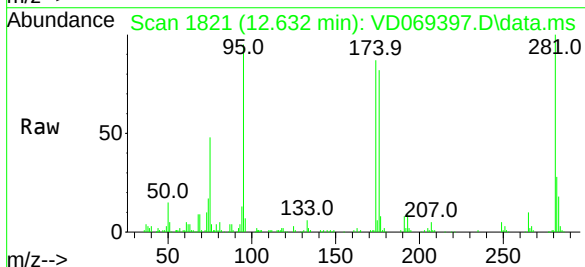
Instrument :
MSVOA_D
ClientSampled :

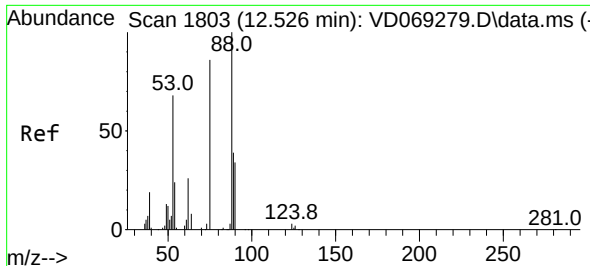
Tgt Ion:152 Resp: 95625
Ion Ratio Lower Upper
152 100
115 58.4 29.4 88.3
150 163.2 0.0 355.0



#76
1,2,3-Trichloropropane
Concen: 74.202 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.141 min
Lab File: VD069397.D
Acq: 08 Jun 2021 20:01

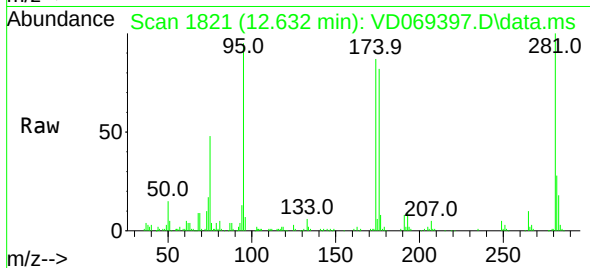
Tgt Ion: 75 Resp: 61649
Ion Ratio Lower Upper
75 100
77 1.6 183.8 551.2#



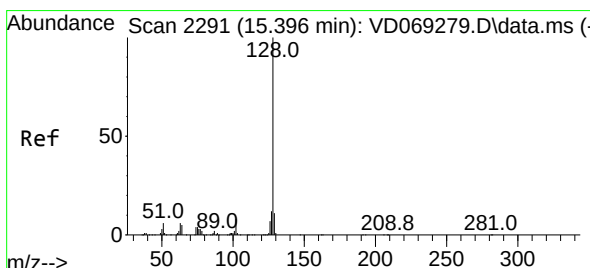
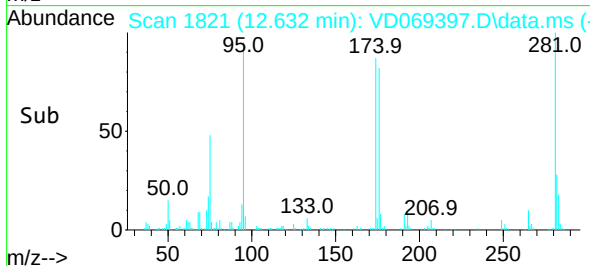
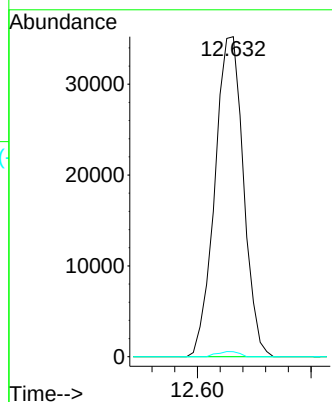


#81
trans-1,4-Dichloro-2-butene
Concen: 164.433 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD069397.D
Acq: 08 Jun 2021 20:01

Instrument :
MSVOA_D
ClientSampled :



Tgt Ion: 75 Resp: 61649
Ion Ratio Lower Upper
75 100
53 0.0 62.6 94.0#
89 1.2 35.6 53.4#



#95
Naphthalene
Concen: 3.335 ug/l
RT: 15.390 min Scan# 2290
Delta R.T. -0.006 min
Lab File: VD069397.D
Acq: 08 Jun 2021 20:01

Tgt Ion: 128 Resp: 116
Ion Ratio Lower Upper
128 100
127 0.0 10.4 15.6#
129 0.0 8.8 13.2#

