

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD033021\
 Data File : VD068727.D
 Acq On : 30 Mar 2021 16:26
 Operator : VA/SY
 Sample : M1872-01
 Misc : 7.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

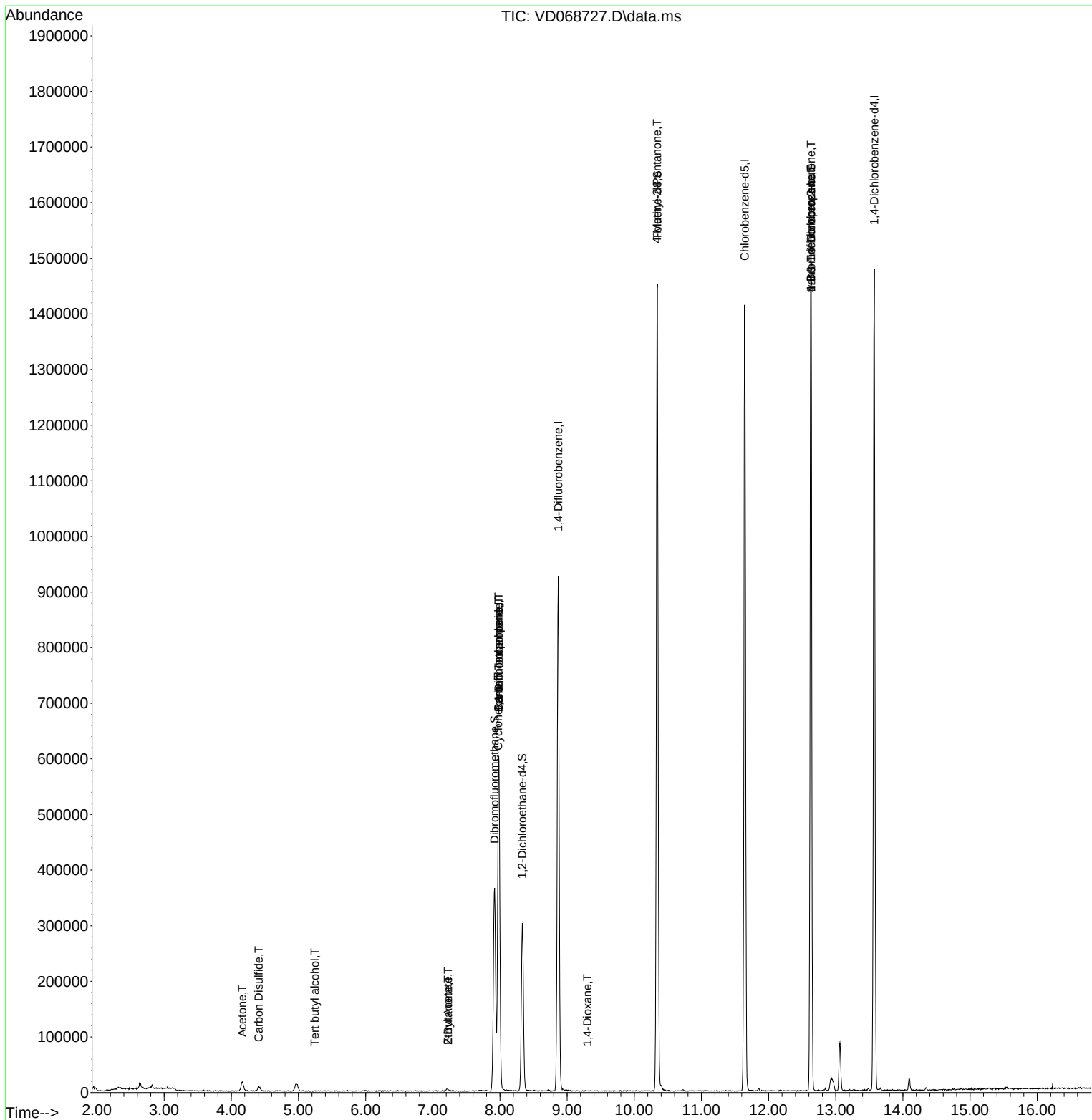
Quant Time: Mar 31 01:01:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031921S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 20 02:00:55 2021
 Response via : Initial Calibration

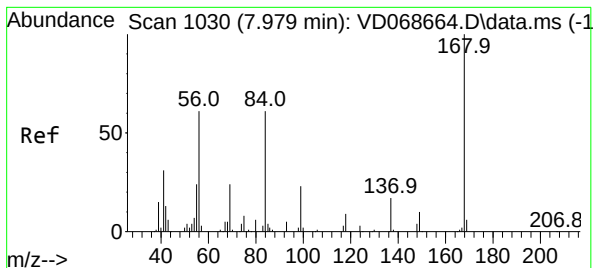
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.979	168	475605	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	844632	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	864659	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	409840	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	239852	50.01	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.02%			
35) Dibromofluoromethane	7.920	113	264239	50.28	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.56%			
50) Toluene-d8	10.344	98	1037295	51.20	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 102.40%			
62) 4-Bromofluorobenzene	12.632	95	385430	58.67	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 117.34%			
Target Compounds						Qvalue
11) Tert butyl alcohol	5.244	59	249	1.13	ug/l #	73
16) Acetone	4.162	43	27981	48.09	ug/l #	84
17) Carbon Disulfide	4.409	76	17621	1.46	ug/l #	85
20) Methylene Chloride	4.962	84	11550	Below Cal	#	81
25) 2-Butanone	7.226	43	6035	6.26	ug/l #	86
31) Cyclohexane	7.973	56	9834	1.27	ug/l #	42
36) 1,1-Dichloropropene	7.979	75	33874	4.49	ug/l #	50
37) Ethyl Acetate	7.226	43	6035	2.53	ug/l #	64
38) Carbon Tetrachloride	7.979	117	46646	6.20	ug/l #	17
49) 1,4-Dioxane	9.303	88	65	1.95	ug/l #	25
51) 4-Methyl-2-Pentanone	10.338	43	3597	1.51	ug/l #	1
76) 1,2,3-Trichloropropane	12.632	75	194940	57.15	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	194940	130.02	ug/l #	16

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

Quant Time: Mar 31 01:01:49 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031921S.M
Quant Title : SW846 8260
QLast Update : Sat Mar 20 02:00:55 2021
Response via : Initial Calibration

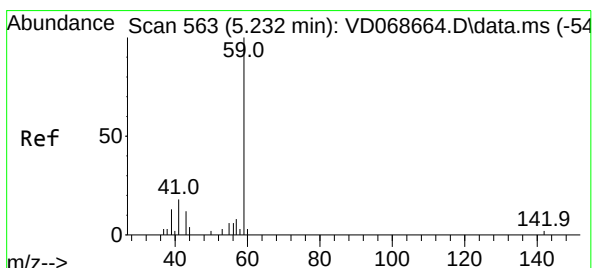
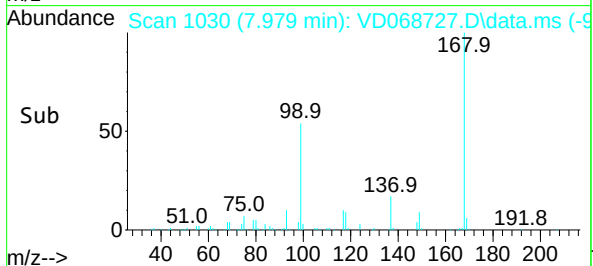
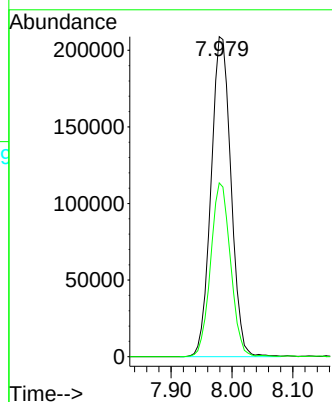
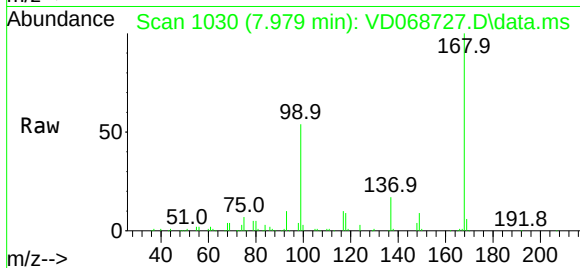




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD068727.D
Acq: 30 Mar 2021 16:26

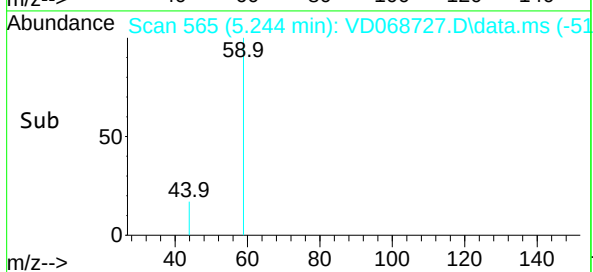
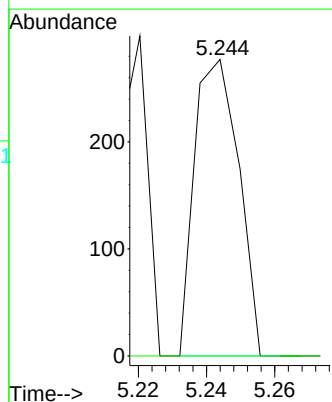
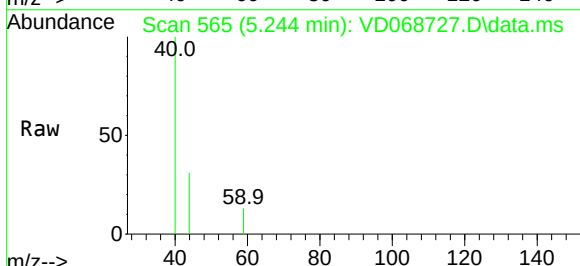
Instrument :
MSVOA_D
ClientSampled :

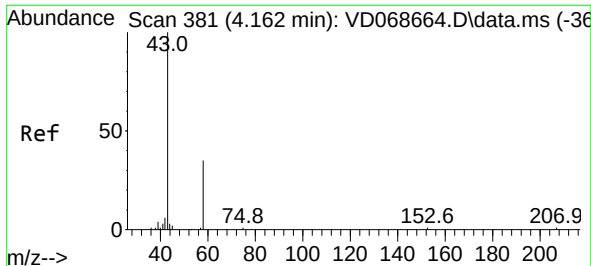
Tgt Ion:168 Resp: 475605
Ion Ratio Lower Upper
168 100
99 54.3 46.2 69.2



#11
Tert butyl alcohol
Concen: 1.13 ug/l
RT: 5.244 min Scan# 565
Delta R.T. 0.012 min
Lab File: VD068727.D
Acq: 30 Mar 2021 16:26

Tgt Ion: 59 Resp: 249
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

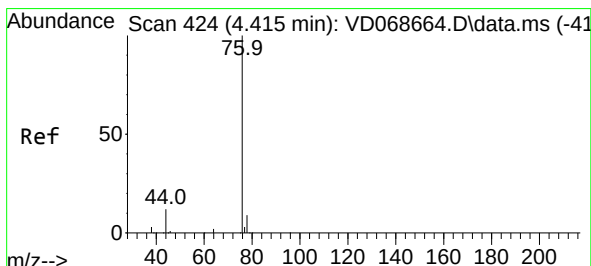
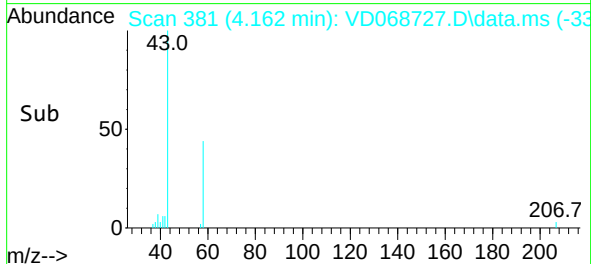
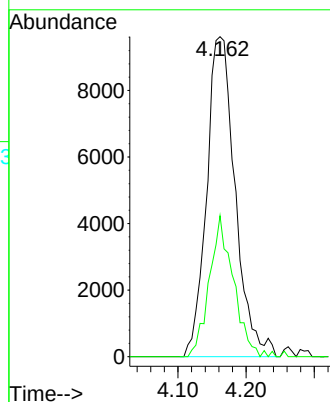
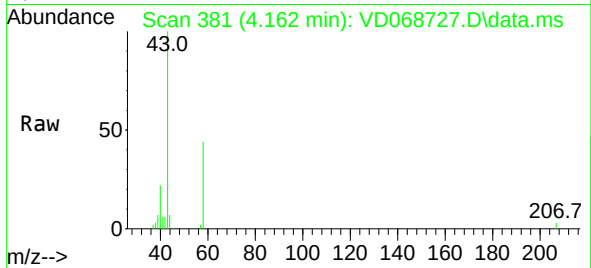




#16
Acetone
Concen: 48.09 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.000 min
Lab File: VD068727.D
Acq: 30 Mar 2021 16:26

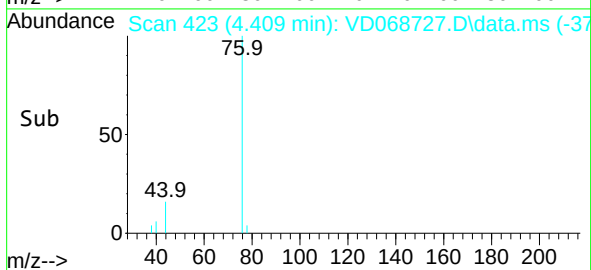
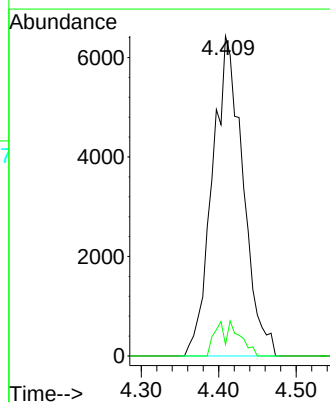
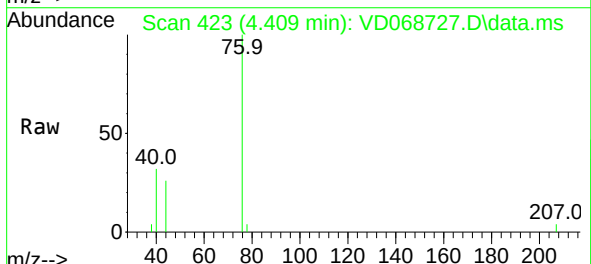
Instrument :
MSVOA_D
ClientSampled :

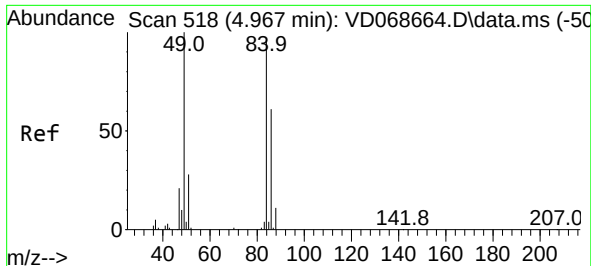
Tgt Ion: 43 Resp: 27981
Ion Ratio Lower Upper
43 100
58 44.1 28.0 42.0#



#17
Carbon Disulfide
Concen: 1.46 ug/l
RT: 4.409 min Scan# 423
Delta R.T. -0.006 min
Lab File: VD068727.D
Acq: 30 Mar 2021 16:26

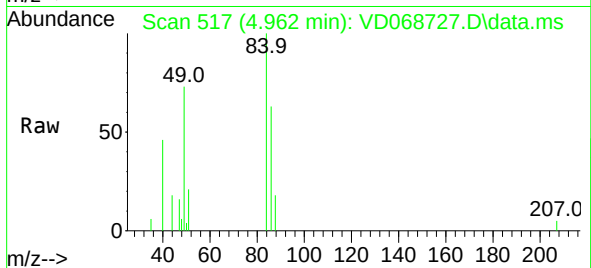
Tgt Ion: 76 Resp: 17621
Ion Ratio Lower Upper
76 100
78 3.6 7.3 10.9#



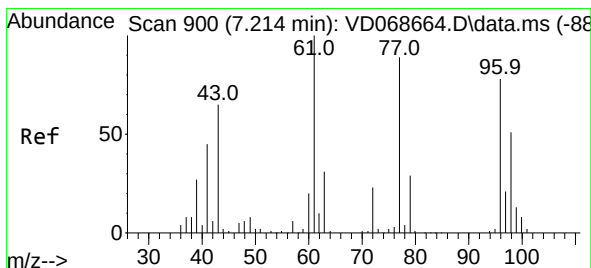
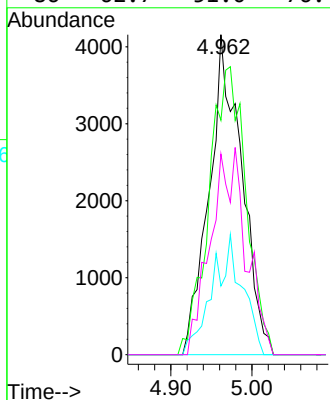
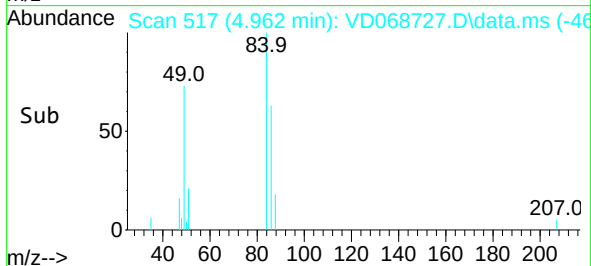


#20
Methylene Chloride
Concen: Below Cal
RT: 4.962 min Scan# 517
Delta R.T. -0.005 min
Lab File: VD068727.D
Acq: 30 Mar 2021 16:26

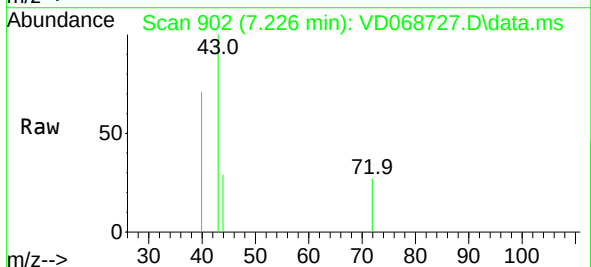
Instrument :
MSVOA_D
ClientSampleId :



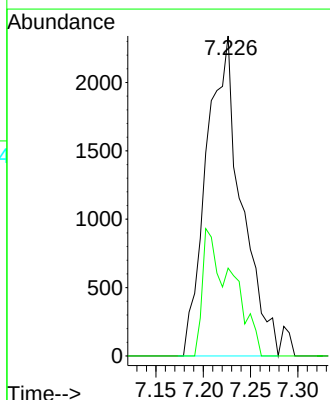
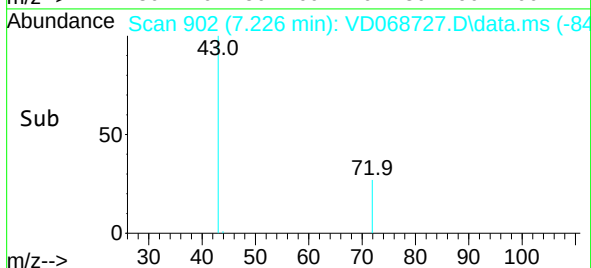
Tgt Ion:	84	Resp:	11550
Ion	Ratio	Lower	Upper
84	100		
49	73.3	83.4	125.0#
51	21.4	23.4	35.2#
86	62.7	51.0	76.4

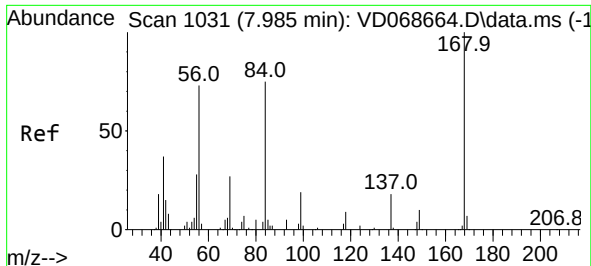


#25
2-Butanone
Concen: 6.26 ug/l
RT: 7.226 min Scan# 902
Delta R.T. 0.012 min
Lab File: VD068727.D
Acq: 30 Mar 2021 16:26



Tgt Ion:	43	Resp:	6035
Ion	Ratio	Lower	Upper
43	100		
72	27.5	28.6	43.0#

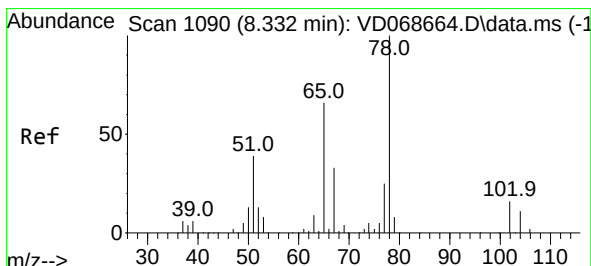
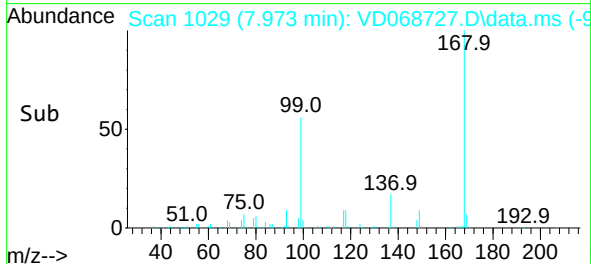
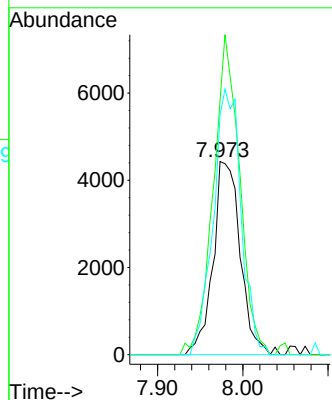
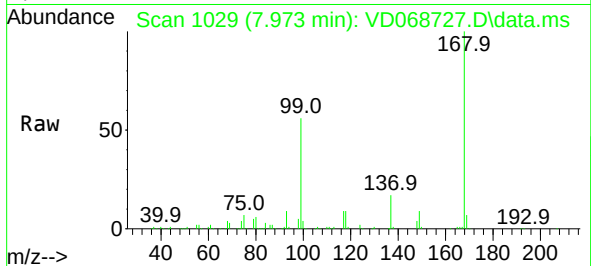




#31
Cyclohexane
Concen: 1.27 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD068727.D
Acq: 30 Mar 2021 16:26

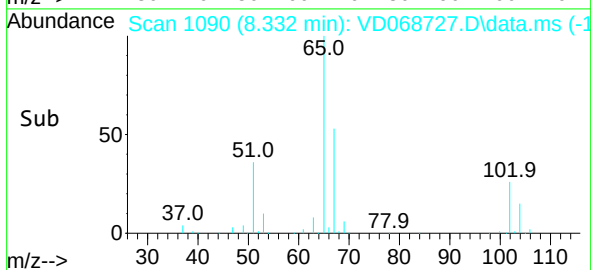
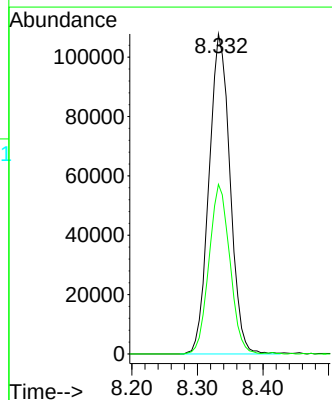
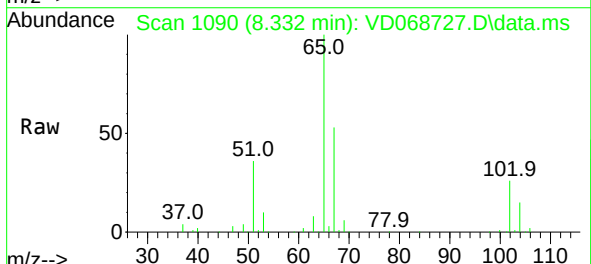
Instrument :
MSVOA_D
ClientSampled :

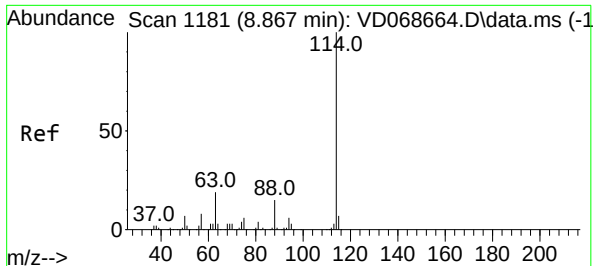
Tgt Ion: 56 Resp: 9834
Ion Ratio Lower Upper
56 100
69 131.3 30.0 45.0#
84 124.1 82.0 123.0#



#33
1,2-Dichloroethane-d4
Concen: 50.01 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068727.D
Acq: 30 Mar 2021 16:26

Tgt Ion: 65 Resp: 239852
Ion Ratio Lower Upper
65 100
67 52.5 0.0 106.0

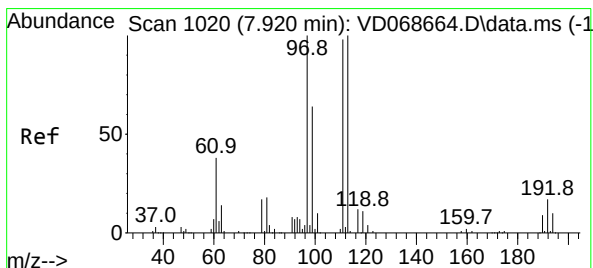
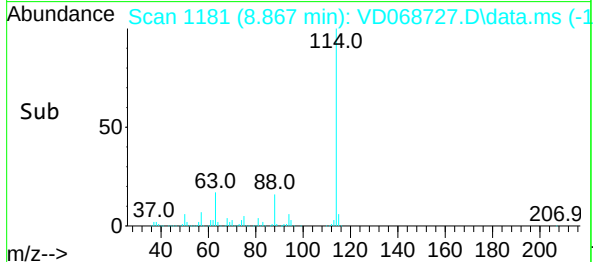
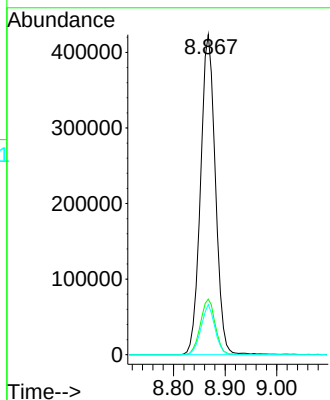
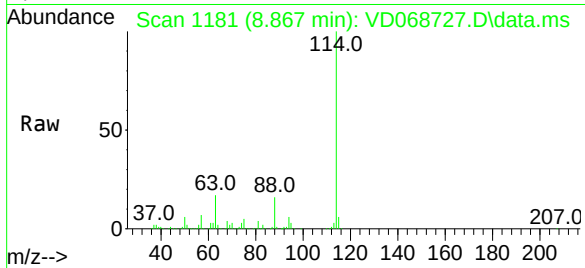




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068727.D
Acq: 30 Mar 2021 16:26

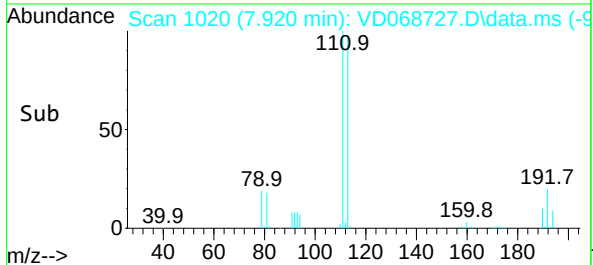
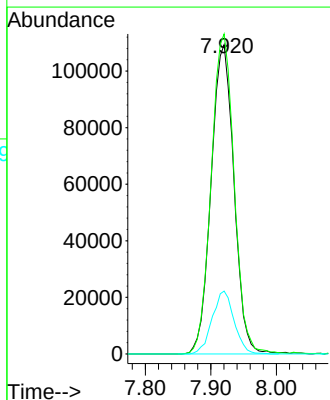
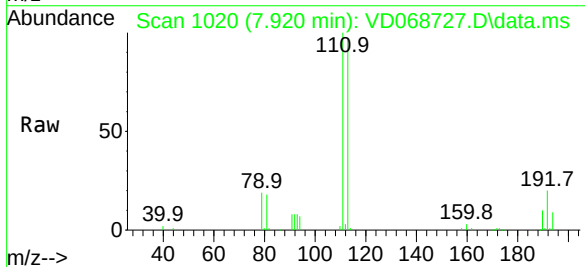
Instrument :
MSVOA_D
ClientSampleId :

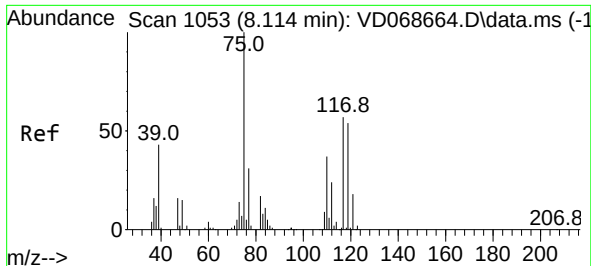
Tgt Ion:114 Resp: 844632
Ion Ratio Lower Upper
114 100
63 17.4 0.0 38.2
88 15.7 0.0 29.4



#35
Dibromofluoromethane
Concen: 50.28 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068727.D
Acq: 30 Mar 2021 16:26

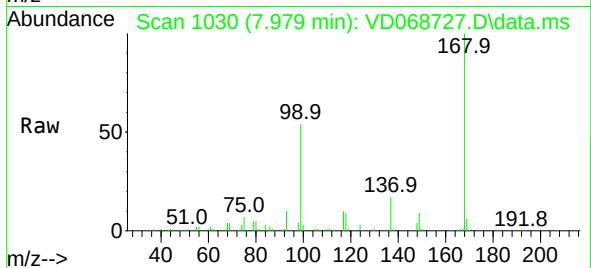
Tgt Ion:113 Resp: 264239
Ion Ratio Lower Upper
113 100
111 104.0 82.5 123.7
192 19.5 15.1 22.7



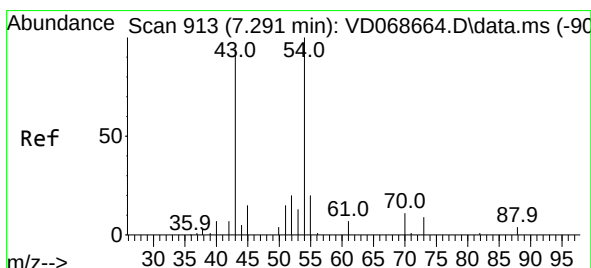
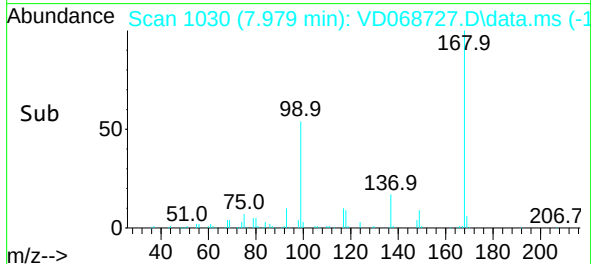
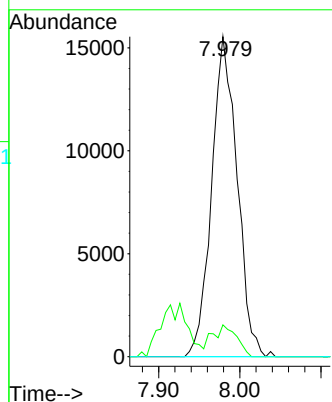


#36
1,1-Dichloropropene
Concen: 4.49 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.135 min
Lab File: VD068727.D
Acq: 30 Mar 2021 16:26

Instrument :
MSVOA_D
ClientSampled :

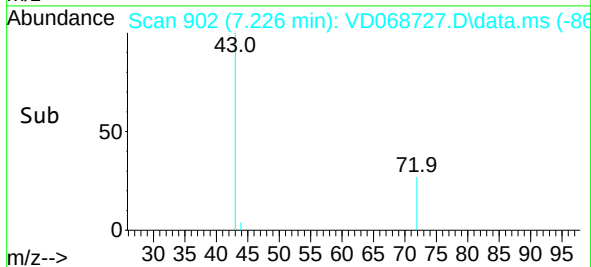
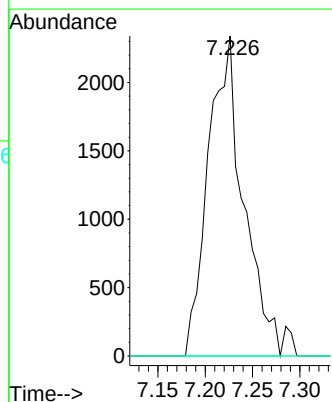
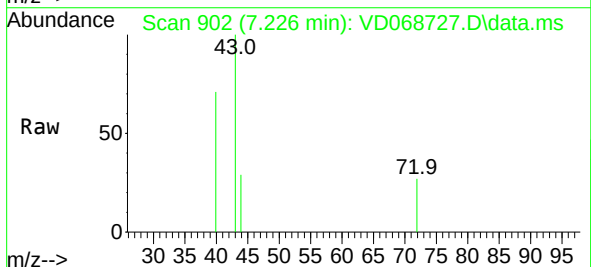


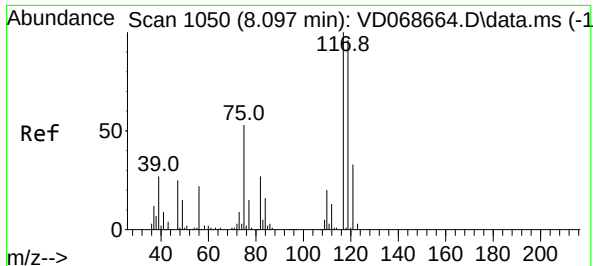
Tgt Ion: 75 Resp: 33874
Ion Ratio Lower Upper
75 100
110 9.4 18.1 54.4#
77 0.0 24.7 37.1#



#37
Ethyl Acetate
Concen: 2.53 ug/l
RT: 7.226 min Scan# 902
Delta R.T. -0.065 min
Lab File: VD068727.D
Acq: 30 Mar 2021 16:26

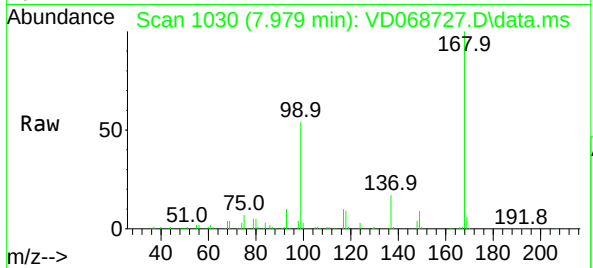
Tgt Ion: 43 Resp: 6035
Ion Ratio Lower Upper
43 100
61 0.0 14.2 21.4#
70 0.0 9.4 14.0#



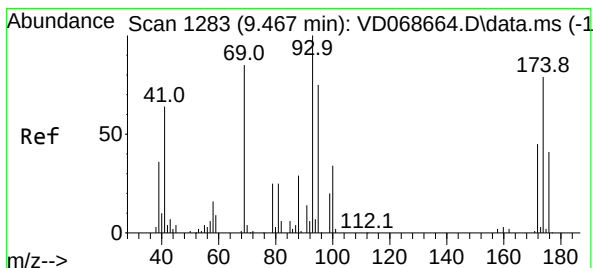
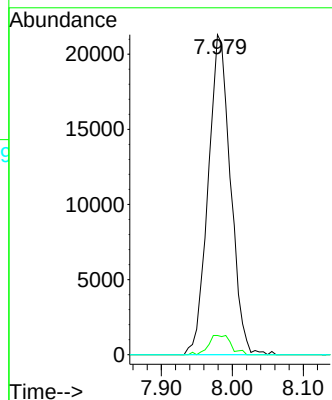
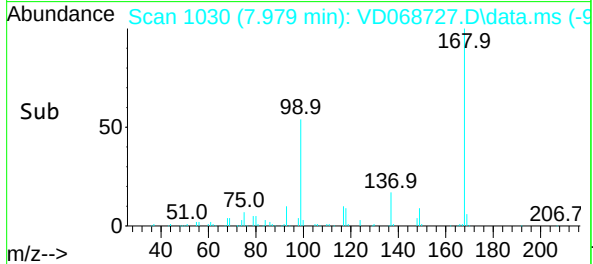


#38
Carbon Tetrachloride
Concen: 6.20 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD068727.D
Acq: 30 Mar 2021 16:26

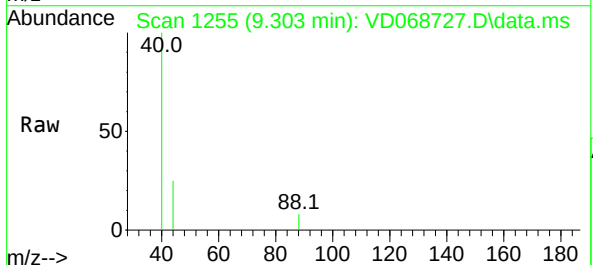
Instrument :
MSVOA_D
ClientSampled :



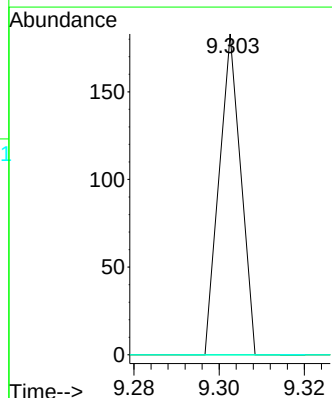
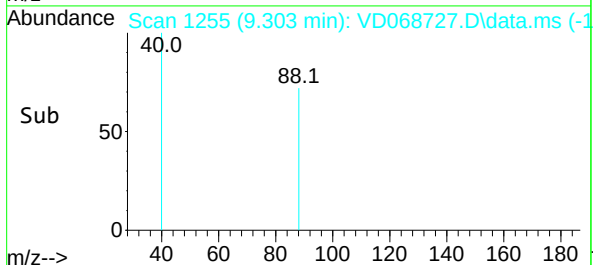
Tgt Ion:117 Resp: 46646
Ion Ratio Lower Upper
117 100
119 6.0 76.6 115.0#
121 0.0 26.1 39.1#

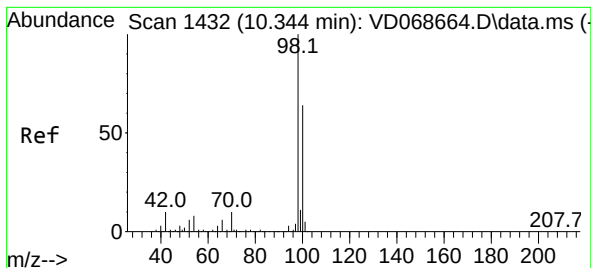


#49
1,4-Dioxane
Concen: 1.95 ug/l
RT: 9.303 min Scan# 1255
Delta R.T. -0.165 min
Lab File: VD068727.D
Acq: 30 Mar 2021 16:26



Tgt Ion: 88 Resp: 65
Ion Ratio Lower Upper
88 100
43 0.0 25.8 38.8#
58 0.0 54.0 81.0#

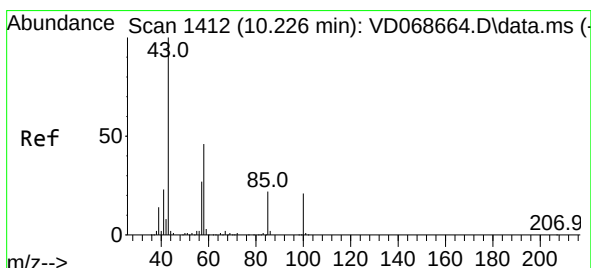
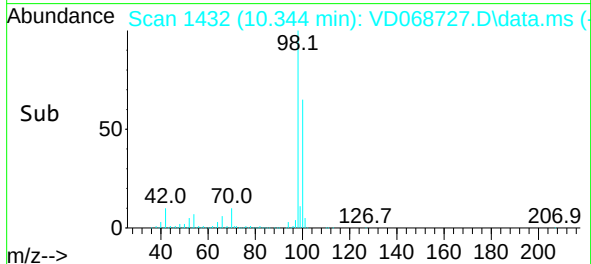
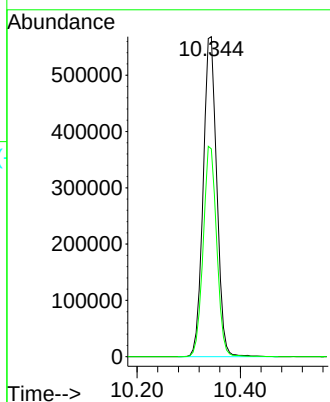
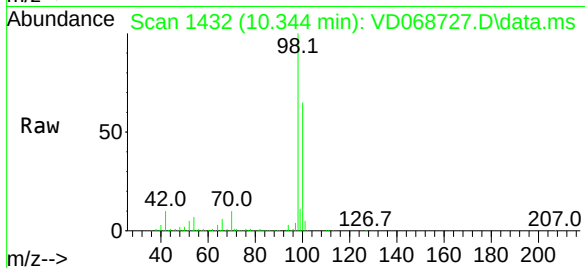




#50
Toluene-d8
Concen: 51.20 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068727.D
Acq: 30 Mar 2021 16:26

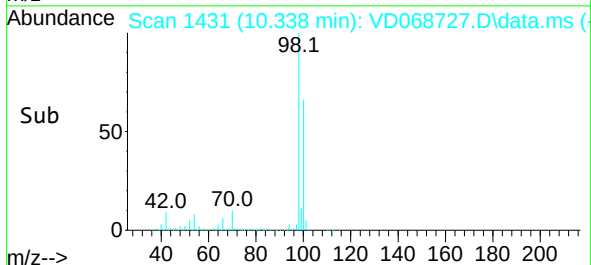
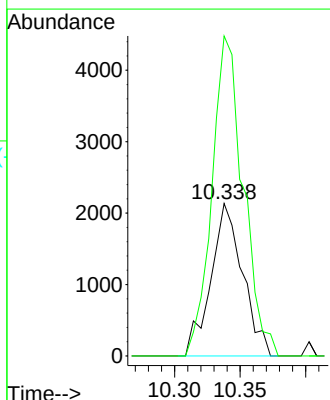
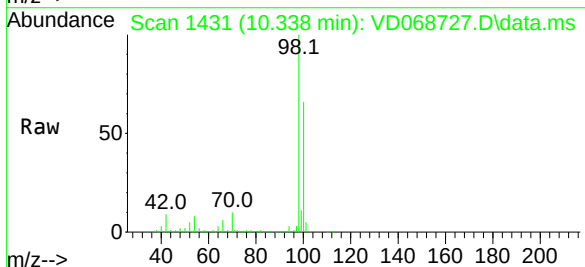
Instrument :
MSVOA_D
ClientSampled :

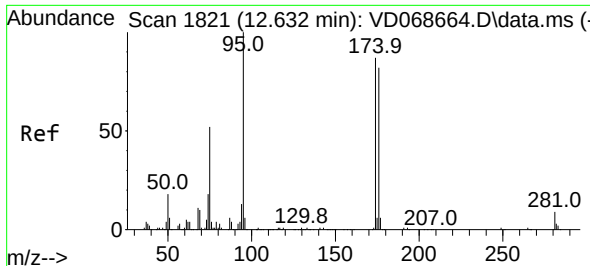
Tgt Ion: 98 Resp: 1037295
Ion Ratio Lower Upper
98 100
100 65.4 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 1.51 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.112 min
Lab File: VD068727.D
Acq: 30 Mar 2021 16:26

Tgt Ion: 43 Resp: 3597
Ion Ratio Lower Upper
43 100
58 206.7 37.3 55.9#

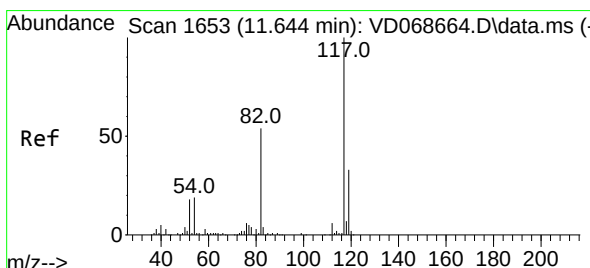
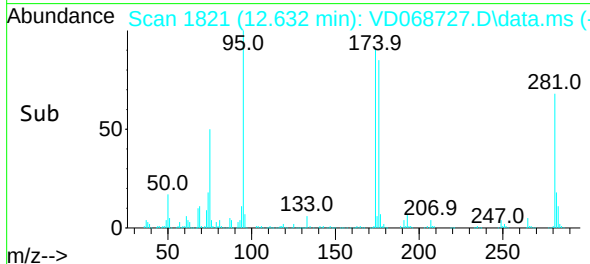
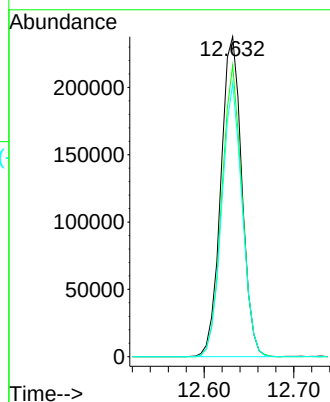
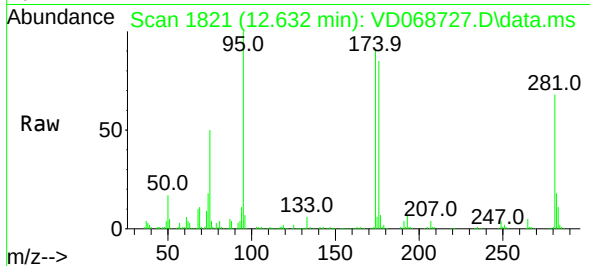




#62
4-Bromofluorobenzene
Concen: 58.67 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068727.D
Acq: 30 Mar 2021 16:26

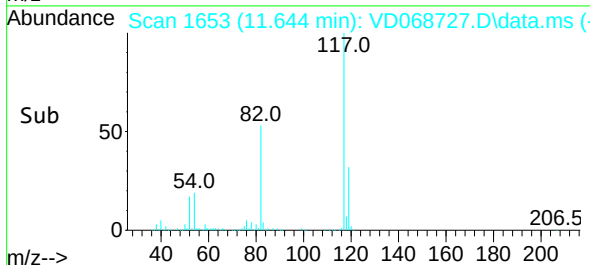
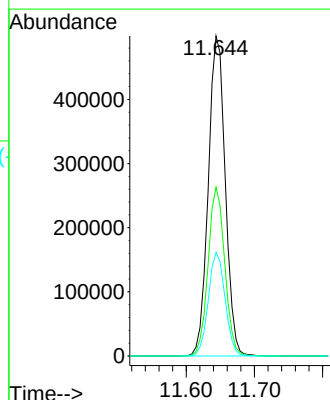
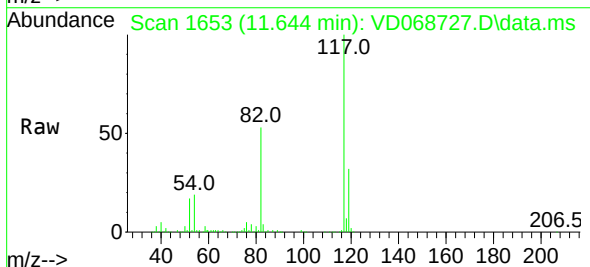
Instrument :
MSVOA_D
ClientSampleId :

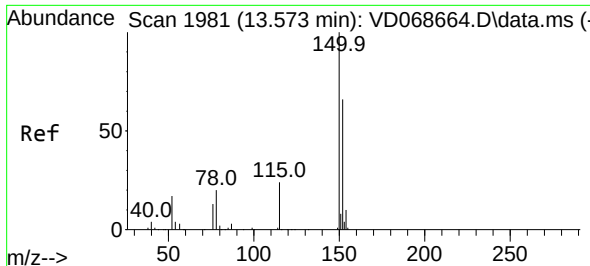
Tgt Ion: 95 Resp: 385430
Ion Ratio Lower Upper
95 100
174 87.6 0.0 168.0
176 83.4 0.0 160.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068727.D
Acq: 30 Mar 2021 16:26

Tgt Ion: 117 Resp: 864659
Ion Ratio Lower Upper
117 100
82 52.7 43.5 65.3
119 32.4 26.7 40.1

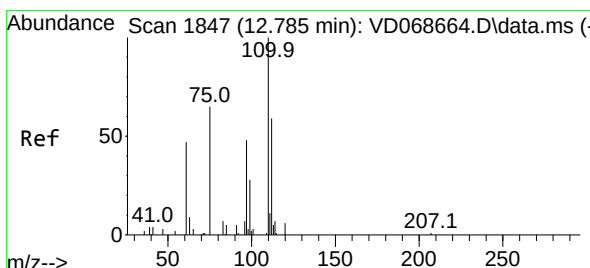
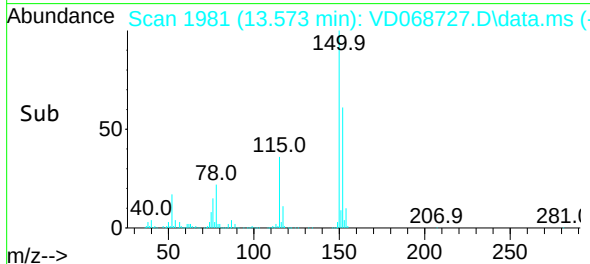
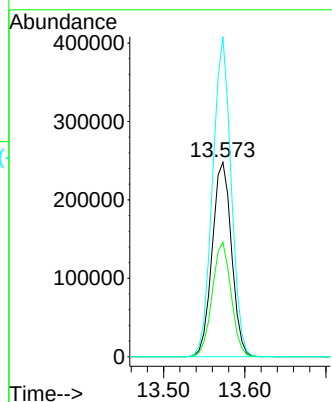
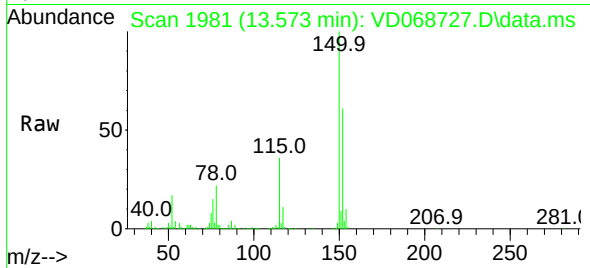




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD068727.D
Acq: 30 Mar 2021 16:26

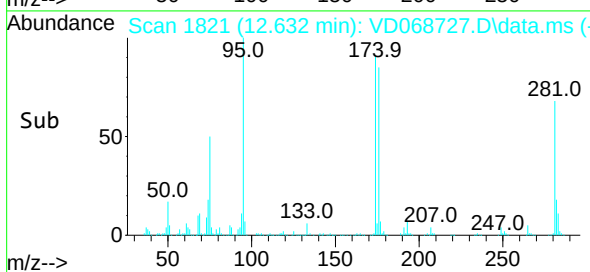
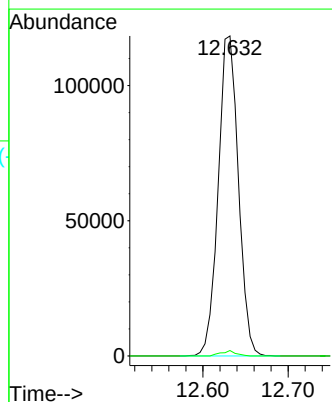
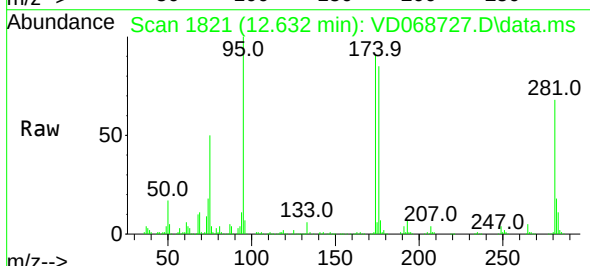
Instrument :
MSVOA_D
ClientSampled :

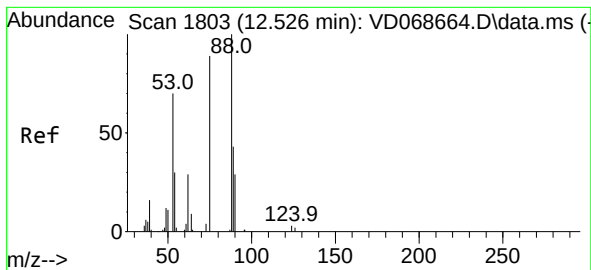
Tgt Ion:152 Resp: 409840
Ion Ratio Lower Upper
152 100
115 57.5 29.3 87.8
150 157.9 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 57.15 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD068727.D
Acq: 30 Mar 2021 16:26

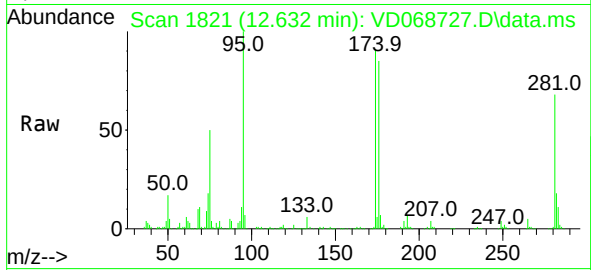
Tgt Ion: 75 Resp: 194940
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 130.02 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. 0.106 min
 Lab File: VD068727.D
 Acq: 30 Mar 2021 16:26

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75 Resp: 194940
 Ion Ratio Lower Upper
 75 100
 53 0.0 66.8 100.2#
 89 0.7 36.6 54.8#

