

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042321\
 Data File : VD068975.D
 Acq On : 23 Apr 2021 18:50
 Operator : VA/SY
 Sample : M1249-16
 Misc : 5.09G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 26 09:52:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 08 03:50:31 2021
 Response via : Initial Calibration

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

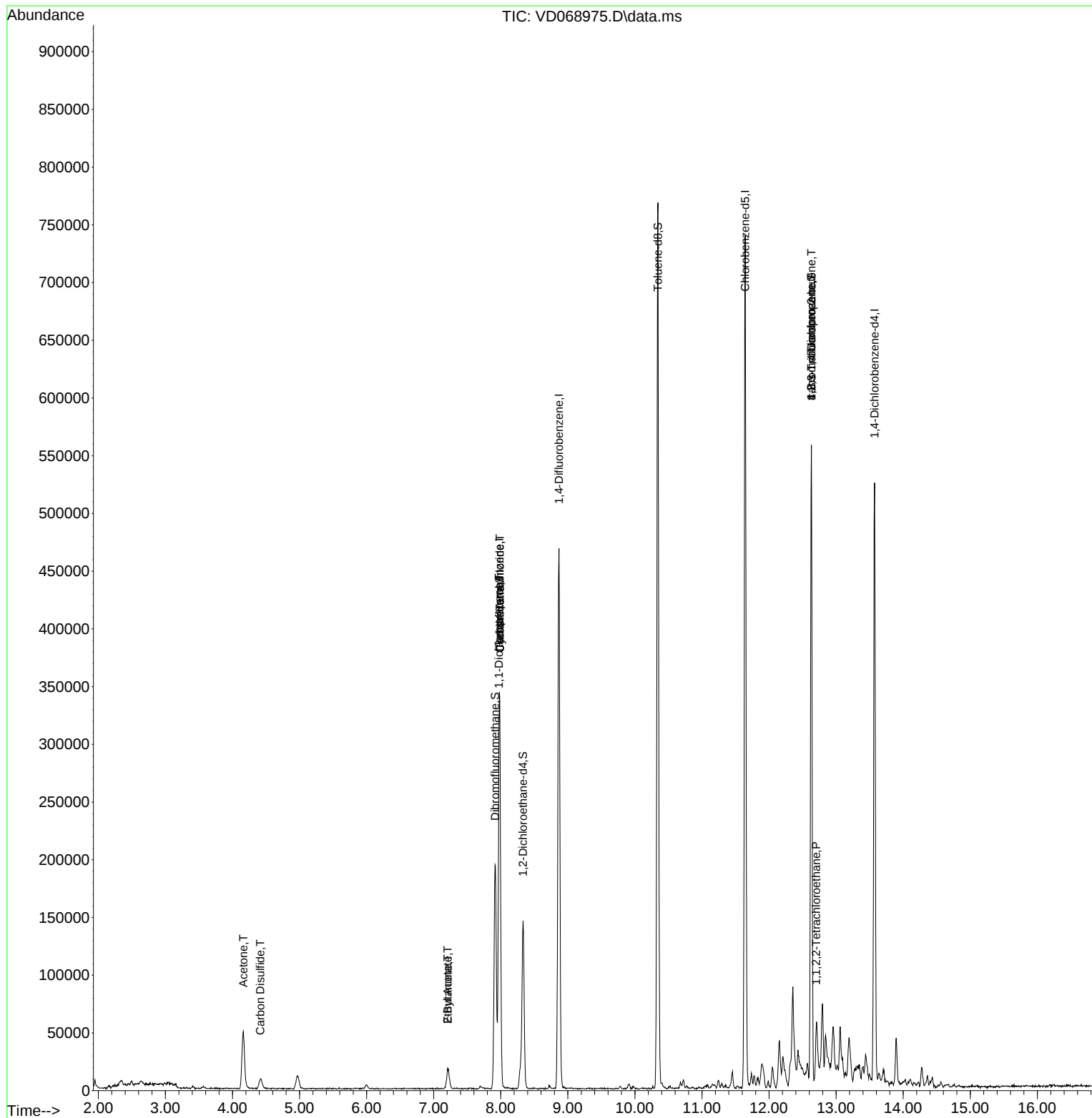
Internal Standards						
1) Pentafluorobenzene	7.979	168	265434	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	437134	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	450485	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	149737	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	113366	40.41	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	80.82%		
35) Dibromofluoromethane	7.914	113	141912	49.91	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.82%		
50) Toluene-d8	10.343	98	538842	50.24	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	100.48%		
62) 4-Bromofluorobenzene	12.632	95	173828	48.80	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	97.60%		
Target Compounds						
11) Tert butyl alcohol	5.191	59	56	Below Cal	#	73
16) Acetone	4.161	43	83462	214.85	ug/l	94
17) Carbon Disulfide	4.414	76	14786	1.72	ug/l	99
20) Methylene Chloride	4.967	84	10236	Below Cal		91
25) 2-Butanone	7.208	43	24110	43.86	ug/l	93
31) Cyclohexane	7.985	56	5240	1.12	ug/l #	23
36) 1,1-Dichloropropene	7.973	75	20033	4.53	ug/l #	48
37) Ethyl Acetate	7.208	43	24110	18.55	ug/l #	64
38) Carbon Tetrachloride	7.985	117	26321	6.01	ug/l #	16
75) 1,1,2,2-Tetrachloroethane	12.702	83	2154	1.05	ug/l #	39
76) 1,2,3-Trichloropropane	12.632	75	85868	62.77	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	85868	145.68	ug/l #	16

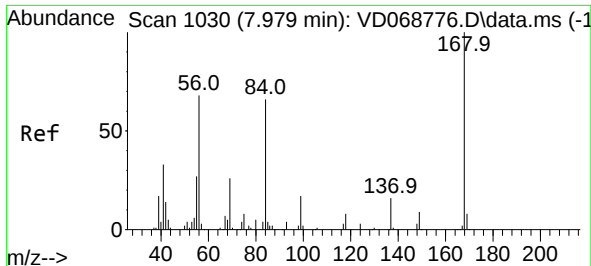
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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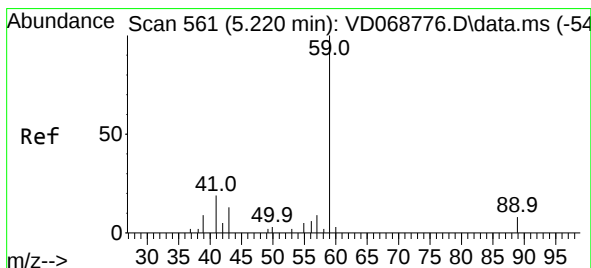
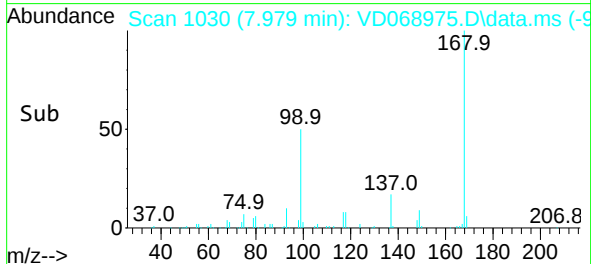
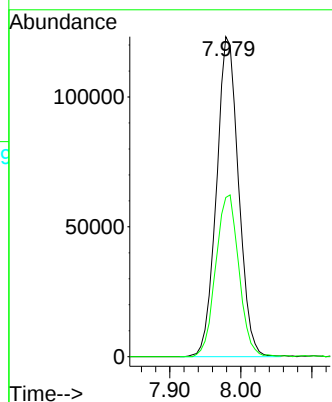
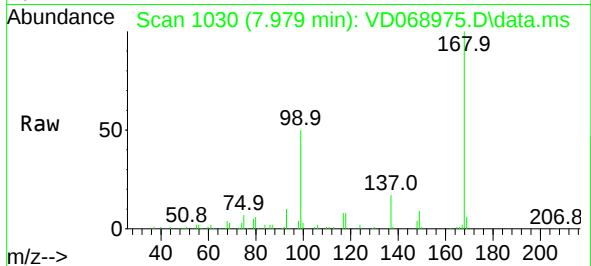




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD068975.D
Acq: 23 Apr 2021 18:50

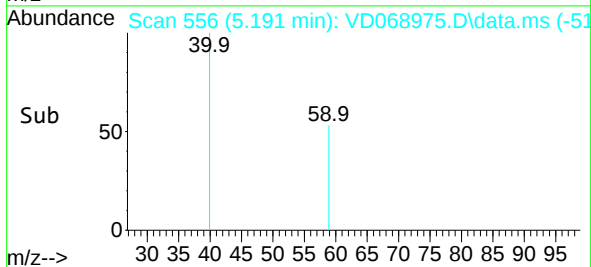
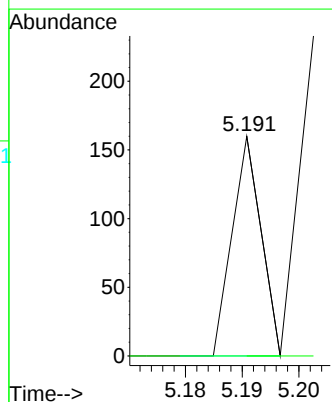
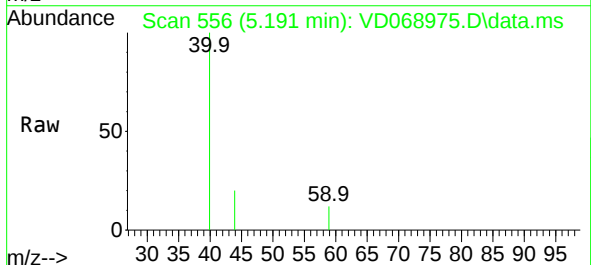
Instrument :
MSVOA_D
ClientSampled :

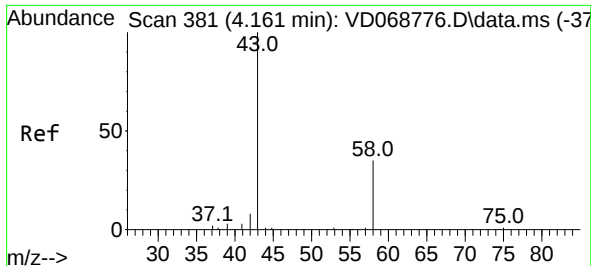
Tgt Ion:168 Resp: 265434
Ion Ratio Lower Upper
168 100
99 49.8 46.2 69.2



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.191 min Scan# 556
Delta R.T. -0.029 min
Lab File: VD068975.D
Acq: 23 Apr 2021 18:50

Tgt Ion: 59 Resp: 56
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

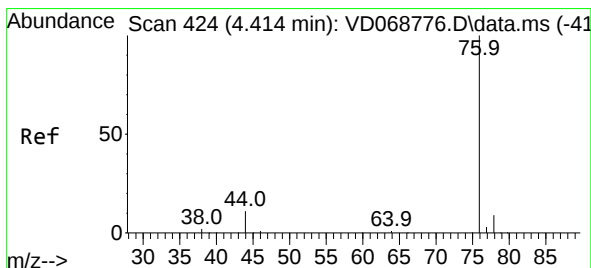
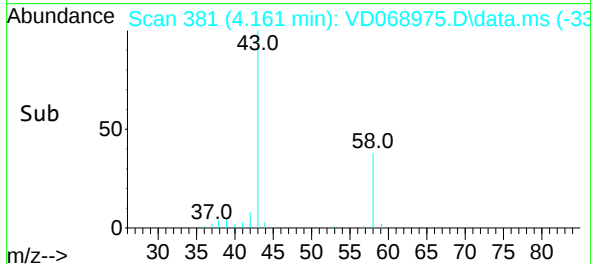
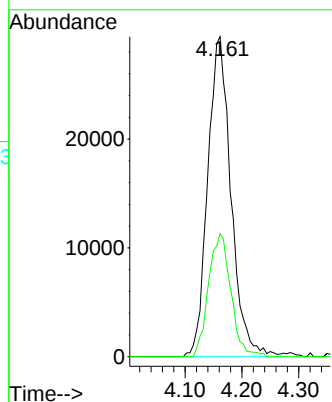
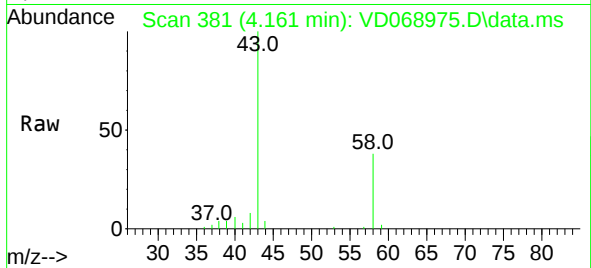




#16
Acetone
Concen: 214.85 ug/l
RT: 4.161 min Scan# 381
Delta R.T. 0.000 min
Lab File: VD068975.D
Acq: 23 Apr 2021 18:50

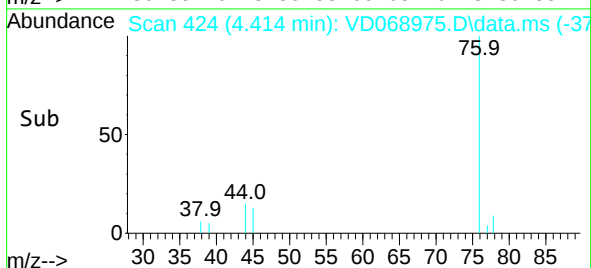
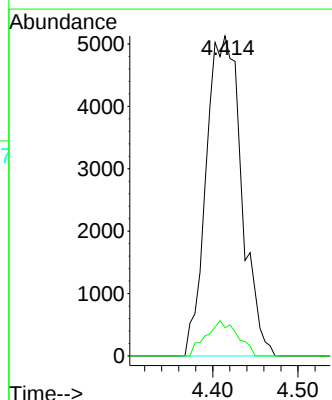
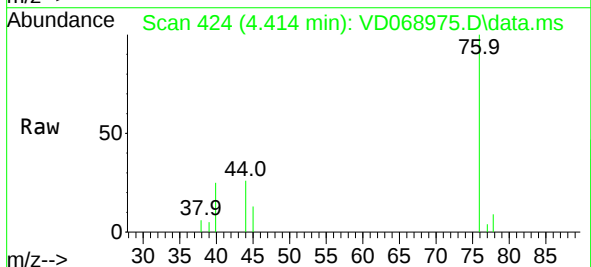
Instrument :
MSVOA_D
ClientSampleId :

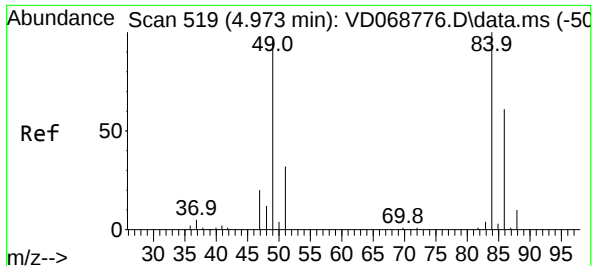
Tgt Ion: 43 Resp: 83462
Ion Ratio Lower Upper
43 100
58 38.4 28.0 42.0



#17
Carbon Disulfide
Concen: 1.72 ug/l
RT: 4.414 min Scan# 424
Delta R.T. 0.000 min
Lab File: VD068975.D
Acq: 23 Apr 2021 18:50

Tgt Ion: 76 Resp: 14786
Ion Ratio Lower Upper
76 100
78 8.8 7.3 10.9





#20

Methylene Chloride

Concen: Below Cal

RT: 4.967 min Scan# 518

Delta R.T. -0.006 min

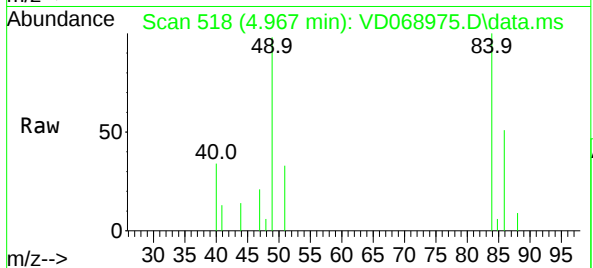
Lab File: VD068975.D

Acq: 23 Apr 2021 18:50

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 84 Resp: 10236

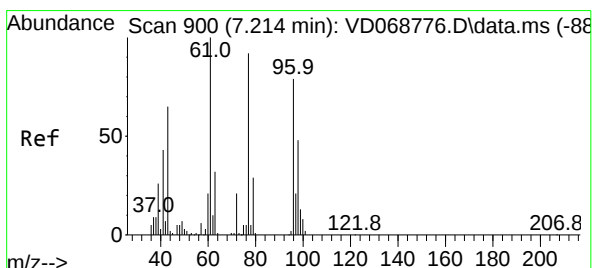
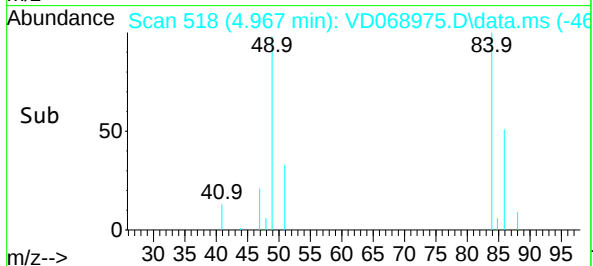
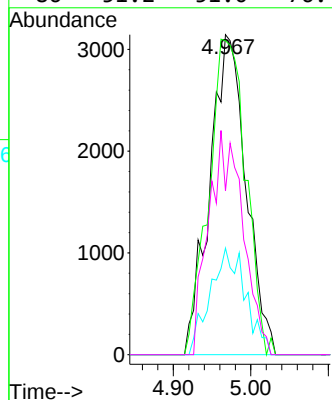
Ion Ratio Lower Upper

84 100

49 98.1 83.4 125.0

51 33.3 23.4 35.2

86 51.2 51.0 76.4



#25

2-Butanone

Concen: 43.86 ug/l

RT: 7.208 min Scan# 899

Delta R.T. -0.006 min

Lab File: VD068975.D

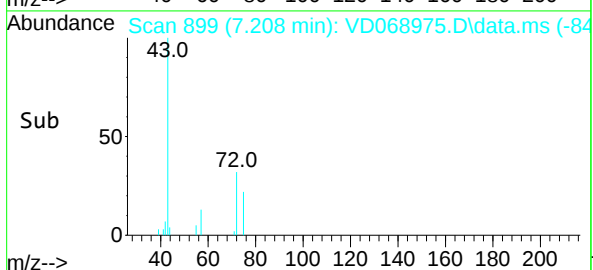
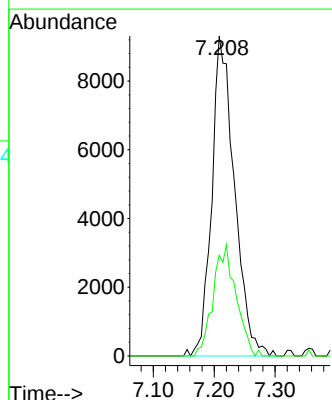
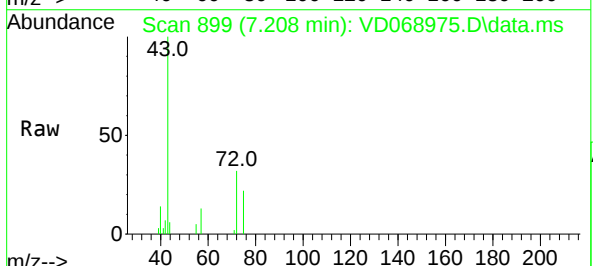
Acq: 23 Apr 2021 18:50

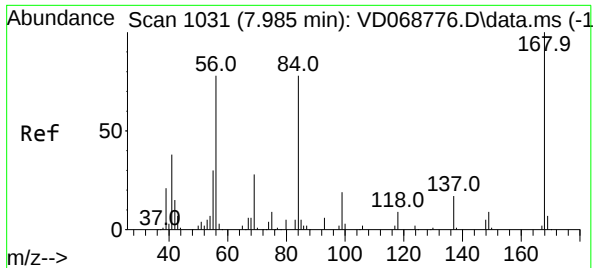
Tgt Ion: 43 Resp: 24110

Ion Ratio Lower Upper

43 100

72 31.5 28.6 43.0

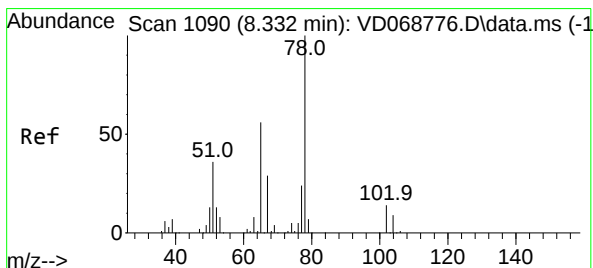
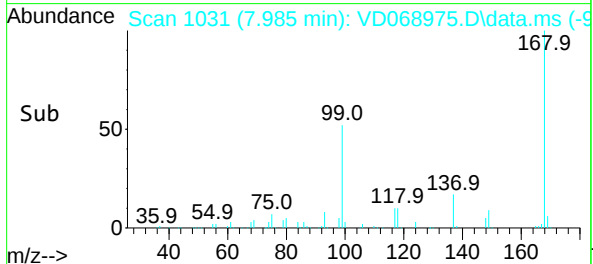
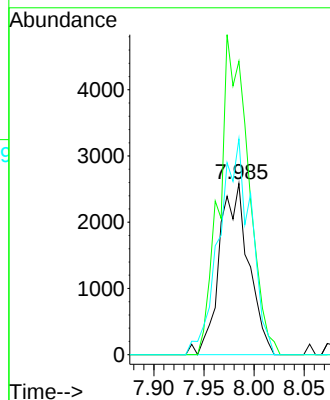
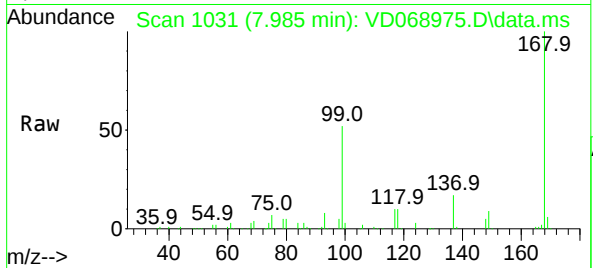




#31
Cyclohexane
Concen: 1.12 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068975.D
Acq: 23 Apr 2021 18:50

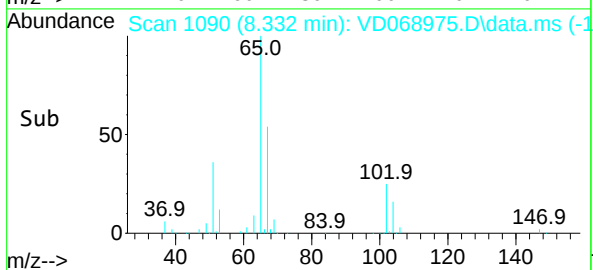
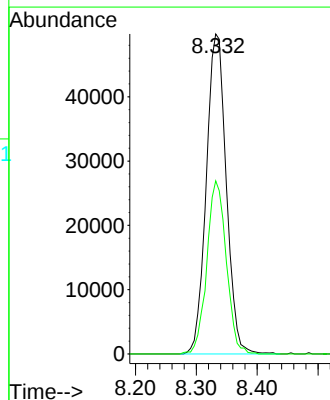
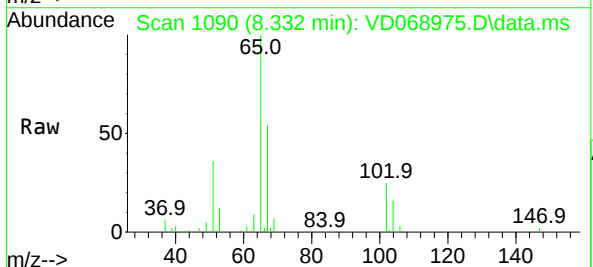
Instrument :
MSVOA_D
ClientSampleId :

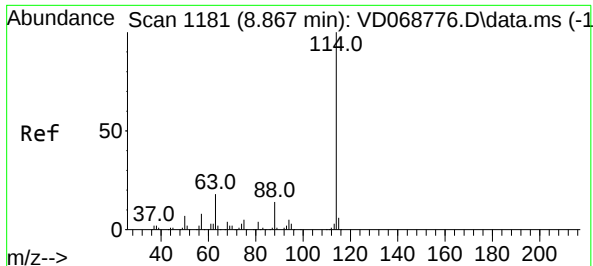
Tgt Ion: 56 Resp: 5240
Ion Ratio Lower Upper
56 100
69 171.4 30.0 45.0#
84 126.1 82.0 123.0#



#33
1,2-Dichloroethane-d4
Concen: 40.41 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068975.D
Acq: 23 Apr 2021 18:50

Tgt Ion: 65 Resp: 113366
Ion Ratio Lower Upper
65 100
67 52.6 0.0 106.0

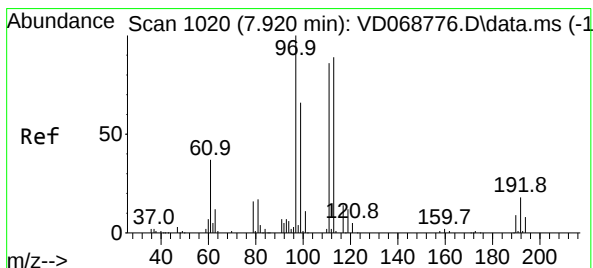
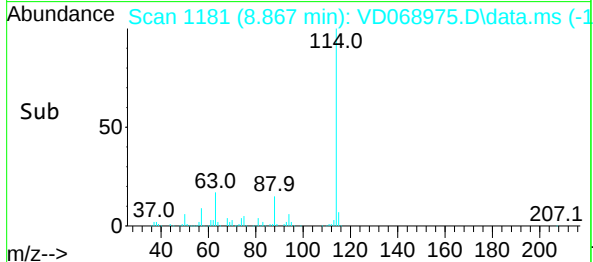
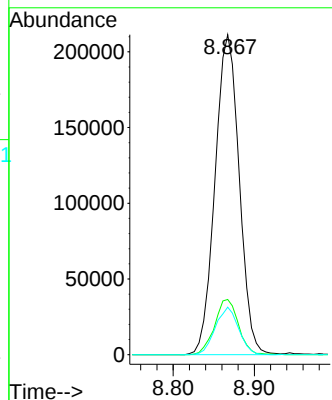
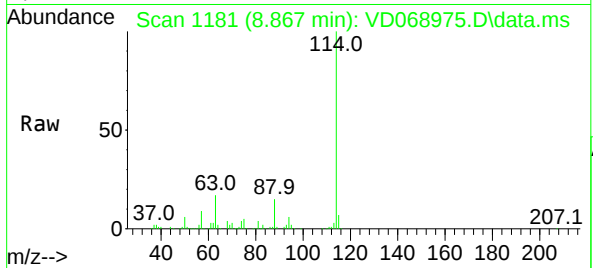




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068975.D
Acq: 23 Apr 2021 18:50

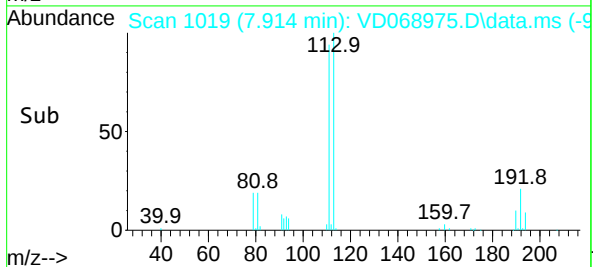
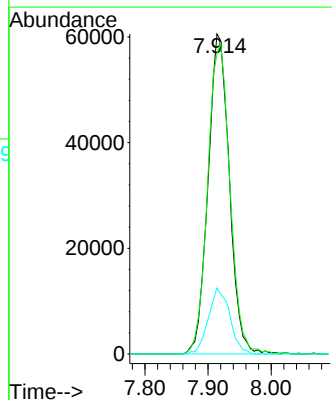
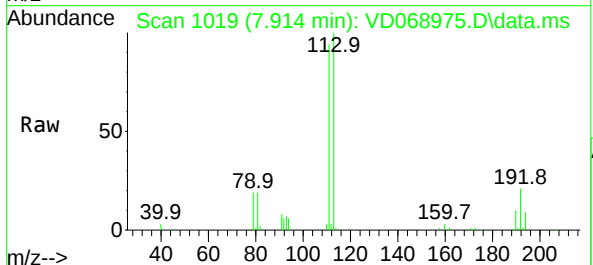
Instrument :
MSVOA_D
ClientSampleId :

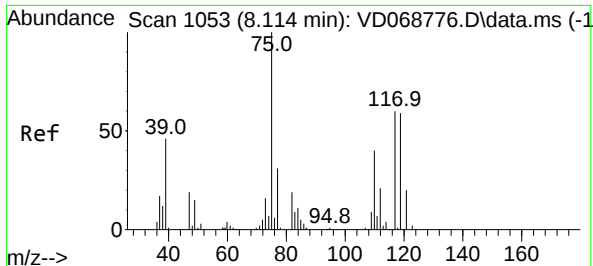
Tgt Ion:114 Resp: 437134
Ion Ratio Lower Upper
114 100
63 17.3 0.0 38.2
88 14.9 0.0 29.4



#35
Dibromofluoromethane
Concen: 49.91 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068975.D
Acq: 23 Apr 2021 18:50

Tgt Ion:113 Resp: 141912
Ion Ratio Lower Upper
113 100
111 101.3 82.5 123.7
192 20.7 15.1 22.7

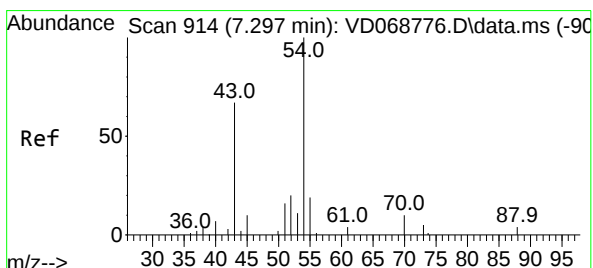
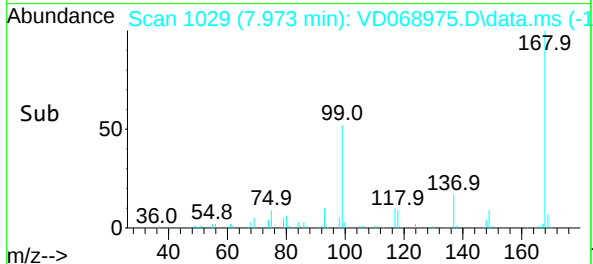
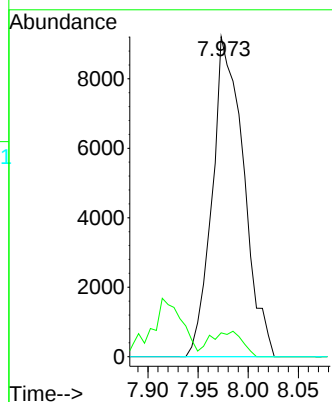
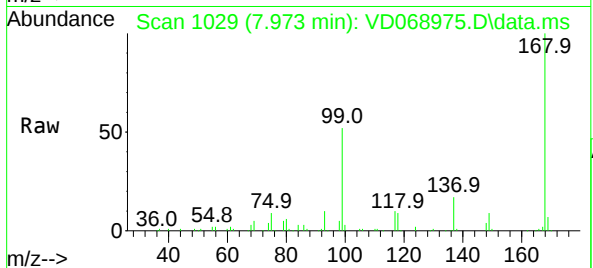




#36
1,1-Dichloropropene
Concen: 4.53 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.141 min
Lab File: VD068975.D
Acq: 23 Apr 2021 18:50

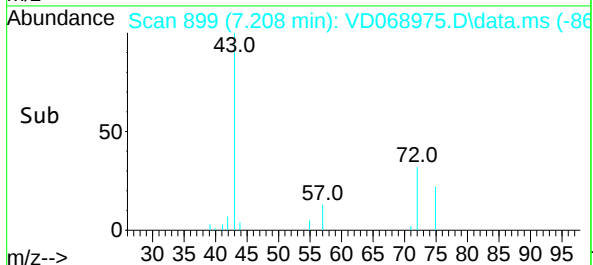
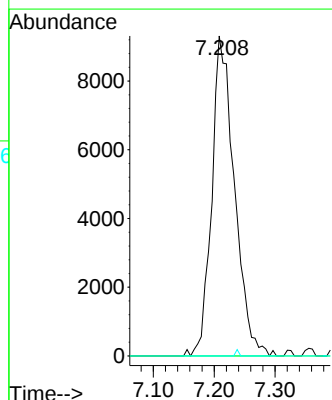
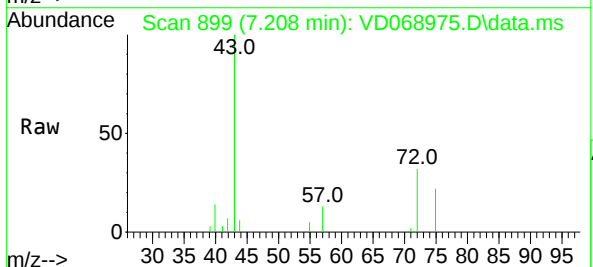
Instrument :
MSVOA_D
ClientSampleId :

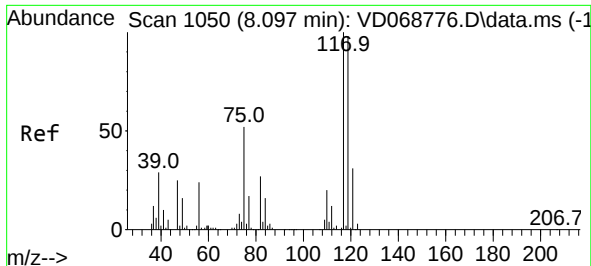
Tgt Ion: 75 Resp: 20033
Ion Ratio Lower Upper
75 100
110 8.1 18.1 54.4#
77 0.0 24.7 37.1#



#37
Ethyl Acetate
Concen: 18.55 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.089 min
Lab File: VD068975.D
Acq: 23 Apr 2021 18:50

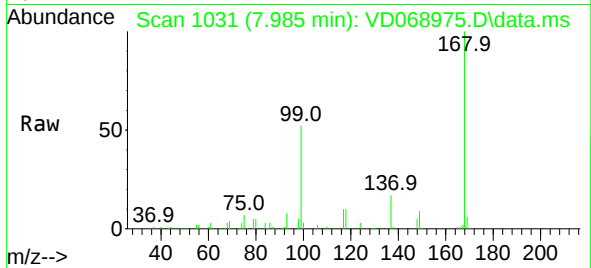
Tgt Ion: 43 Resp: 24110
Ion Ratio Lower Upper
43 100
61 0.0 14.2 21.4#
70 0.0 9.4 14.0#



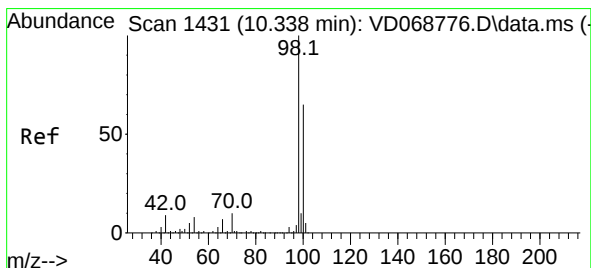
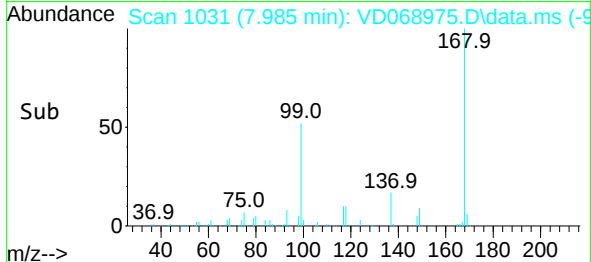
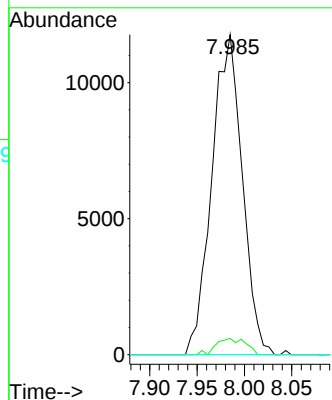


#38
Carbon Tetrachloride
Concen: 6.01 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.112 min
Lab File: VD068975.D
Acq: 23 Apr 2021 18:50

Instrument :
MSVOA_D
ClientSampleId :

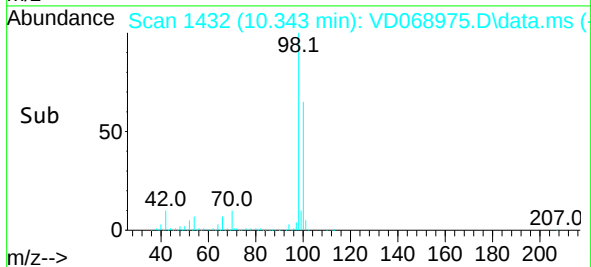
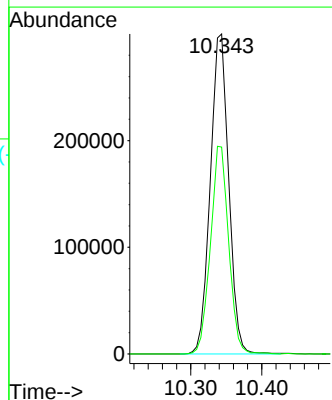
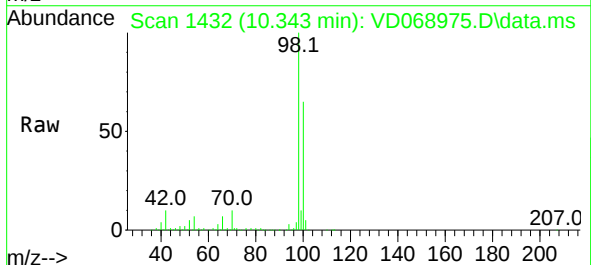


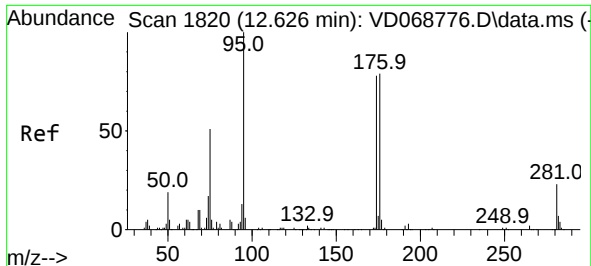
Tgt Ion:117 Resp: 26321
Ion Ratio Lower Upper
117 100
119 5.1 76.6 115.0#
121 0.0 26.1 39.1#



#50
Toluene-d8
Concen: 50.24 ug/l
RT: 10.343 min Scan# 1432
Delta R.T. 0.005 min
Lab File: VD068975.D
Acq: 23 Apr 2021 18:50

Tgt Ion: 98 Resp: 538842
Ion Ratio Lower Upper
98 100
100 64.3 51.8 77.6

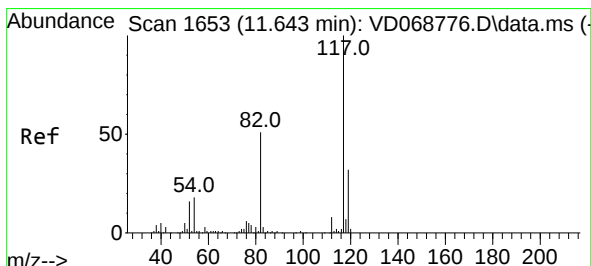
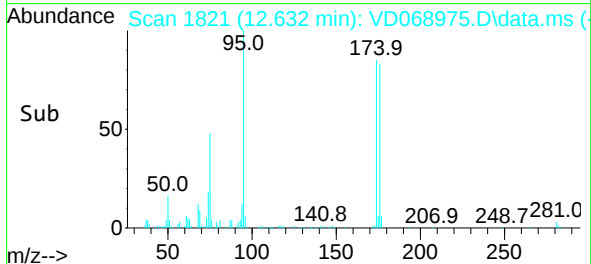
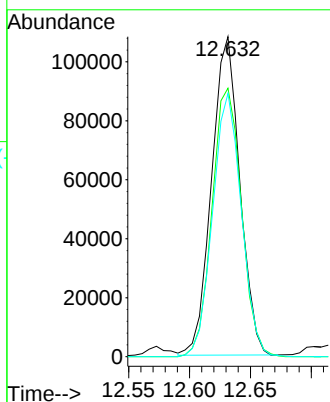
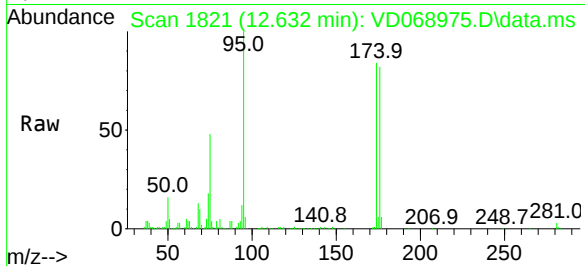




#62
4-Bromofluorobenzene
Concen: 48.80 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD068975.D
Acq: 23 Apr 2021 18:50

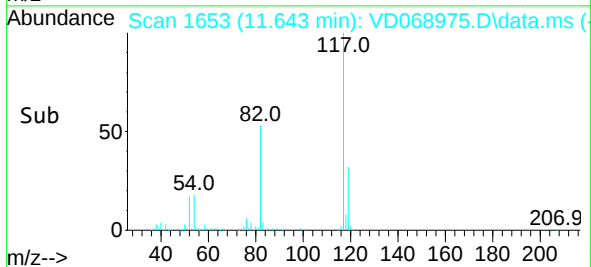
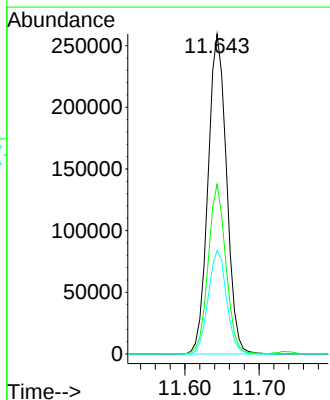
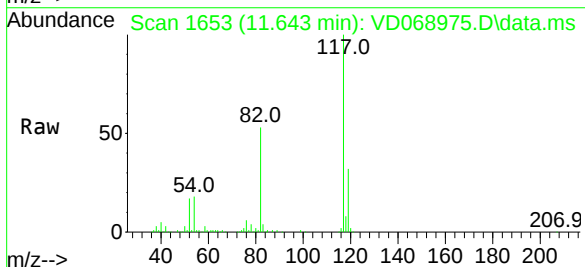
Instrument :
MSVOA_D
ClientSampleId :

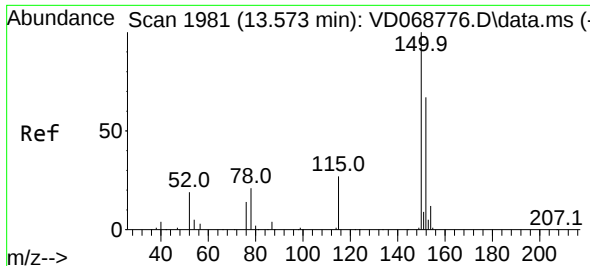
Tgt Ion: 95 Resp: 173828
Ion Ratio Lower Upper
95 100
174 87.9 0.0 168.0
176 84.1 0.0 160.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068975.D
Acq: 23 Apr 2021 18:50

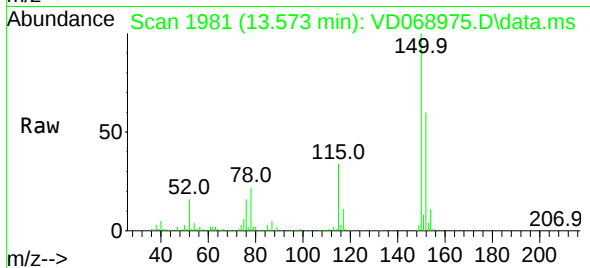
Tgt Ion:117 Resp: 450485
Ion Ratio Lower Upper
117 100
82 53.0 43.5 65.3
119 32.3 26.7 40.1



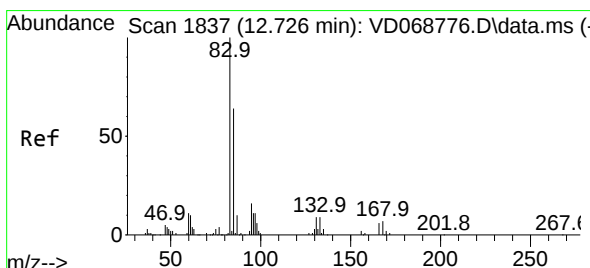
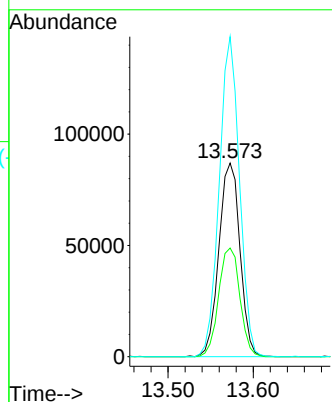
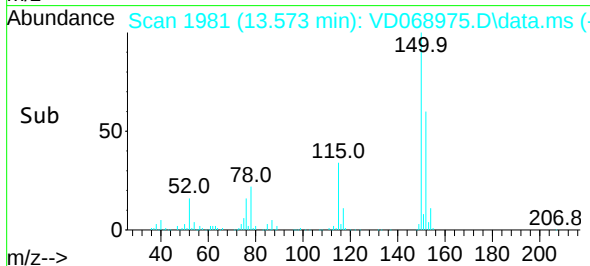


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.573 min Scan# 1981
 Delta R.T. -0.000 min
 Lab File: VD068975.D
 Acq: 23 Apr 2021 18:50

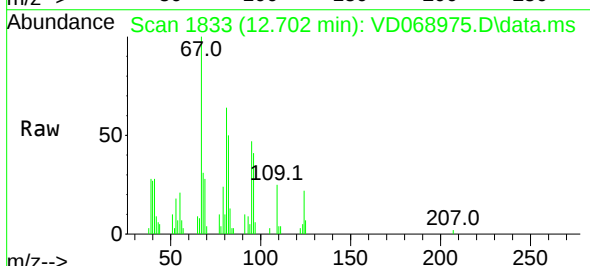
Instrument :
 MSVOA_D
 ClientSampled :



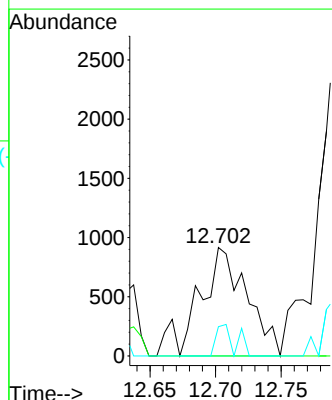
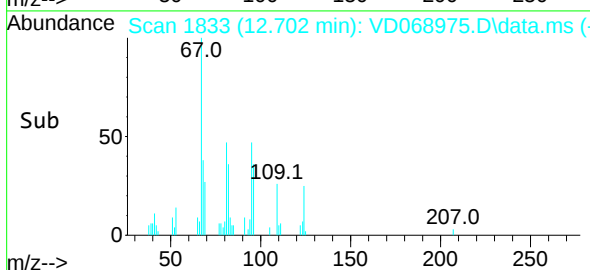
Tgt Ion:152 Resp: 149737
 Ion Ratio Lower Upper
 152 100
 115 56.4 29.3 87.8
 150 158.0 0.0 347.6

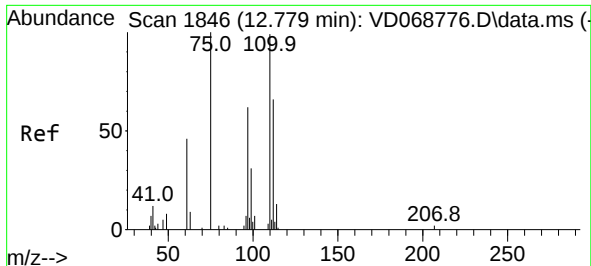


#75
 1,1,2,2-Tetrachloroethane
 Concen: 1.05 ug/l
 RT: 12.702 min Scan# 1833
 Delta R.T. -0.024 min
 Lab File: VD068975.D
 Acq: 23 Apr 2021 18:50



Tgt Ion: 83 Resp: 2154
 Ion Ratio Lower Upper
 83 100
 131 0.0 5.1 15.3#
 85 12.3 32.0 96.0#

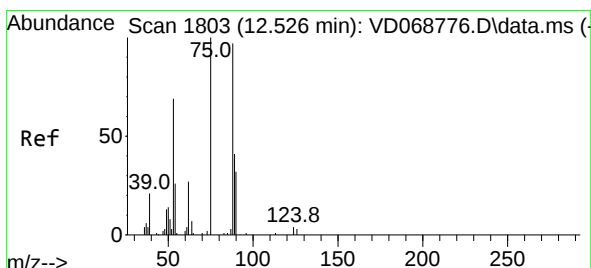
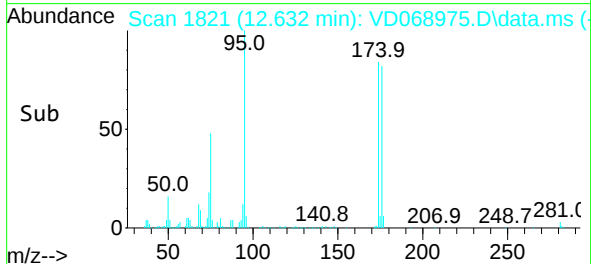
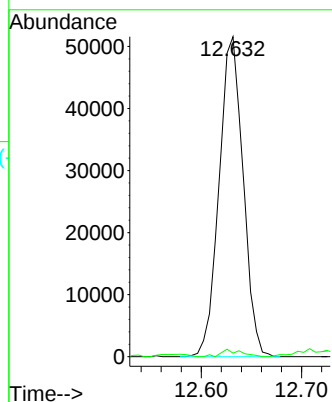
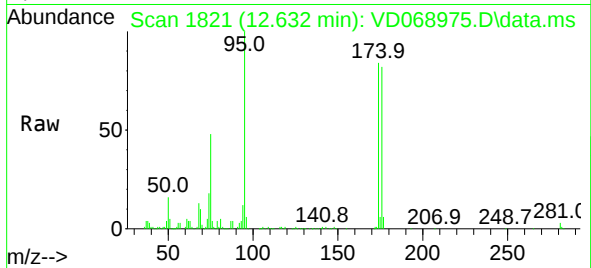




#76
1,2,3-Trichloropropane
Concen: 62.77 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.147 min
Lab File: VD068975.D
Acq: 23 Apr 2021 18:50

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 85868
Ion Ratio Lower Upper
75 100
77 1.9 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 145.68 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068975.D
Acq: 23 Apr 2021 18:50

Tgt Ion: 75 Resp: 85868
Ion Ratio Lower Upper
75 100
53 0.7 66.8 100.2#
89 0.0 36.6 54.8#

