

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042121\
 Data File : VD068928.D
 Acq On : 21 Apr 2021 15:49
 Operator : VA/SY
 Sample : M2106-06
 Misc : 5.04G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 22 10:21:26 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)

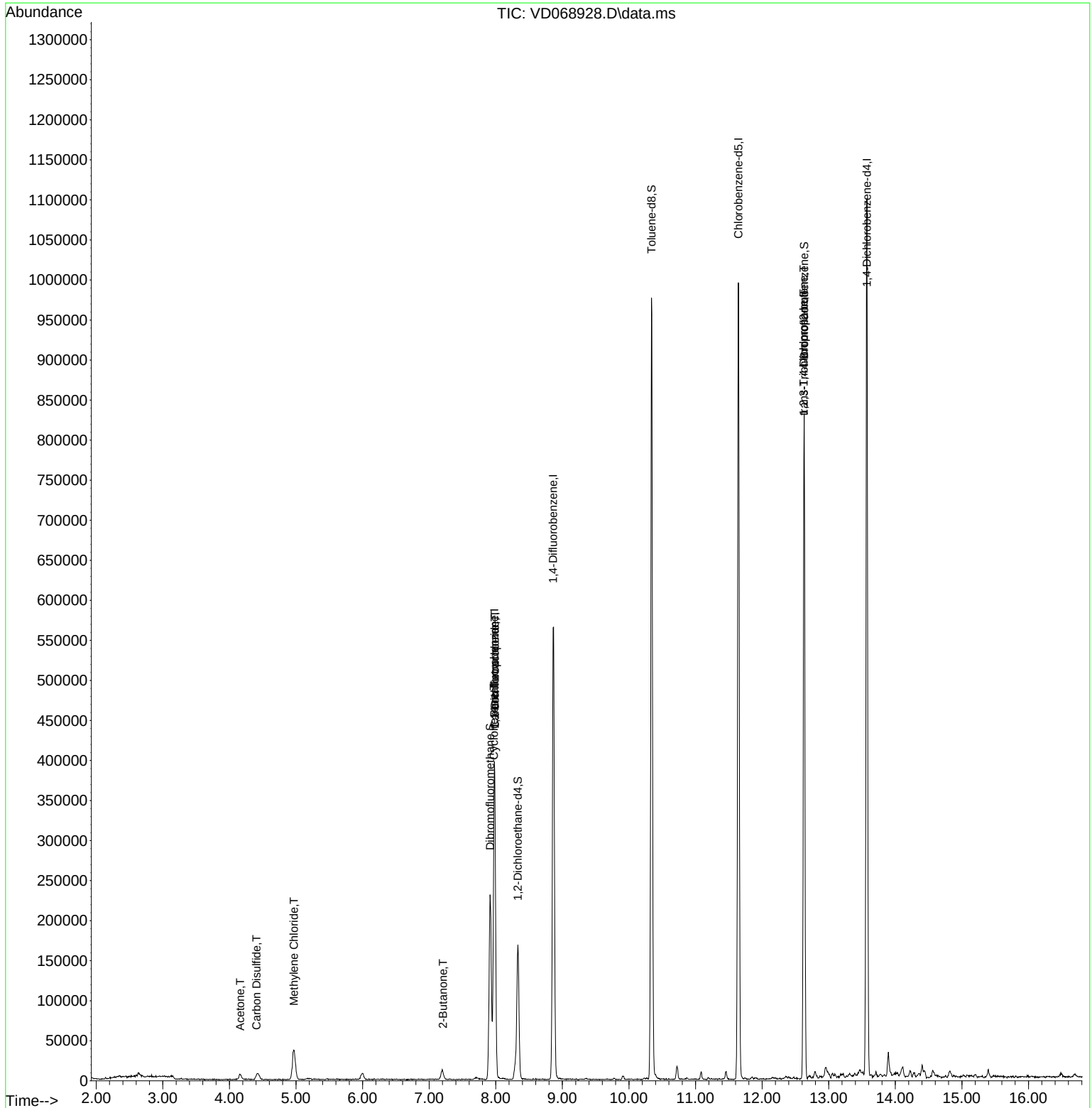
Internal Standards						
1) Pentafluorobenzene	7.979	168	312098	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	538662	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	607070	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	302455	50.00	ug/l	0.00

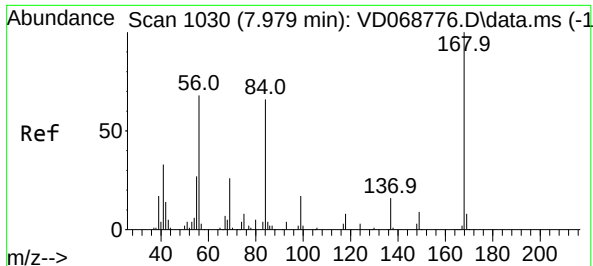
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	131588	39.89	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	79.78%
35) Dibromofluoromethane	7.914	113	165952	47.37	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.74%
50) Toluene-d8	10.338	98	684204	51.77	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.54%
62) 4-Bromofluorobenzene	12.632	95	262539	59.81	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	119.62%

Target Compounds					Qvalue
11) Tert butyl alcohol	5.220	59	462	Below Cal	# 73
16) Acetone	4.162	43	10872	23.80 ug/l	# 83
17) Carbon Disulfide	4.409	76	11529	1.14 ug/l	# 89
20) Methylene Chloride	4.967	84	33076	4.57 ug/l	# 93
25) 2-Butanone	7.208	43	1148	1.78 ug/l	# 39
31) Cyclohexane	7.973	56	7140	1.30 ug/l	# 58
36) 1,1-Dichloropropene	7.985	75	23832	4.37 ug/l	# 50
38) Carbon Tetrachloride	7.985	117	30053	5.57 ug/l	# 16
76) 1,2,3-Trichloropropane	12.626	75	130476	47.22 ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.626	75	130476	109.59 ug/l	# 16

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

Quant Time: Apr 22 10:21:26 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

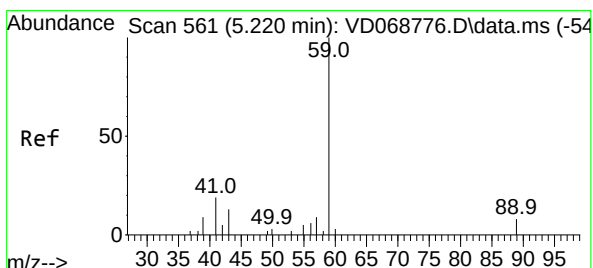
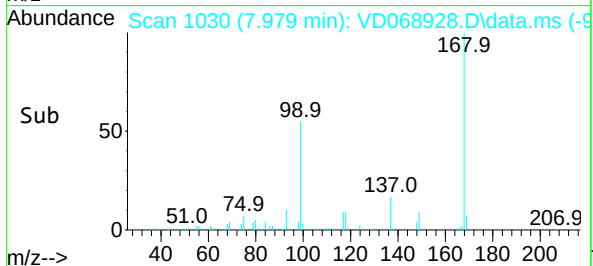
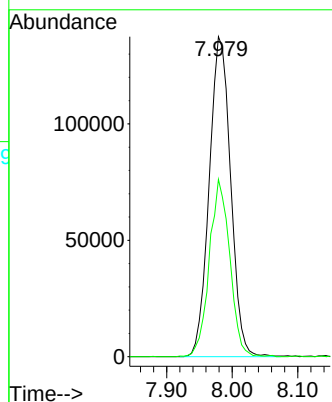
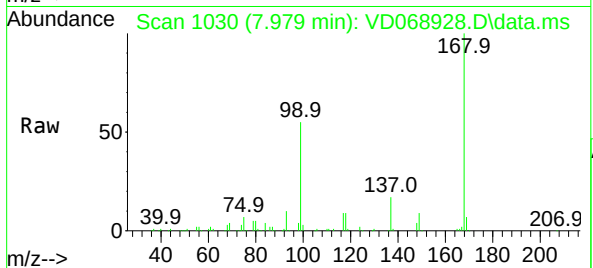




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD068928.D
Acq: 21 Apr 2021 15:49

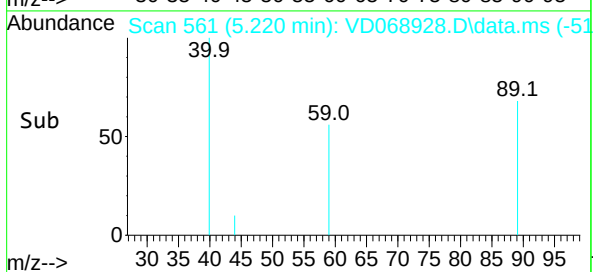
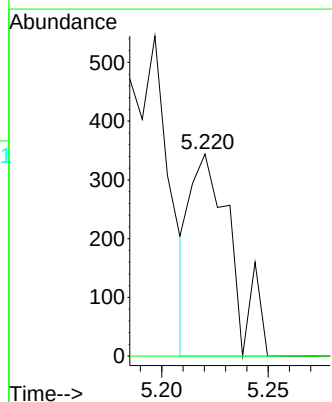
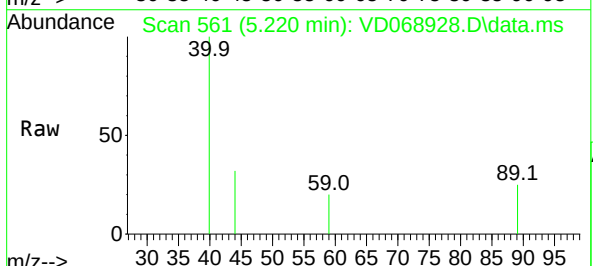
Instrument :
MSVOA_D
ClientSampleId :

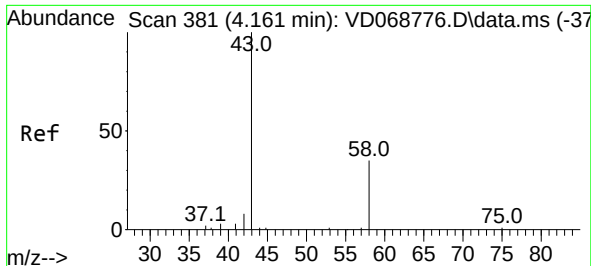
Tgt Ion:168 Resp: 312098
Ion Ratio Lower Upper
168 100
99 55.4 46.2 69.2



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.220 min Scan# 561
Delta R.T. 0.000 min
Lab File: VD068928.D
Acq: 21 Apr 2021 15:49

Tgt Ion: 59 Resp: 462
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

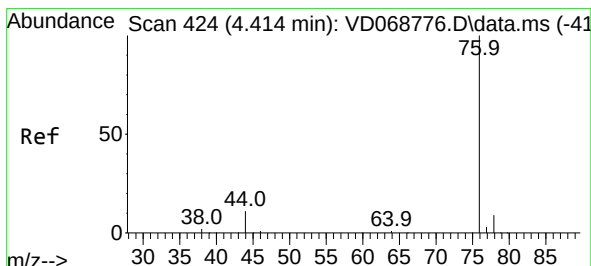
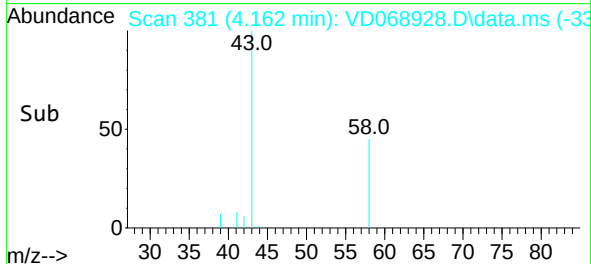
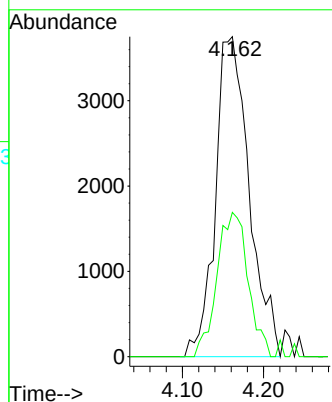
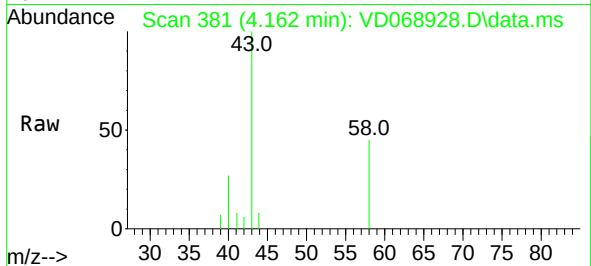




#16
Acetone
Concen: 23.80 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.001 min
Lab File: VD068928.D
Acq: 21 Apr 2021 15:49

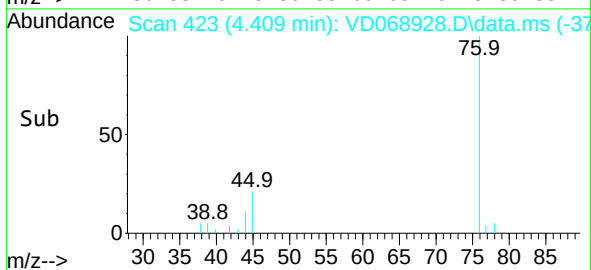
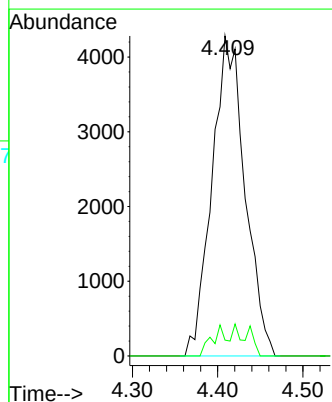
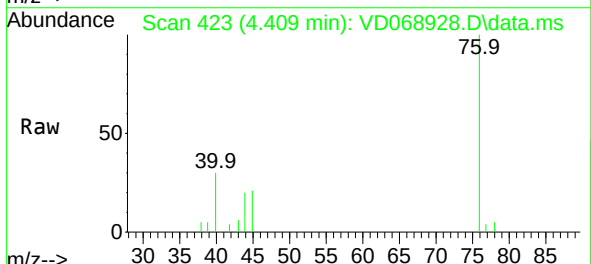
Instrument :
MSVOA_D
ClientSampleId :

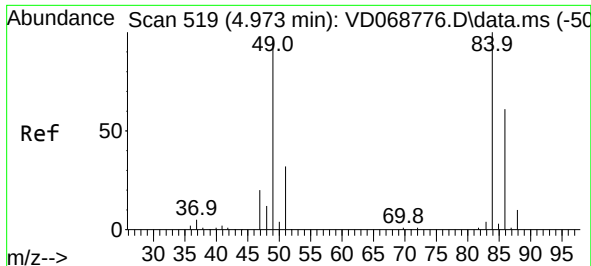
Tgt Ion: 43 Resp: 10872
Ion Ratio Lower Upper
43 100
58 45.1 28.0 42.0#



#17
Carbon Disulfide
Concen: 1.14 ug/l
RT: 4.409 min Scan# 423
Delta R.T. -0.005 min
Lab File: VD068928.D
Acq: 21 Apr 2021 15:49

Tgt Ion: 76 Resp: 11529
Ion Ratio Lower Upper
76 100
78 5.0 7.3 10.9#





#20

Methylene Chloride

Concen: 4.57 ug/l

RT: 4.967 min Scan# 518

Delta R.T. -0.006 min

Lab File: VD068928.D

Acq: 21 Apr 2021 15:49

Tgt Ion: 84 Resp: 33076

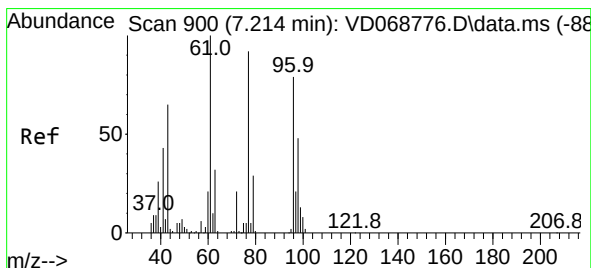
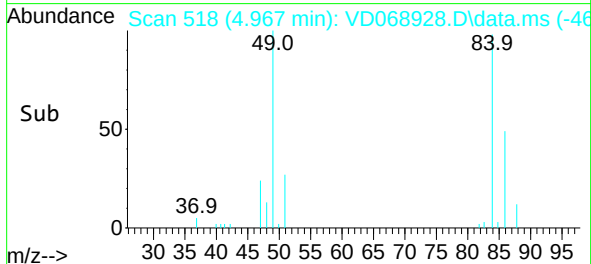
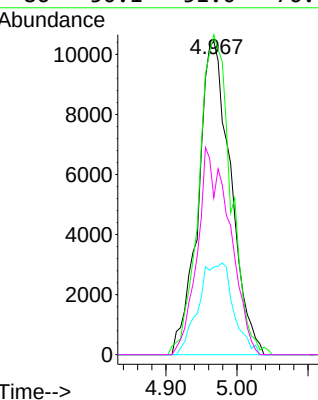
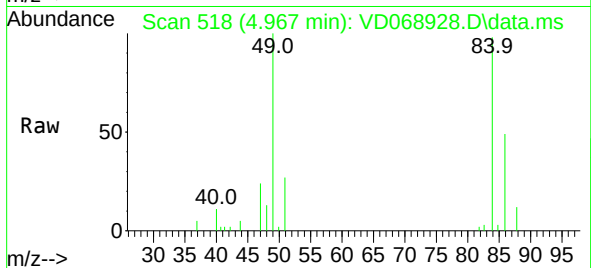
Ion Ratio Lower Upper

84 100

49 102.1 83.4 125.0

51 28.0 23.4 35.2

86 50.1 51.0 76.4#



#25

2-Butanone

Concen: 1.78 ug/l

RT: 7.208 min Scan# 899

Delta R.T. -0.006 min

Lab File: VD068928.D

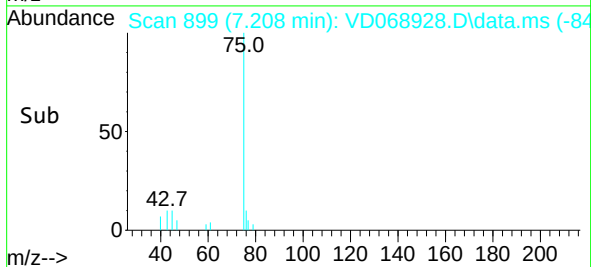
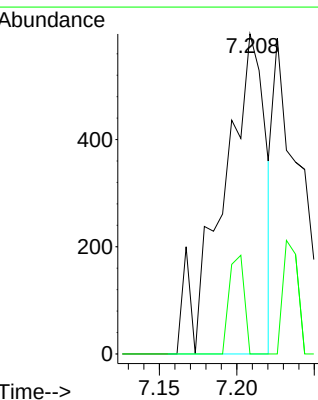
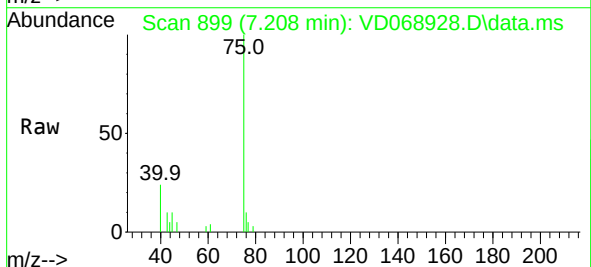
Acq: 21 Apr 2021 15:49

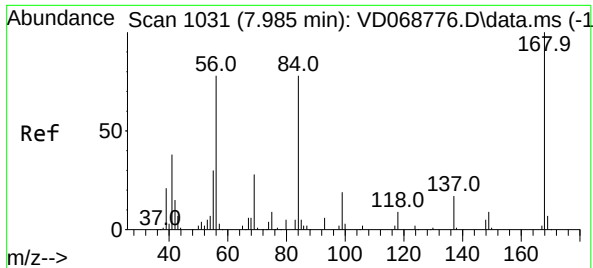
Tgt Ion: 43 Resp: 1148

Ion Ratio Lower Upper

43 100

72 0.0 28.6 43.0#

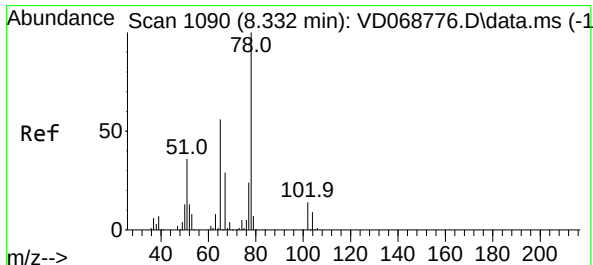
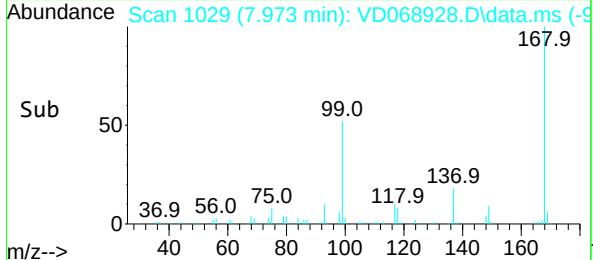
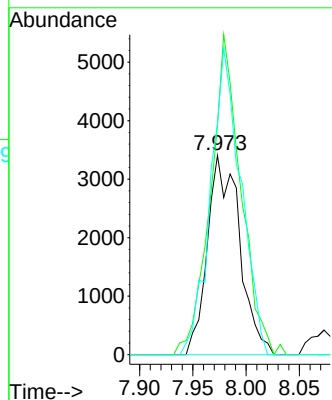
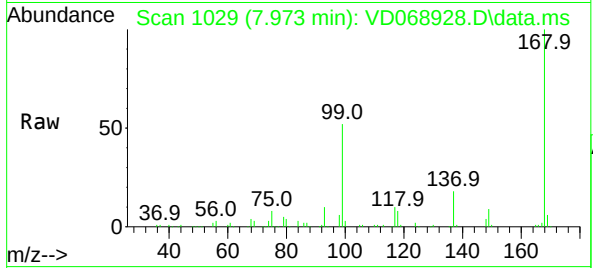




#31
Cyclohexane
Concen: 1.30 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD068928.D
Acq: 21 Apr 2021 15:49

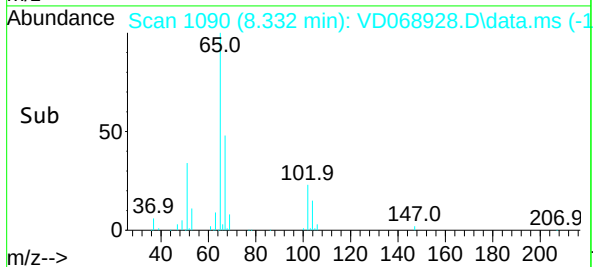
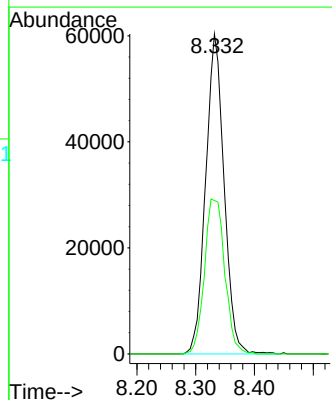
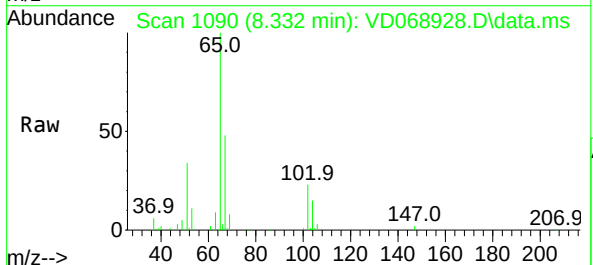
Instrument :
MSVOA_D
ClientSampled :

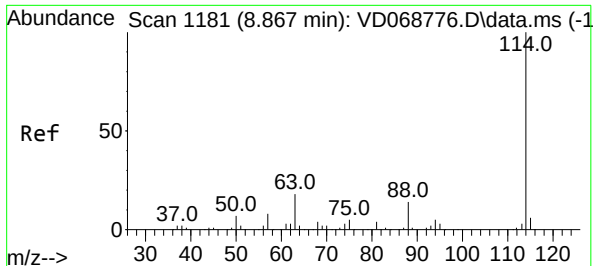
Tgt Ion: 56 Resp: 7140
Ion Ratio Lower Upper
56 100
69 109.9 30.0 45.0#
84 115.9 82.0 123.0



#33
1,2-Dichloroethane-d4
Concen: 39.89 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068928.D
Acq: 21 Apr 2021 15:49

Tgt Ion: 65 Resp: 131588
Ion Ratio Lower Upper
65 100
67 53.4 0.0 106.0

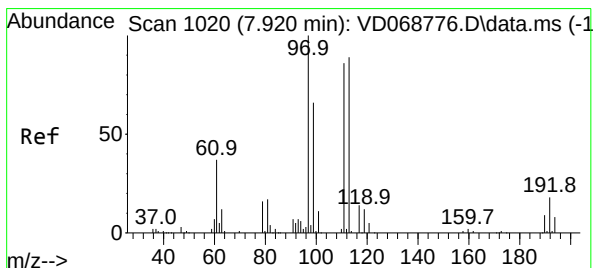
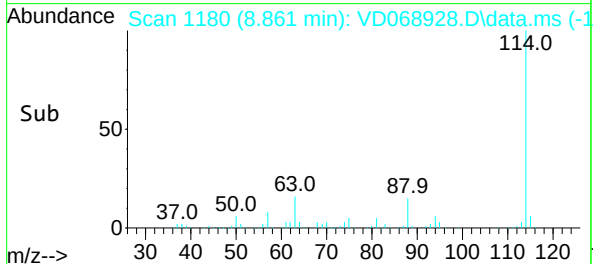
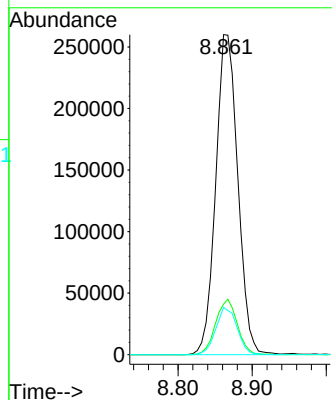
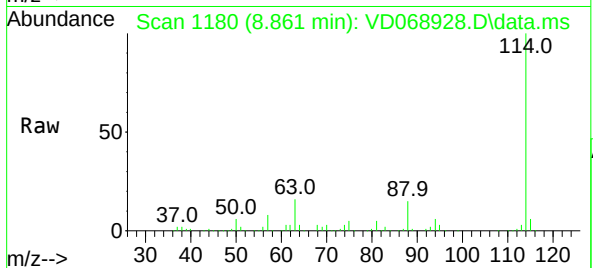




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD068928.D
Acq: 21 Apr 2021 15:49

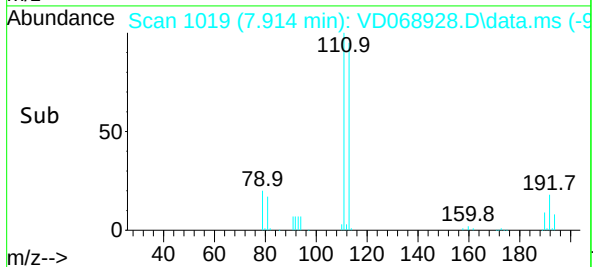
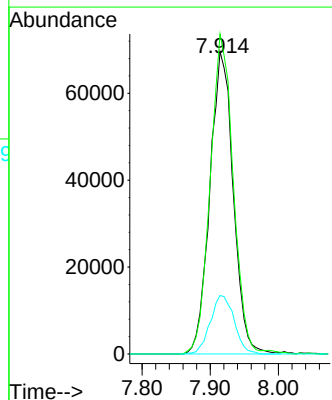
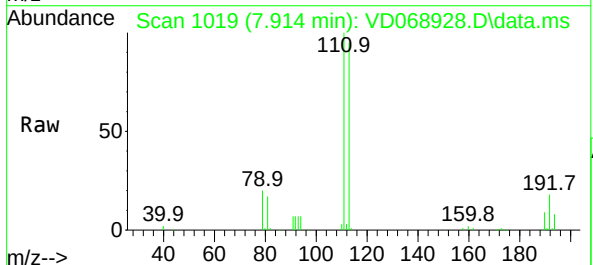
Instrument :
MSVOA_D
ClientSampled :

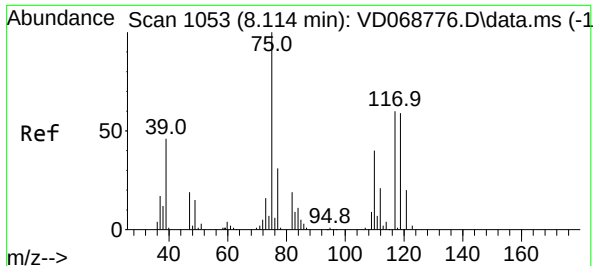
Tgt Ion:114 Resp: 538662
Ion Ratio Lower Upper
114 100
63 15.8 0.0 38.2
88 14.8 0.0 29.4



#35
Dibromofluoromethane
Concen: 47.37 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068928.D
Acq: 21 Apr 2021 15:49

Tgt Ion:113 Resp: 165952
Ion Ratio Lower Upper
113 100
111 104.7 82.5 123.7
192 19.7 15.1 22.7

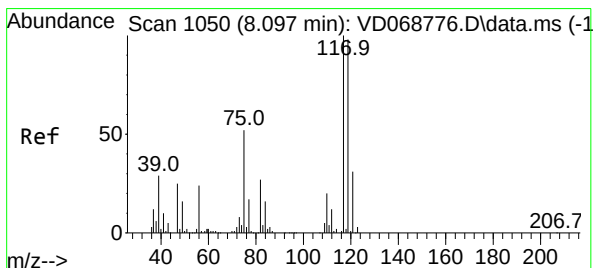
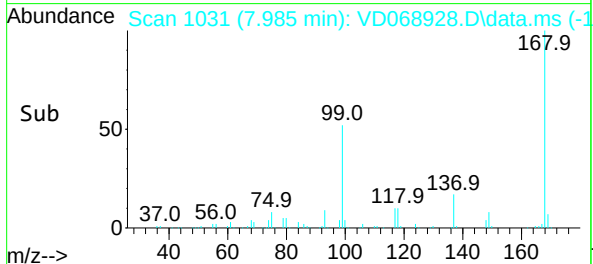
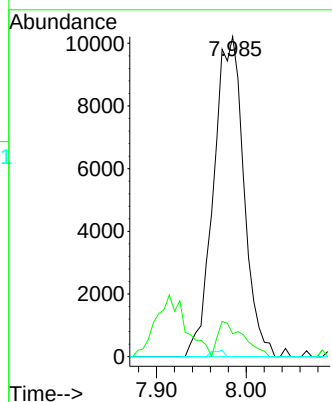
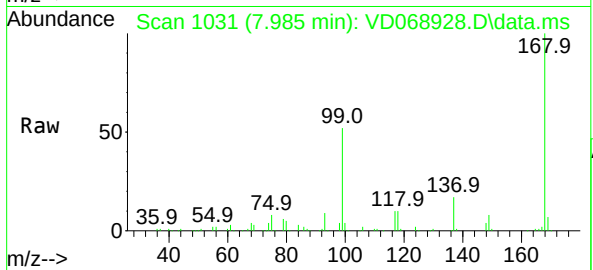




#36
1,1-Dichloropropene
Concen: 4.37 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.129 min
Lab File: VD068928.D
Acq: 21 Apr 2021 15:49

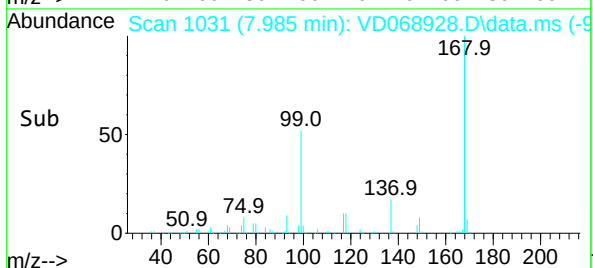
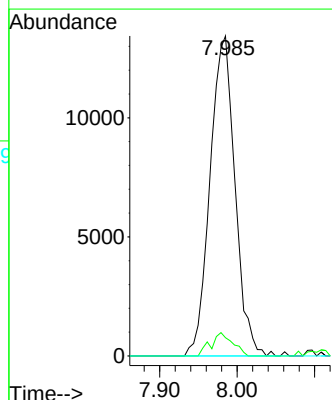
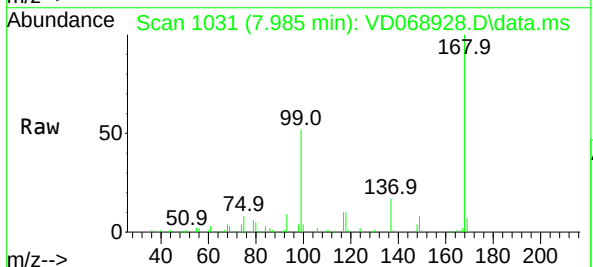
Instrument :
MSVOA_D
ClientSampled :

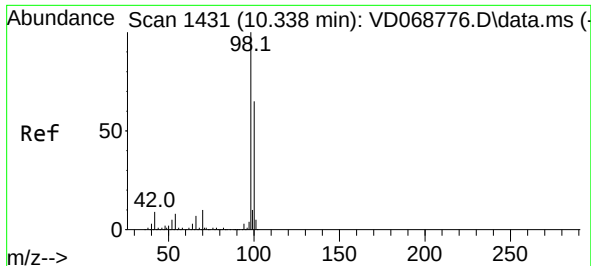
Tgt Ion: 75 Resp: 23832
Ion Ratio Lower Upper
75 100
110 9.3 18.1 54.4#
77 0.8 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.57 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.112 min
Lab File: VD068928.D
Acq: 21 Apr 2021 15:49

Tgt Ion: 117 Resp: 30053
Ion Ratio Lower Upper
117 100
119 5.7 76.6 115.0#
121 0.0 26.1 39.1#

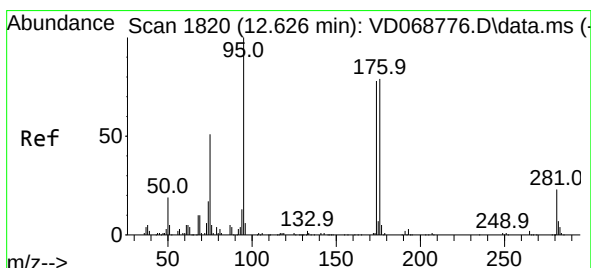
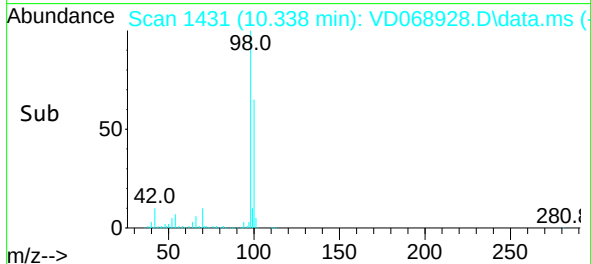
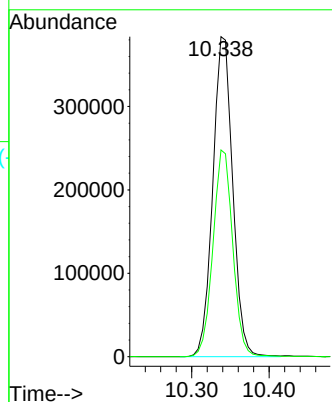
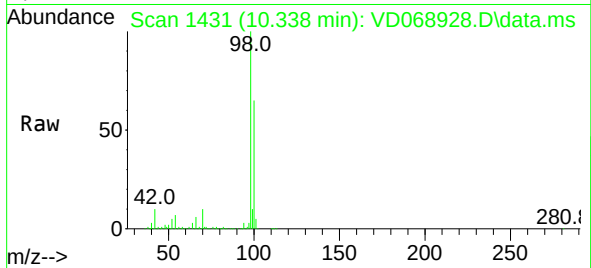




#50
Toluene-d8
Concen: 51.77 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD068928.D
Acq: 21 Apr 2021 15:49

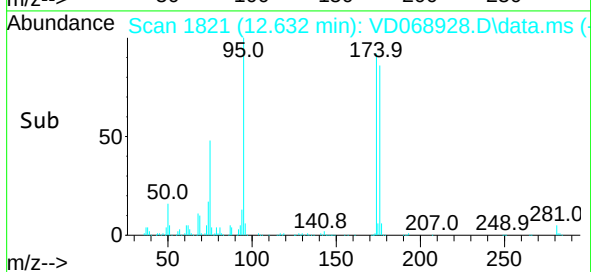
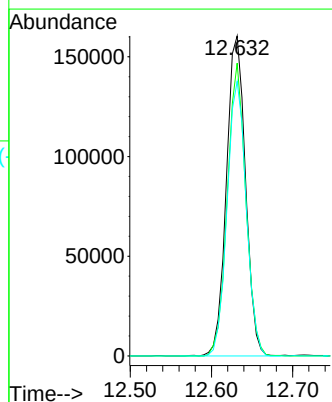
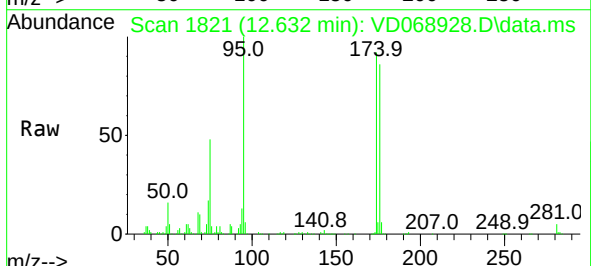
Instrument :
MSVOA_D
ClientSampleId :

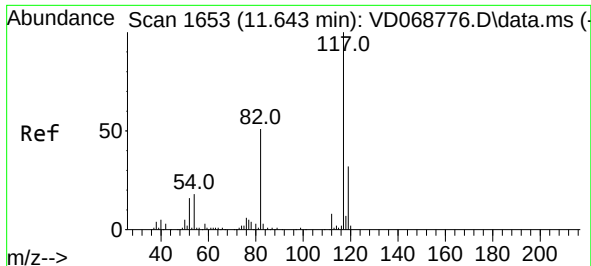
Tgt Ion: 98 Resp: 684204
Ion Ratio Lower Upper
98 100
100 64.4 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 59.81 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD068928.D
Acq: 21 Apr 2021 15:49

Tgt Ion: 95 Resp: 262539
Ion Ratio Lower Upper
95 100
174 88.5 0.0 168.0
176 85.5 0.0 160.2

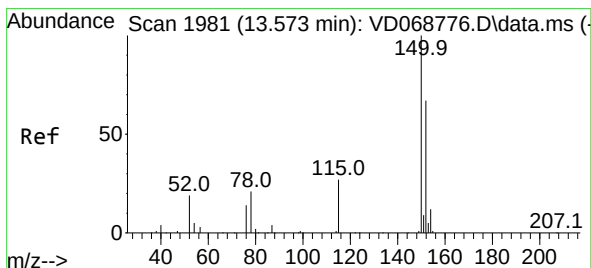
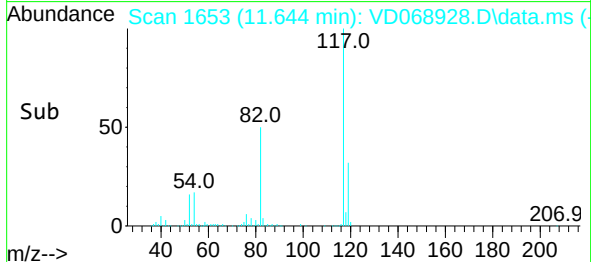
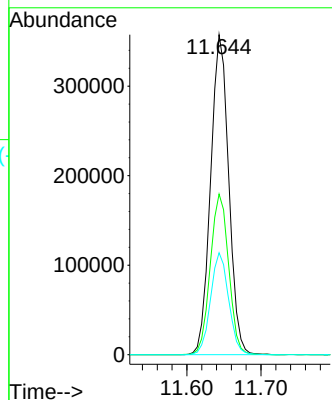
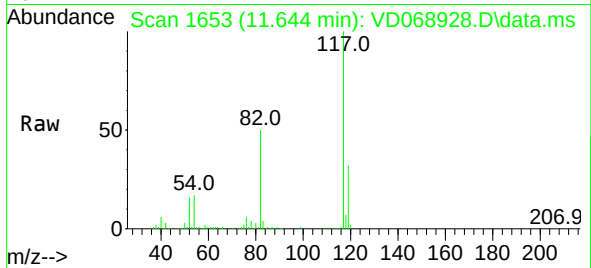




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068928.D
Acq: 21 Apr 2021 15:49

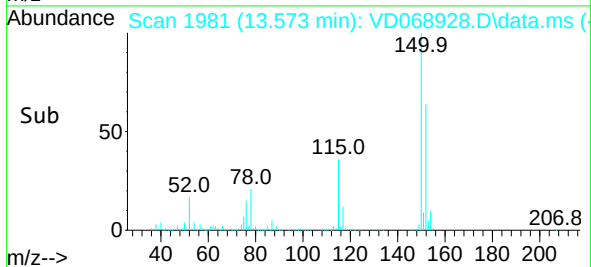
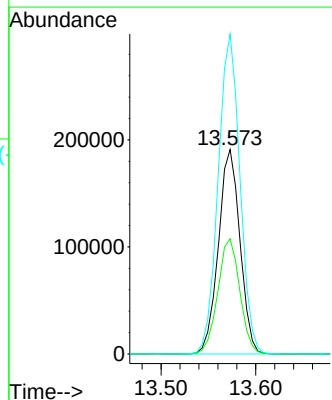
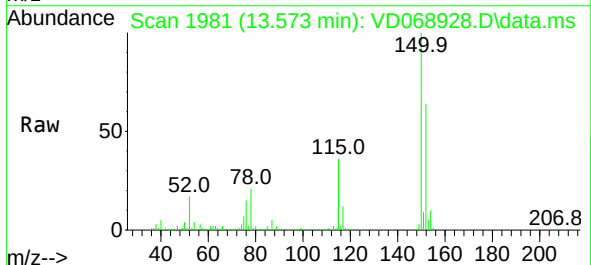
Instrument :
MSVOA_D
ClientSampleId :

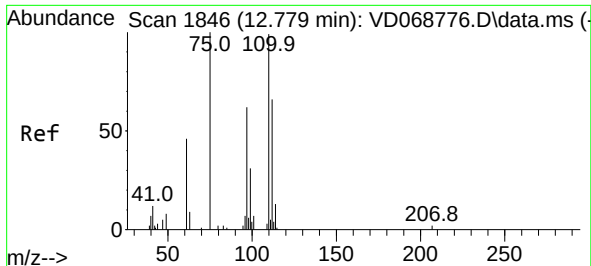
Tgt Ion:117 Resp: 607070
Ion Ratio Lower Upper
117 100
82 50.2 43.5 65.3
119 31.8 26.7 40.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068928.D
Acq: 21 Apr 2021 15:49

Tgt Ion:152 Resp: 302455
Ion Ratio Lower Upper
152 100
115 57.4 29.3 87.8
150 157.9 0.0 347.6

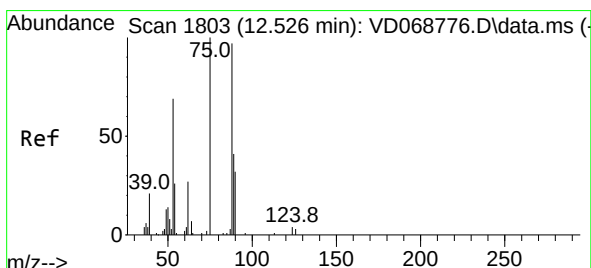
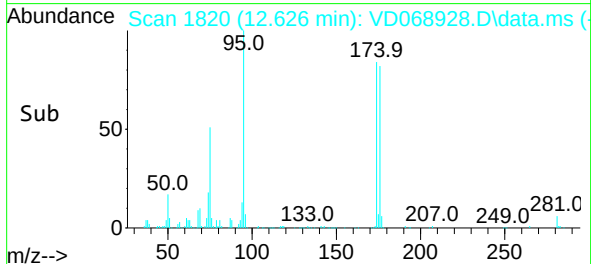
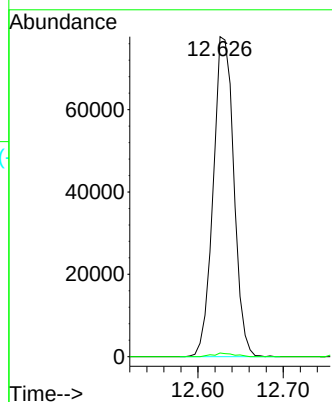
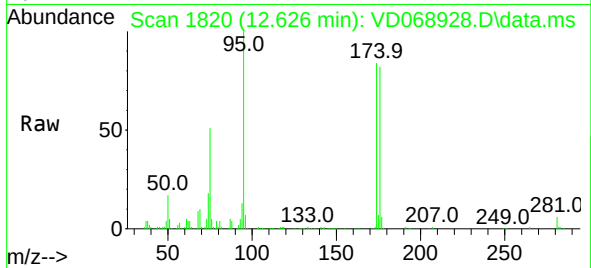




#76
1,2,3-Trichloropropane
Concen: 47.22 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.153 min
Lab File: VD068928.D
Acq: 21 Apr 2021 15:49

Instrument :
MSVOA_D
ClientSampled :

Tgt Ion: 75 Resp: 130476
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 109.59 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.100 min
Lab File: VD068928.D
Acq: 21 Apr 2021 15:49

Tgt Ion: 75 Resp: 130476
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 36.6 54.8#

