

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060221\
 Data File : VD069297.D
 Acq On : 02 Jun 2021 13:11
 Operator : VA/SY
 Sample : M2574-01
 Misc : 6.16G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jun 03 01:07:53 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)

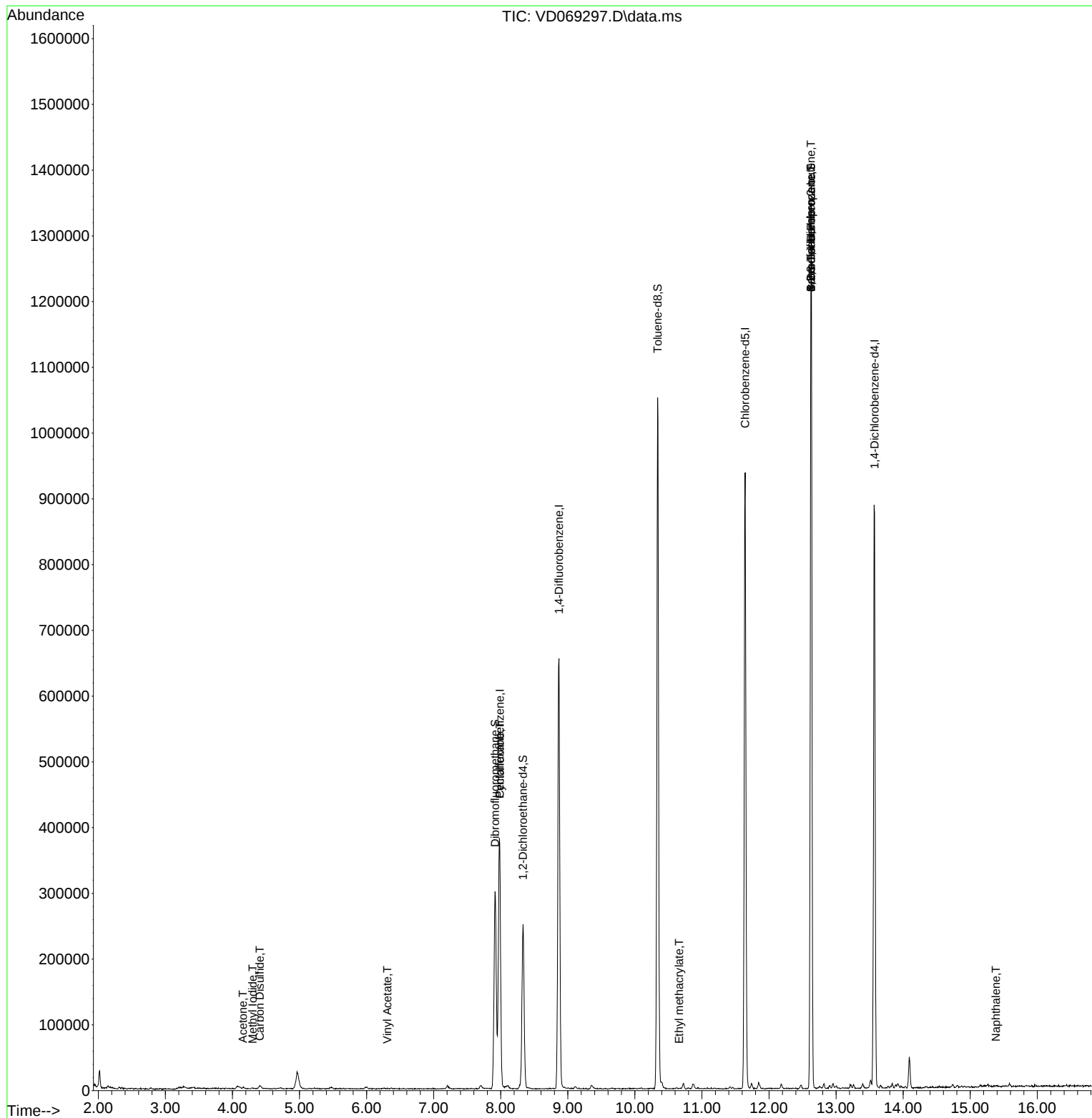
Internal Standards						
1) Pentafluorobenzene	7.985	168	290038	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	582580	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	577539	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	248698	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	197688	71.03	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 142.06%			
35) Dibromofluoromethane	7.914	113	215956	59.03	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 118.06%			
50) Toluene-d8	10.338	98	730511	54.91	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 109.82%			
62) 4-Bromofluorobenzene	12.626	95	250417	57.45	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 114.90%			
Target Compounds						Qvalue
10) Methyl Iodide	4.303	142	651	2.70	ug/l #	50
11) Tert butyl alcohol	5.209	59	426	Below Cal	#	73
16) Acetone	4.156	43	2044	4.21	ug/l	98
17) Carbon Disulfide	4.409	76	10129	1.05	ug/l #	75
20) Methylene Chloride	4.967	84	20682	Below Cal		92
23) Vinyl Acetate	6.309	43	429	11.71	ug/l #	67
31) Cyclohexane	7.985	56	7432	1.68	ug/l #	45
56) Ethyl methacrylate	10.661	69	213	2.69	ug/l #	43
71) Bromoform	12.626	173	2330	1.02	ug/l #	29
76) 1,2,3-Trichloropropane	12.626	75	128233	59.35	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	128233	131.51	ug/l #	19
95) Naphthalene	15.385	128	2168	3.54	ug/l #	81

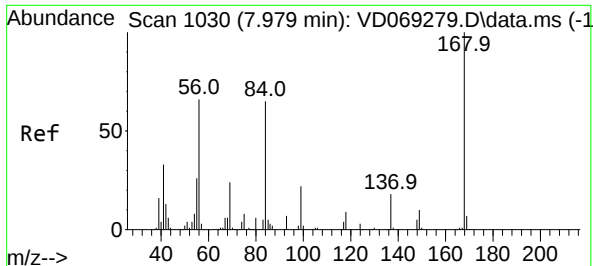
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Jun 03 01:07:53 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

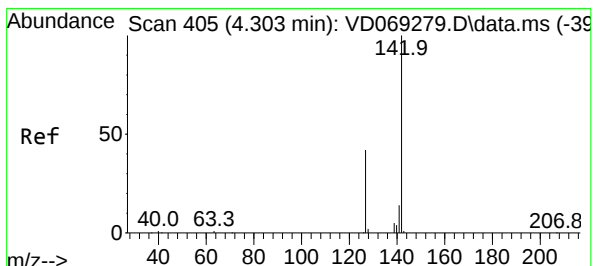
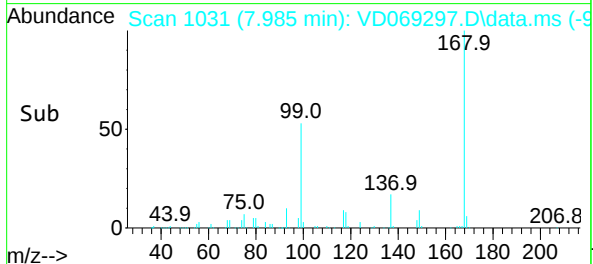
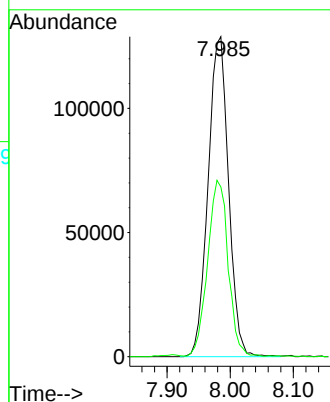
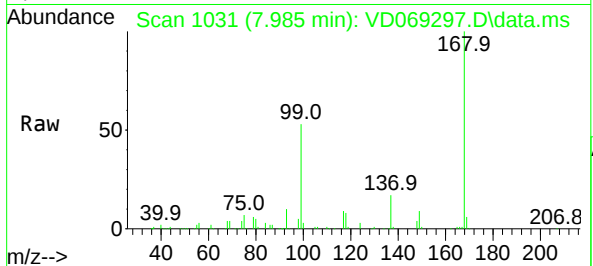




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VD069297.D
Acq: 02 Jun 2021 13:11

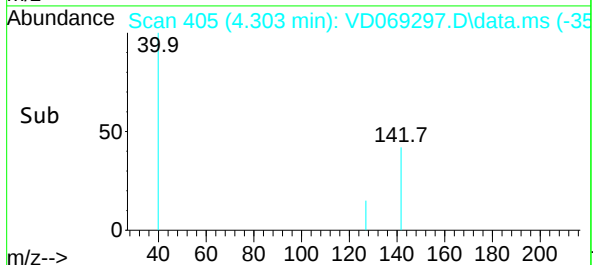
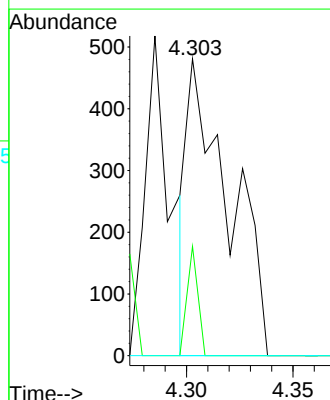
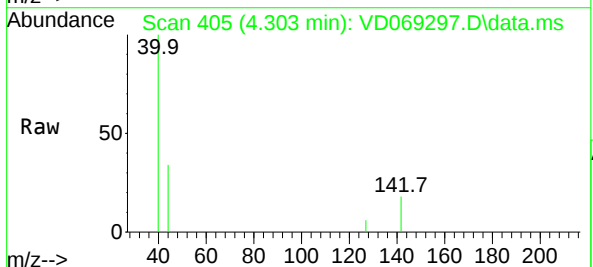
Instrument :
MSVOA_D
ClientSampled :

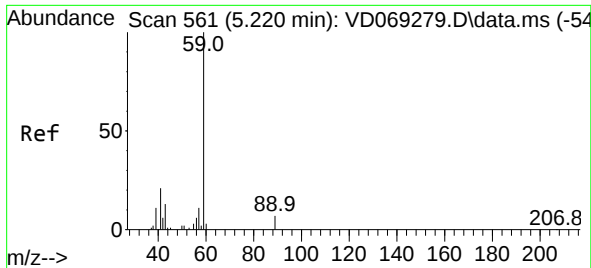
Tgt Ion:168 Resp: 290038
Ion Ratio Lower Upper
168 100
99 52.8 46.2 69.2



#10
Methyl Iodide
Concen: 2.70 ug/l
RT: 4.303 min Scan# 405
Delta R.T. -0.000 min
Lab File: VD069297.D
Acq: 02 Jun 2021 13:11

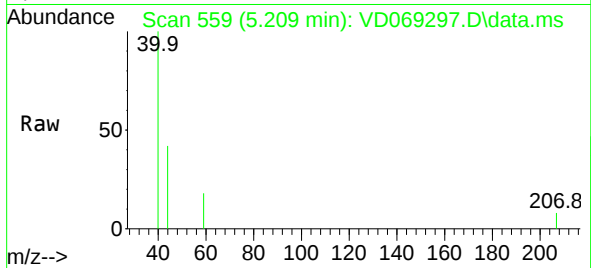
Tgt Ion:142 Resp: 651
Ion Ratio Lower Upper
142 100
127 9.5 36.2 54.2#
141 0.0 12.2 18.2#



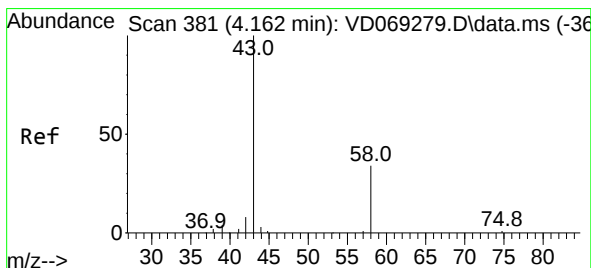
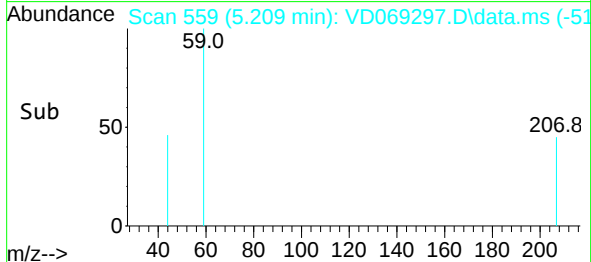
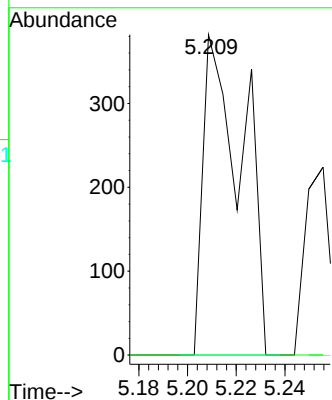


#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.209 min Scan# 559
Delta R.T. -0.011 min
Lab File: VD069297.D
Acq: 02 Jun 2021 13:11

Instrument :
MSVOA_D
ClientSampled :

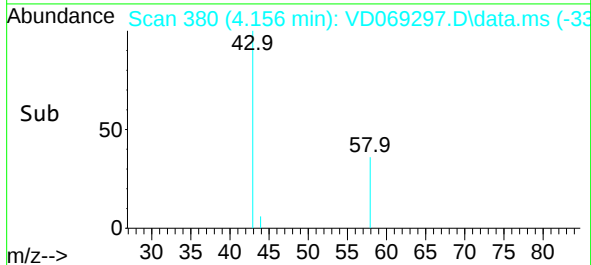
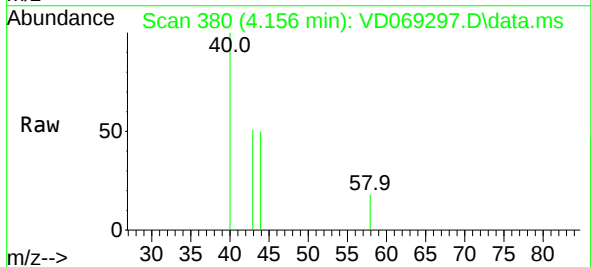
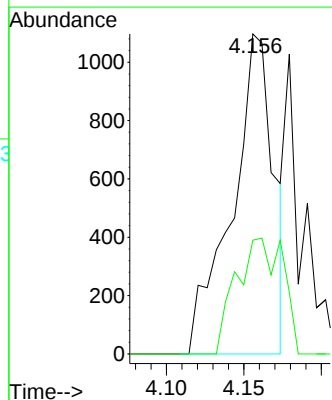


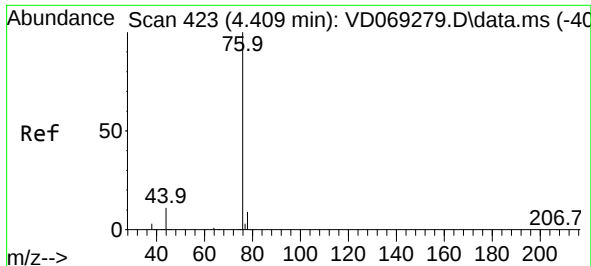
Tgt Ion: 59 Resp: 426
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#16
Acetone
Concen: 4.21 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.006 min
Lab File: VD069297.D
Acq: 02 Jun 2021 13:11

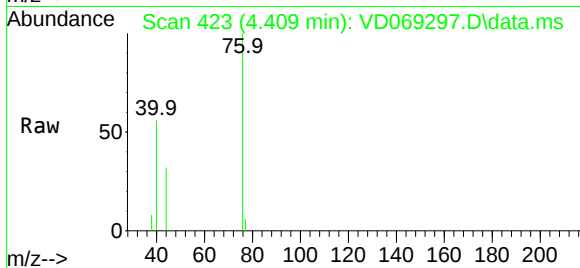
Tgt Ion: 43 Resp: 2044
Ion Ratio Lower Upper
43 100
58 35.6 27.5 41.3



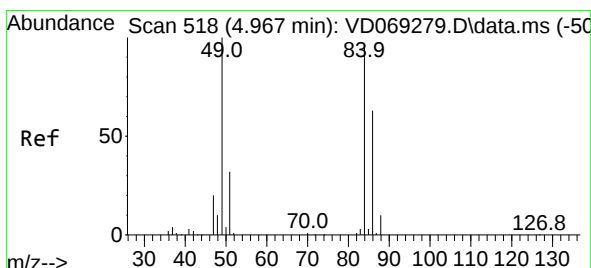
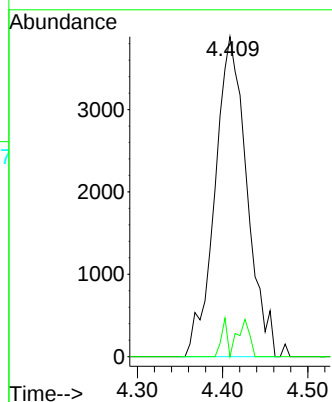
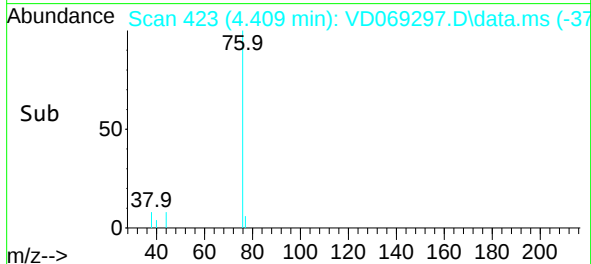


#17
Carbon Disulfide
Concen: 1.05 ug/l
RT: 4.409 min Scan# 423
Delta R.T. 0.000 min
Lab File: VD069297.D
Acq: 02 Jun 2021 13:11

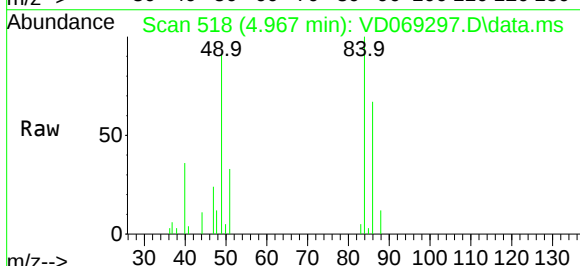
Instrument :
MSVOA_D
ClientSampled :



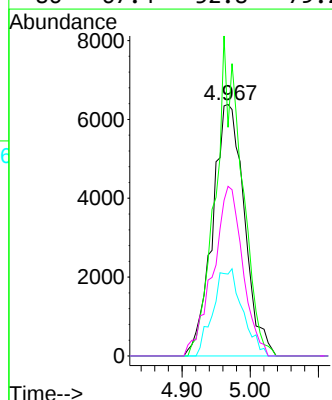
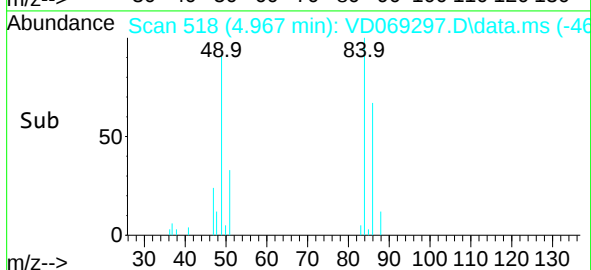
Tgt Ion: 76 Resp: 10129
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#

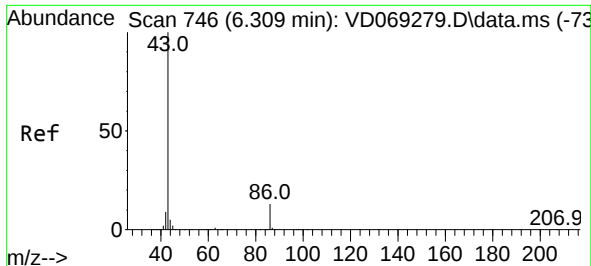


#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. 0.000 min
Lab File: VD069297.D
Acq: 02 Jun 2021 13:11



Tgt Ion: 84 Resp: 20682
Ion Ratio Lower Upper
84 100
49 90.9 83.7 125.5
51 32.6 26.4 39.6
86 67.4 52.8 79.2

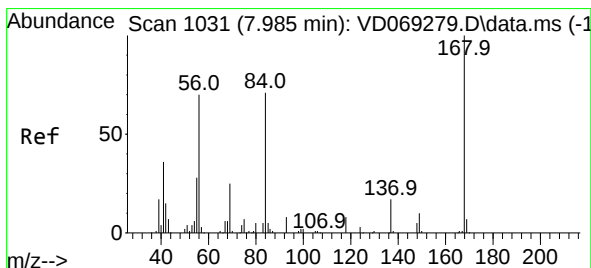
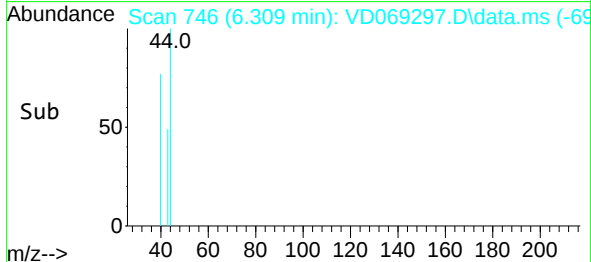
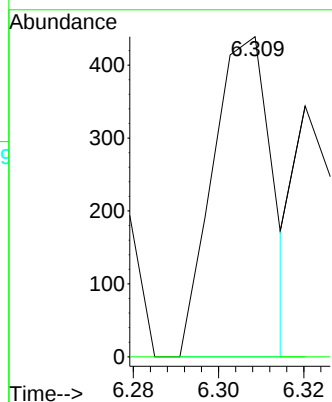
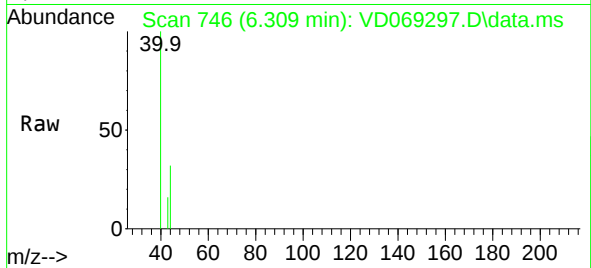




#23
 Vinyl Acetate
 Concen: 11.71 ug/l
 RT: 6.309 min Scan# 746
 Delta R.T. -0.000 min
 Lab File: VD069297.D
 Acq: 02 Jun 2021 13:11

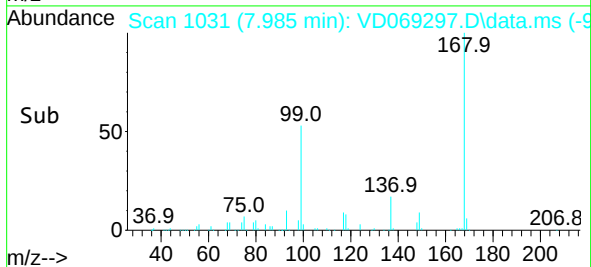
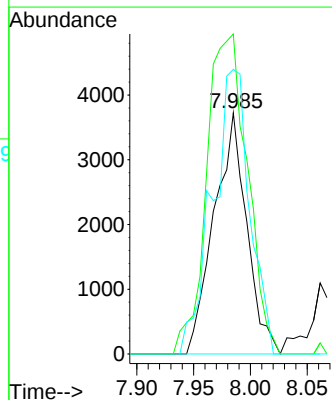
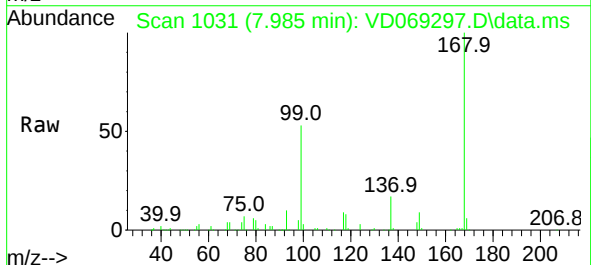
Instrument :
 MSVOA_D
 ClientSampled :

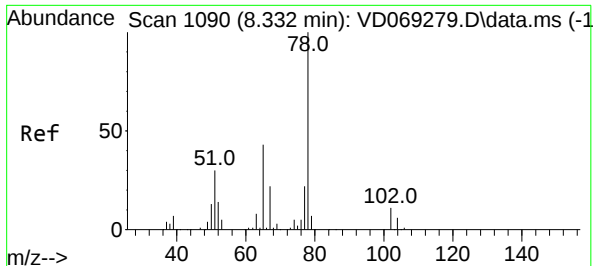
Tgt Ion: 43 Resp: 429
 Ion Ratio Lower Upper
 43 100
 86 0.0 10.5 15.7#



#31
 Cyclohexane
 Concen: 1.68 ug/l
 RT: 7.985 min Scan# 1031
 Delta R.T. 0.000 min
 Lab File: VD069297.D
 Acq: 02 Jun 2021 13:11

Tgt Ion: 56 Resp: 7432
 Ion Ratio Lower Upper
 56 100
 69 132.7 29.0 43.4#
 84 118.1 81.1 121.7

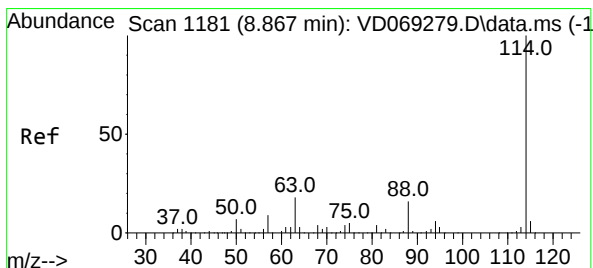
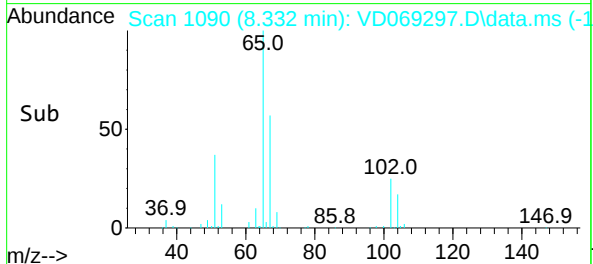
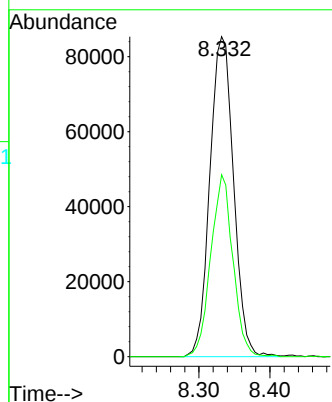
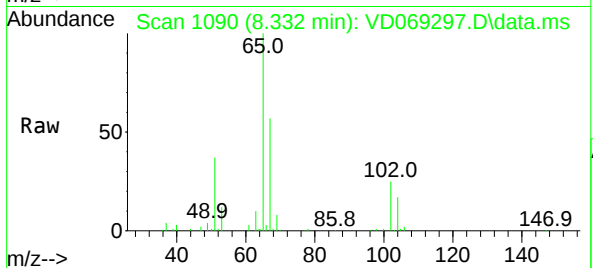




#33
1,2-Dichloroethane-d4
Concen: 71.03 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD069297.D
Acq: 02 Jun 2021 13:11

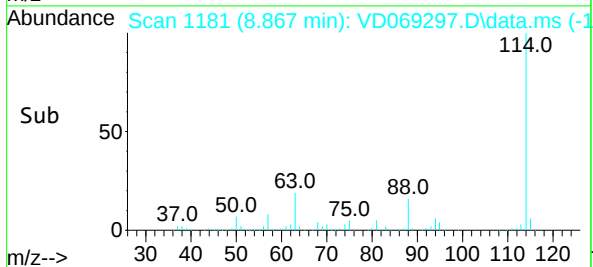
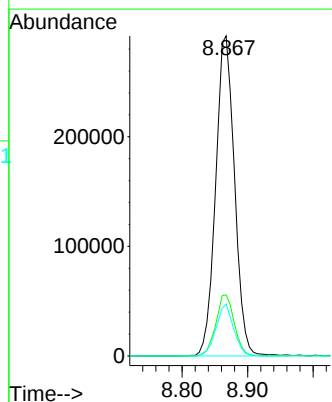
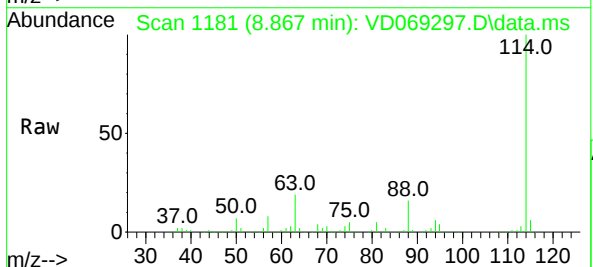
Instrument :
MSVOA_D
ClientSampleId :

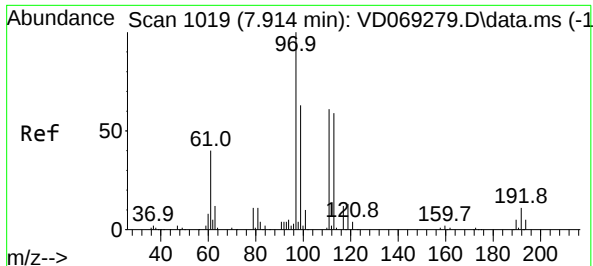
Tgt Ion: 65 Resp: 197688
Ion Ratio Lower Upper
65 100
67 53.1 0.0 105.8



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD069297.D
Acq: 02 Jun 2021 13:11

Tgt Ion: 114 Resp: 582580
Ion Ratio Lower Upper
114 100
63 19.1 0.0 35.6
88 16.3 0.0 31.2

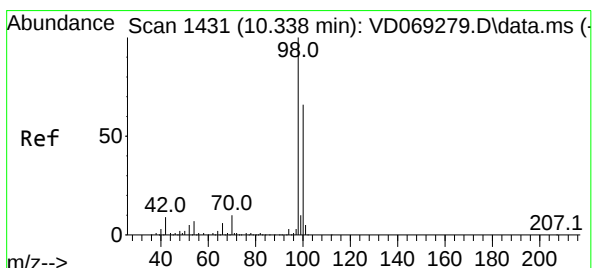
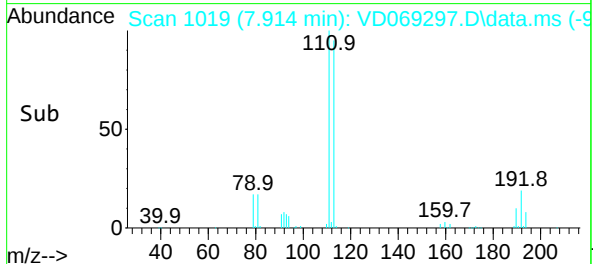
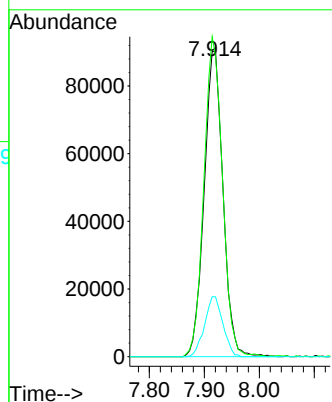
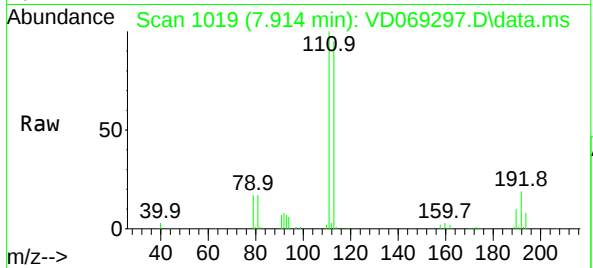




#35
Dibromofluoromethane
Concen: 59.03 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD069297.D
Acq: 02 Jun 2021 13:11

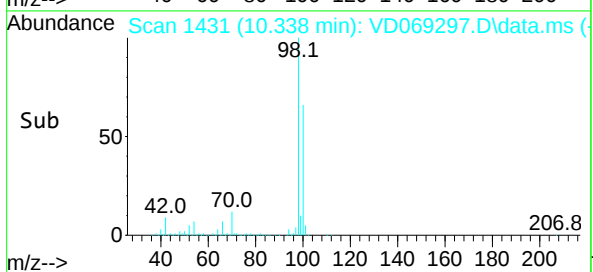
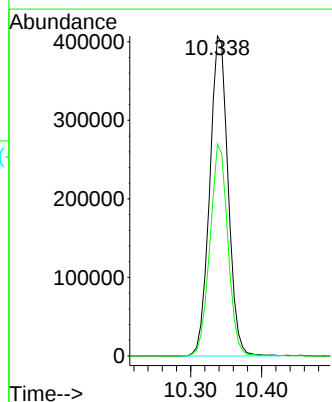
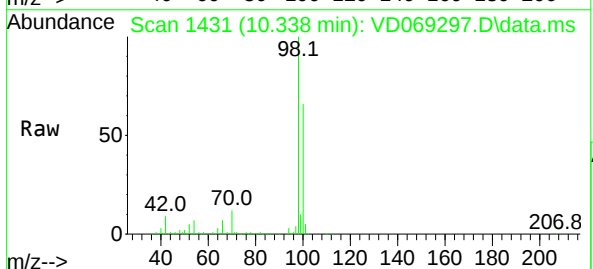
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MSVOA_D
ClientSampleId :

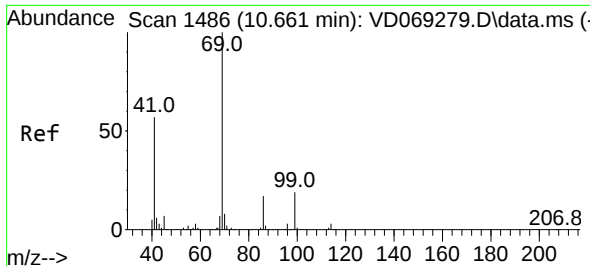
Tgt Ion:113 Resp: 215956
Ion Ratio Lower Upper
113 100
111 102.7 83.0 124.6
192 19.0 15.1 22.7



#50
Toluene-d8
Concen: 54.91 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD069297.D
Acq: 02 Jun 2021 13:11

Tgt Ion: 98 Resp: 730511
Ion Ratio Lower Upper
98 100
100 64.7 52.1 78.1

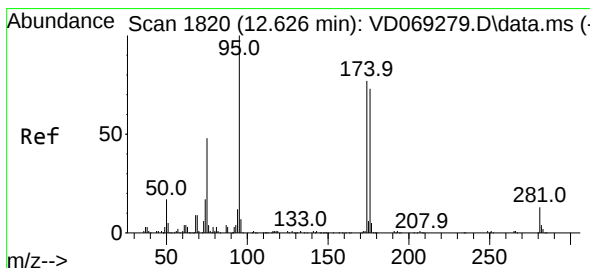
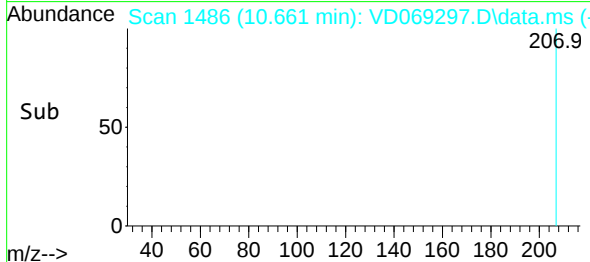
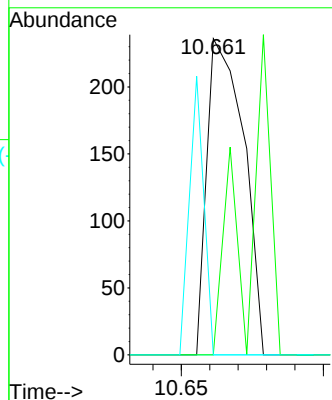
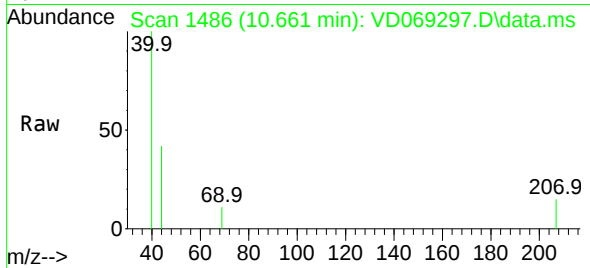




#56
Ethyl methacrylate
Concen: 2.69 ug/l
RT: 10.661 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VD069297.D
Acq: 02 Jun 2021 13:11

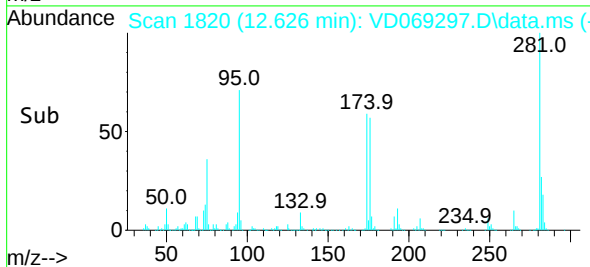
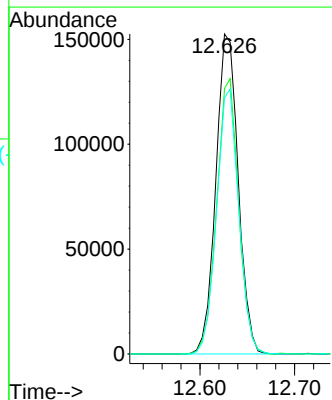
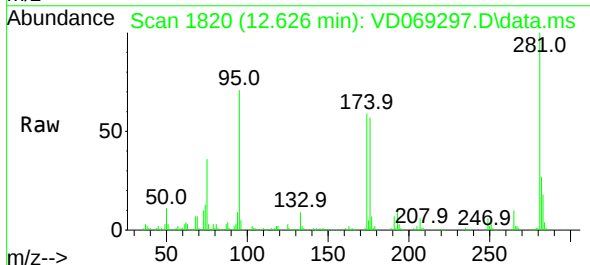
Instrument :
MSVOA_D
ClientSampled :

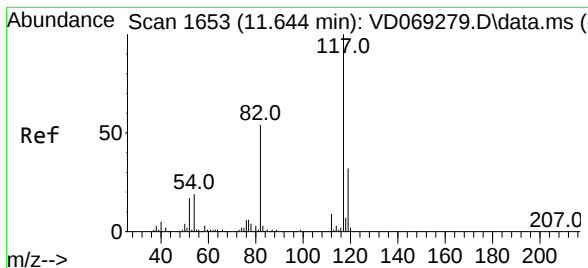
Tgt Ion: 69 Resp: 213
Ion Ratio Lower Upper
69 100
41 0.0 45.4 68.2#
39 34.3 21.7 32.5#



#62
4-Bromofluorobenzene
Concen: 57.45 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD069297.D
Acq: 02 Jun 2021 13:11

Tgt Ion: 95 Resp: 250417
Ion Ratio Lower Upper
95 100
174 84.5 0.0 162.8
176 81.9 0.0 154.4

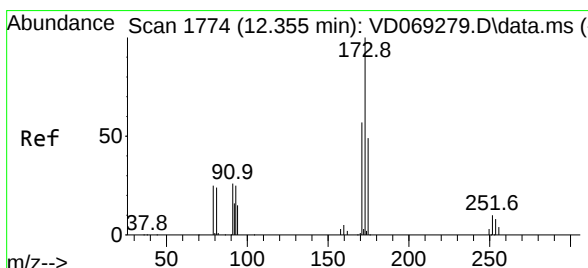
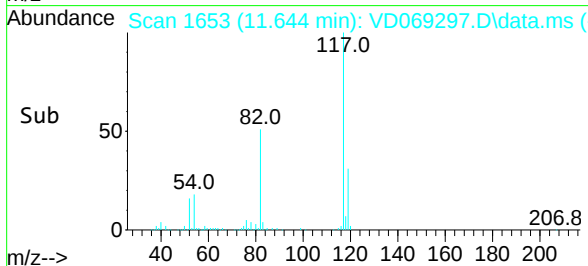
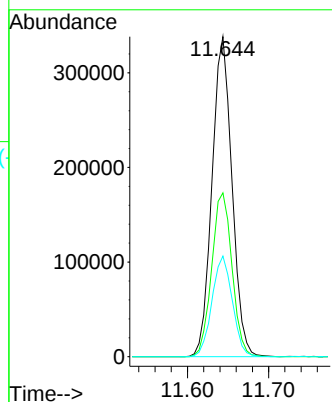
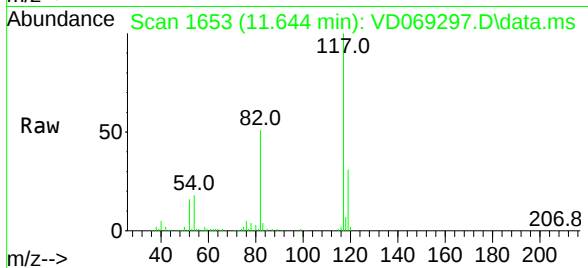




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD069297.D
Acq: 02 Jun 2021 13:11

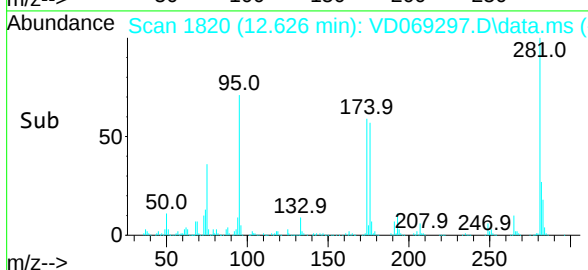
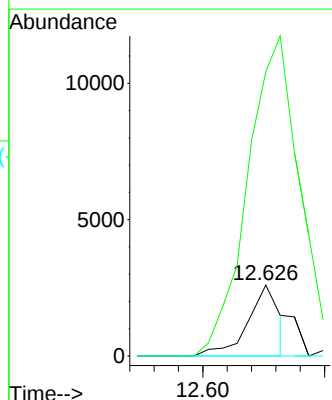
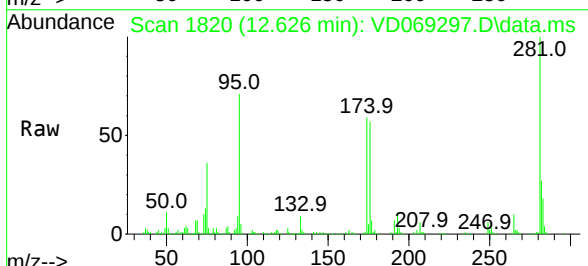
Instrument :
MSVOA_D
ClientSampleId :

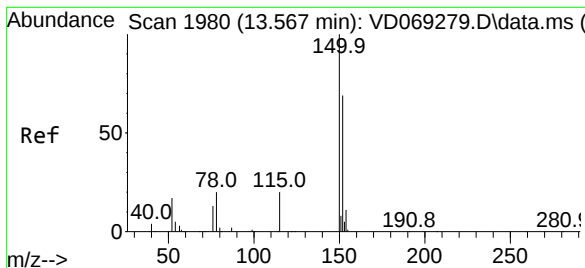
Tgt Ion:	117	Resp:	577539
Ion	Ratio	Lower	Upper
117	100		
82	51.2	43.3	64.9
119	31.5	25.3	37.9



#71
Bromoform
Concen: 1.02 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.271 min
Lab File: VD069297.D
Acq: 02 Jun 2021 13:11

Tgt Ion:	173	Resp:	2330
Ion	Ratio	Lower	Upper
173	100		
175	0.0	23.8	71.2#
254	0.0	0.0	0.0

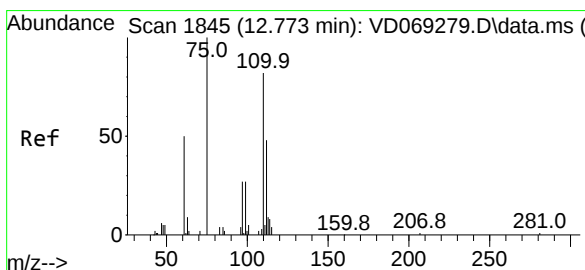
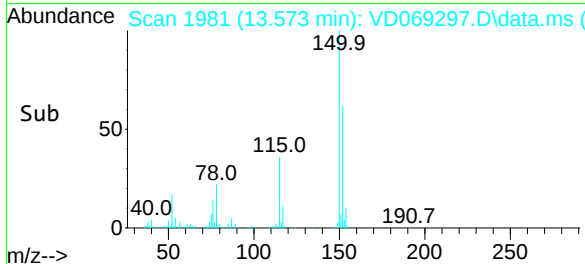
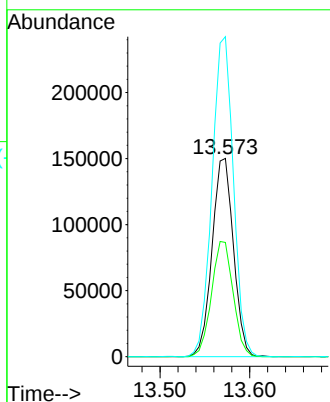
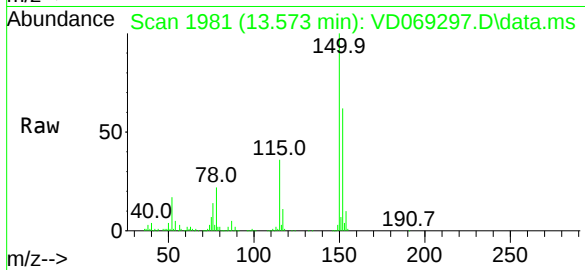




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.006 min
Lab File: VD069297.D
Acq: 02 Jun 2021 13:11

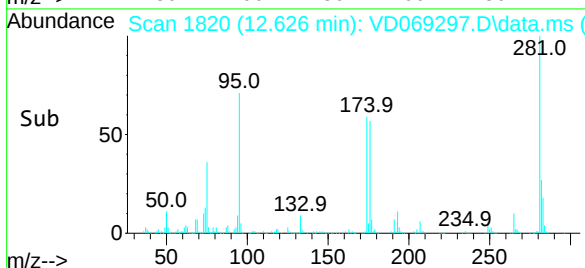
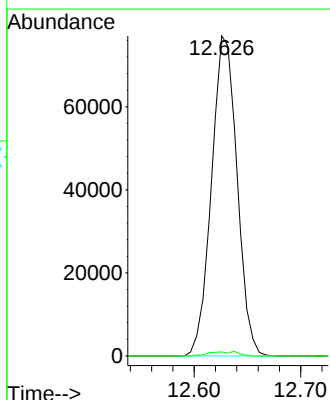
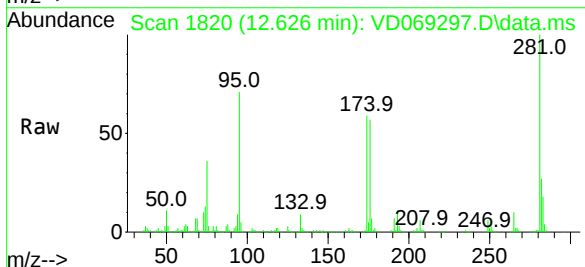
Instrument :
MSVOA_D
ClientSampleId :

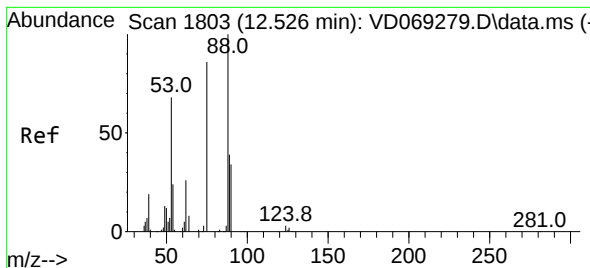
Tgt Ion:152 Resp: 248698
Ion Ratio Lower Upper
152 100
115 58.7 29.4 88.3
150 160.9 0.0 355.0



#76
1,2,3-Trichloropropane
Concen: 59.35 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD069297.D
Acq: 02 Jun 2021 13:11

Tgt Ion: 75 Resp: 128233
Ion Ratio Lower Upper
75 100
77 1.5 183.8 551.2#

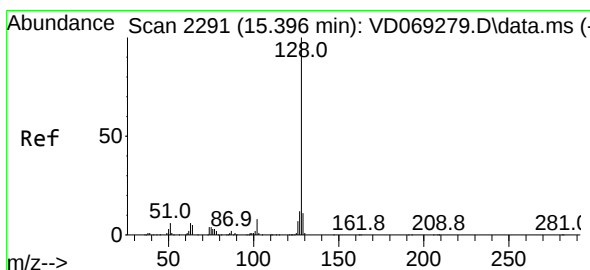
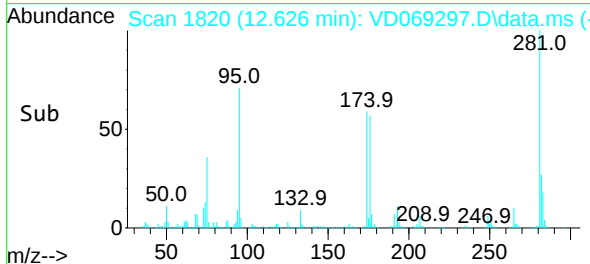
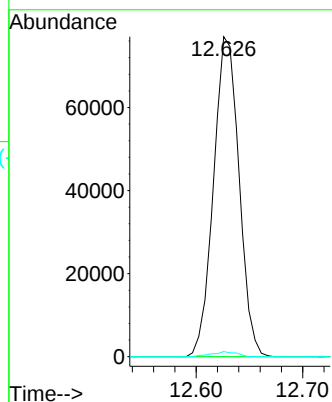
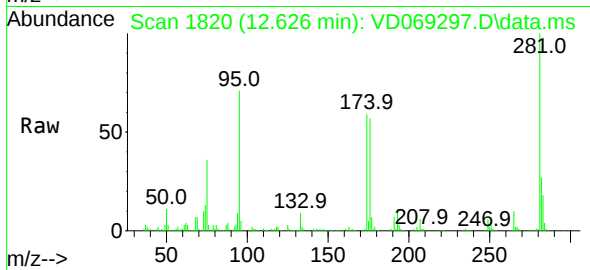




#81
trans-1,4-Dichloro-2-butene
Concen: 131.51 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.100 min
Lab File: VD069297.D
Acq: 02 Jun 2021 13:11

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 128233
Ion Ratio Lower Upper
75 100
53 0.0 62.6 94.0#
89 1.5 35.6 53.4#



#95
Naphthalene
Concen: 3.54 ug/l
RT: 15.385 min Scan# 2289
Delta R.T. -0.011 min
Lab File: VD069297.D
Acq: 02 Jun 2021 13:11

Tgt Ion: 128 Resp: 2168
Ion Ratio Lower Upper
128 100
127 5.4 10.4 15.6#
129 4.0 8.8 13.2#

