

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042221\
 Data File : VD068948.D
 Acq On : 22 Apr 2021 13:02
 Operator : VA/SY
 Sample : M2106-18RE
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 23 08:44:56 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	7.985	168	284440	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	493726	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	578333	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	293379	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	126019	41.92	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	83.84%
35) Dibromofluoromethane	7.920	113	152427	47.46	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.92%
50) Toluene-d8	10.338	98	631093	52.09	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.18%
62) 4-Bromofluorobenzene	12.632	95	248436	61.75	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	123.50%

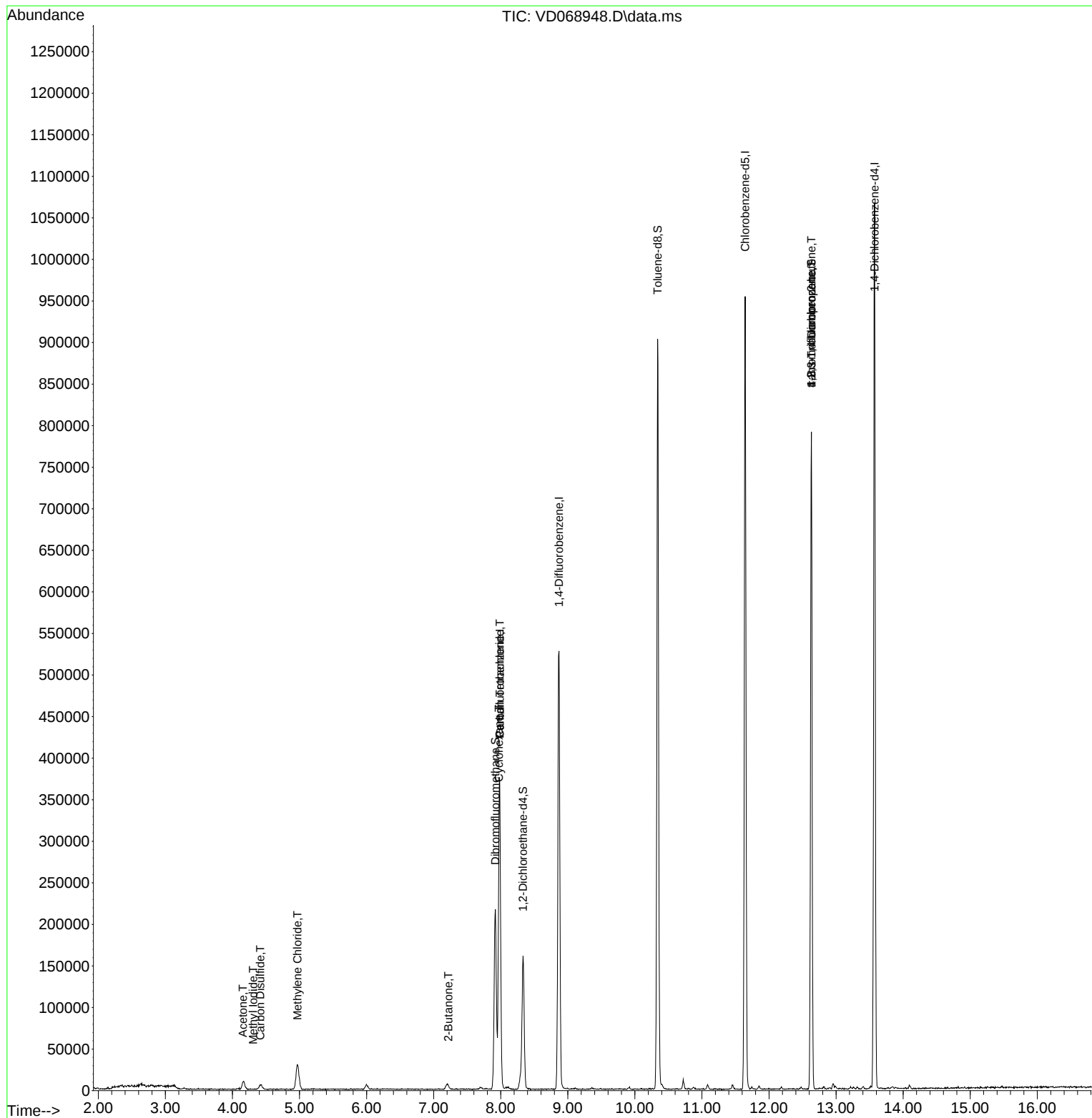
Target Compounds						Qvalue
10) Methyl Iodide	4.309	142	208	2.30	ug/l #	88
11) Tert butyl alcohol	5.215	59	341	Below Cal	#	73
16) Acetone	4.156	43	17656	42.41	ug/l #	87
17) Carbon Disulfide	4.415	76	10086	1.09	ug/l #	87
20) Methylene Chloride	4.968	84	25581	3.07	ug/l #	94
25) 2-Butanone	7.220	43	1813	3.08	ug/l	93
31) Cyclohexane	7.973	56	6251	1.25	ug/l #	43
38) Carbon Tetrachloride	7.985	117	29372	5.94	ug/l #	16
76) 1,2,3-Trichloropropane	12.632	75	123499	46.08	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	123499	106.93	ug/l #	16

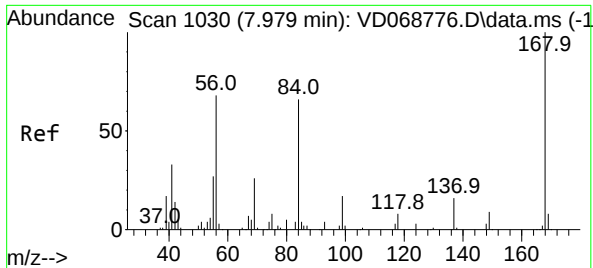
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042221\
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Operator : VA/SY
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Misc : 5.05G/5.00ml/MSVOA_D/SOIL
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Quant Time: Apr 23 08:44:56 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

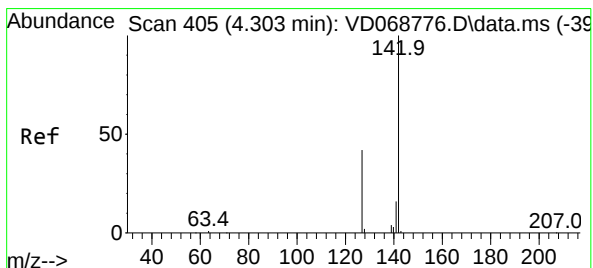
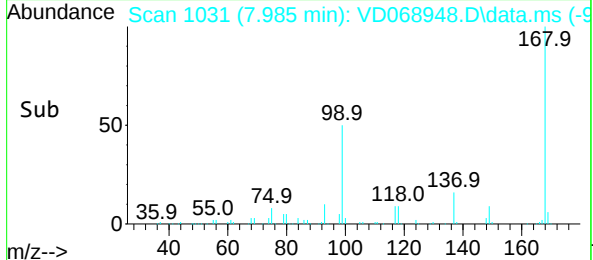
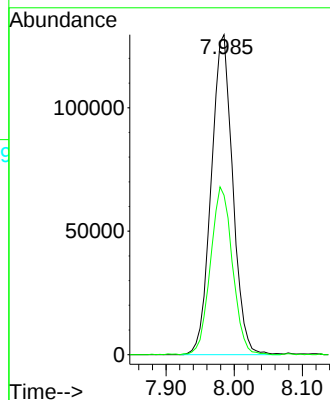
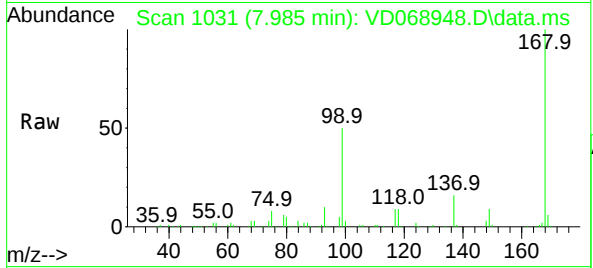




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VD068948.D
Acq: 22 Apr 2021 13:02

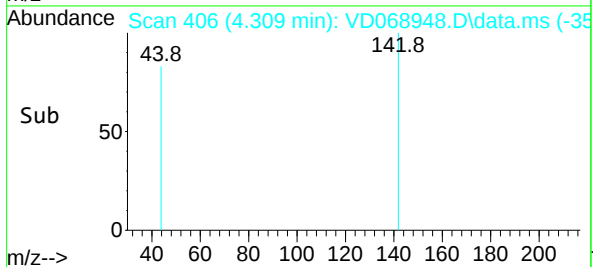
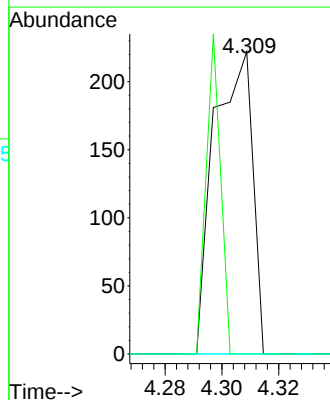
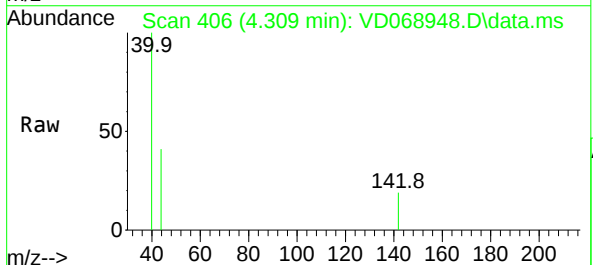
Instrument :
MSVOA_D
ClientSampled :

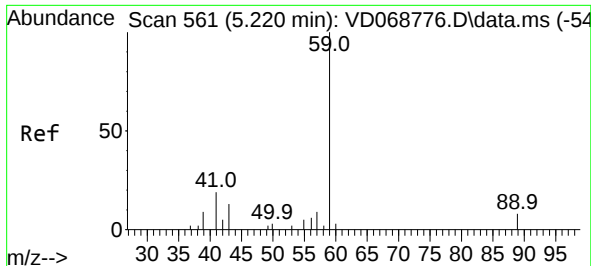
Tgt Ion:168 Resp: 284440
Ion Ratio Lower Upper
168 100
99 49.8 46.2 69.2



#10
Methyl Iodide
Concen: 2.30 ug/l
RT: 4.309 min Scan# 406
Delta R.T. 0.006 min
Lab File: VD068948.D
Acq: 22 Apr 2021 13:02

Tgt Ion:142 Resp: 208
Ion Ratio Lower Upper
142 100
127 39.9 34.7 52.1
141 0.0 11.0 16.4#

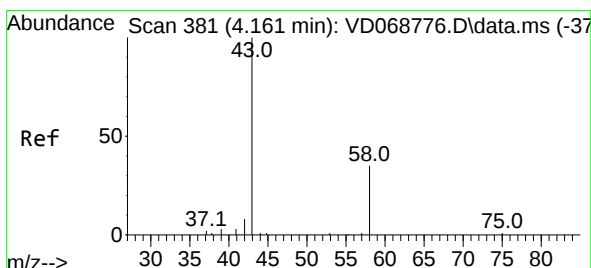
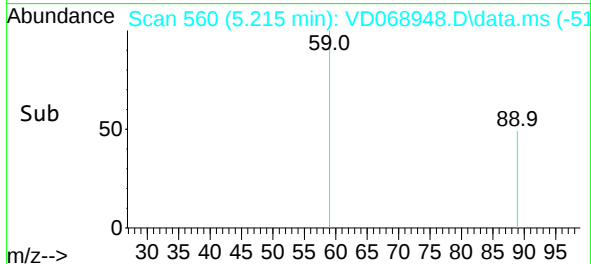
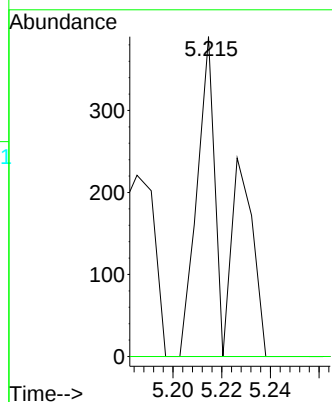
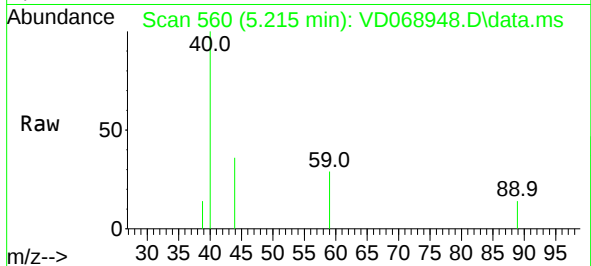




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.215 min Scan# 560
Delta R.T. -0.005 min
Lab File: VD068948.D
Acq: 22 Apr 2021 13:02

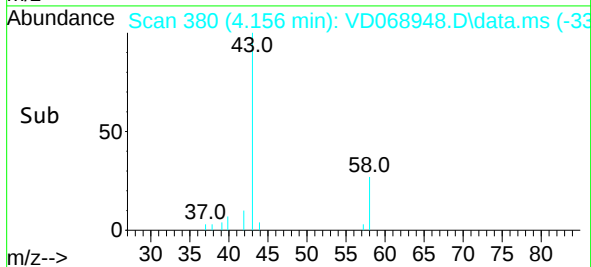
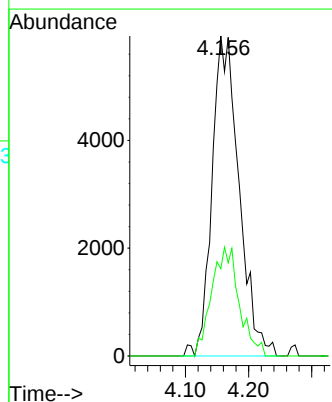
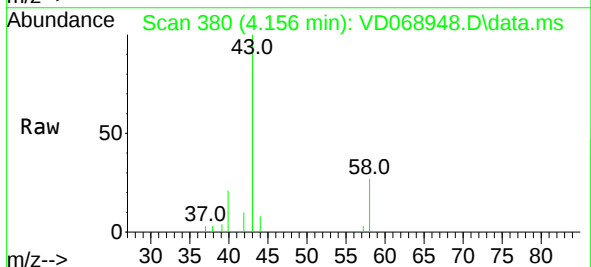
Instrument :
MSVOA_D
ClientSampled :

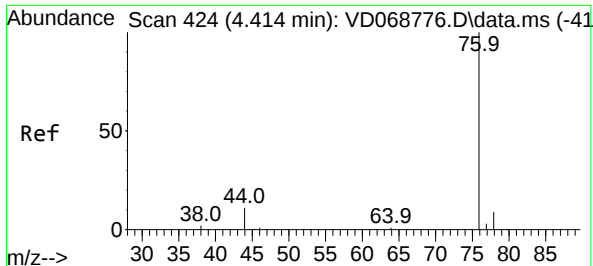
Tgt Ion: 59 Resp: 341
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#16
Acetone
Concen: 42.41 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.005 min
Lab File: VD068948.D
Acq: 22 Apr 2021 13:02

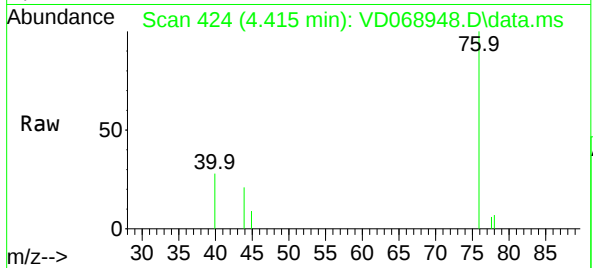
Tgt Ion: 43 Resp: 17656
Ion Ratio Lower Upper
43 100
58 27.2 28.0 42.0#



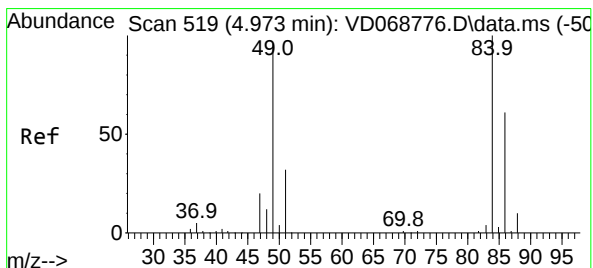
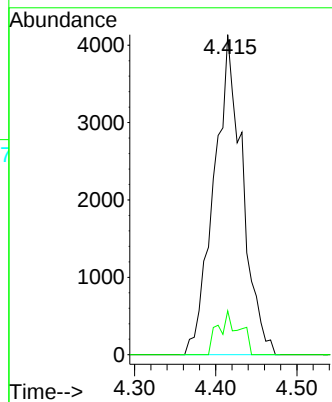
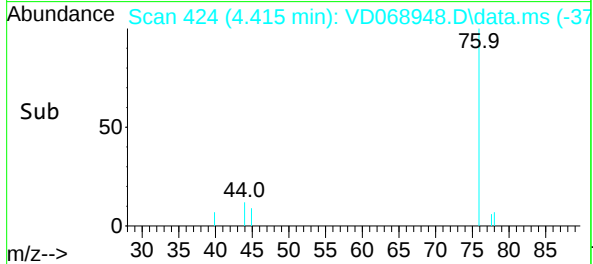


#17
Carbon Disulfide
Concen: 1.09 ug/l
RT: 4.415 min Scan# 424
Delta R.T. 0.001 min
Lab File: VD068948.D
Acq: 22 Apr 2021 13:02

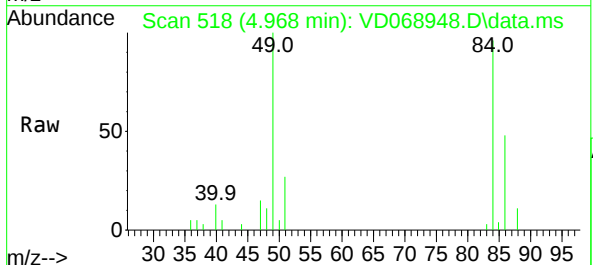
Instrument :
MSVOA_D
ClientSampled :



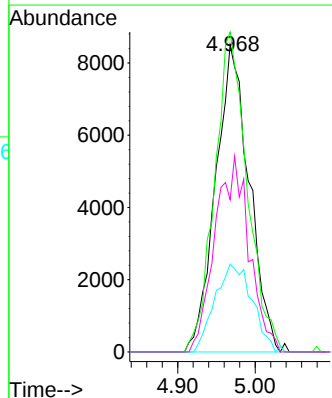
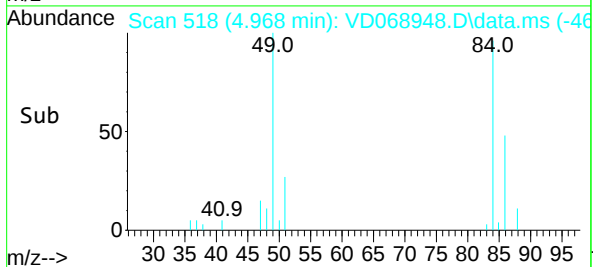
Tgt Ion: 76 Resp: 10086
Ion Ratio Lower Upper
76 100
78 13.7 7.3 10.9#

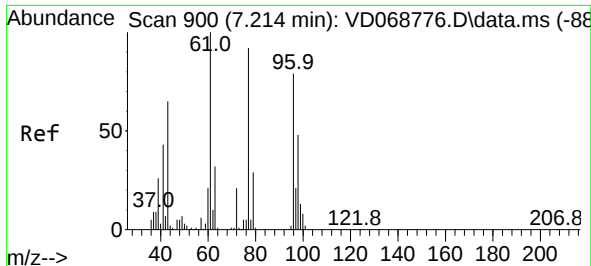


#20
Methylene Chloride
Concen: 3.07 ug/l
RT: 4.968 min Scan# 518
Delta R.T. -0.005 min
Lab File: VD068948.D
Acq: 22 Apr 2021 13:02



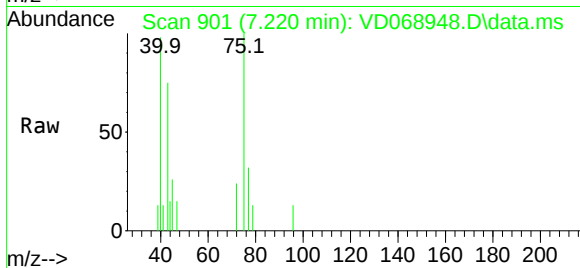
Tgt Ion: 84 Resp: 25581
Ion Ratio Lower Upper
84 100
49 104.2 83.4 125.0
51 28.6 23.4 35.2
86 49.6 51.0 76.4#



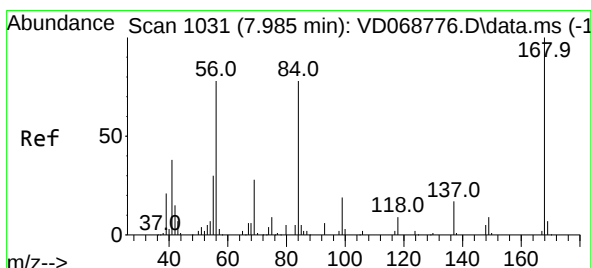
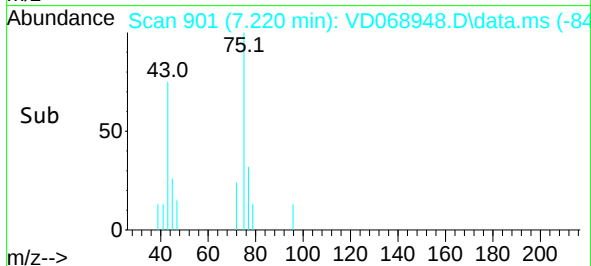
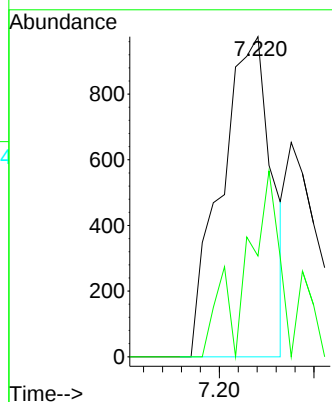


#25
2-Butanone
Concen: 3.08 ug/l
RT: 7.220 min Scan# 901
Delta R.T. 0.006 min
Lab File: VD068948.D
Acq: 22 Apr 2021 13:02

Instrument :
MSVOA_D
ClientSampled :

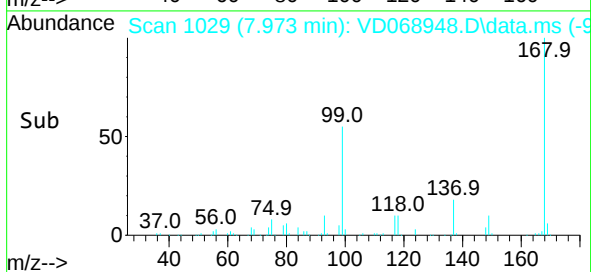
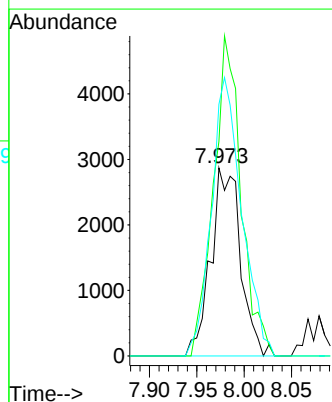
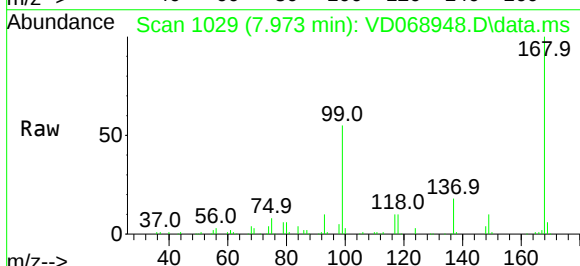


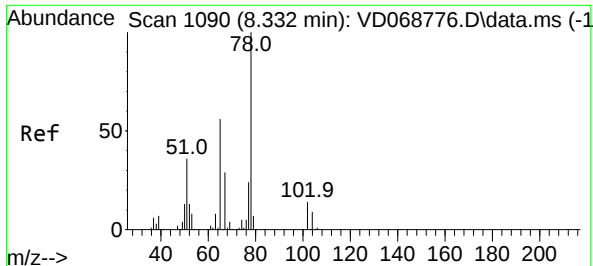
Tgt Ion: 43 Resp: 1813
Ion Ratio Lower Upper
43 100
72 31.5 28.6 43.0



#31
Cyclohexane
Concen: 1.25 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD068948.D
Acq: 22 Apr 2021 13:02

Tgt Ion: 56 Resp: 6251
Ion Ratio Lower Upper
56 100
69 114.0 30.0 45.0#
84 133.9 82.0 123.0#

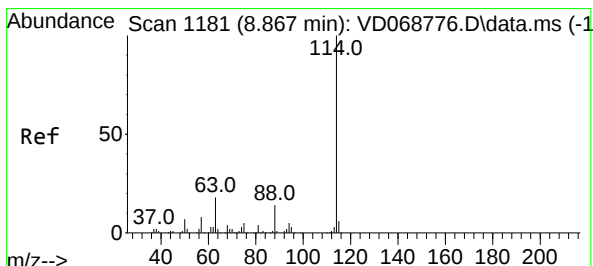
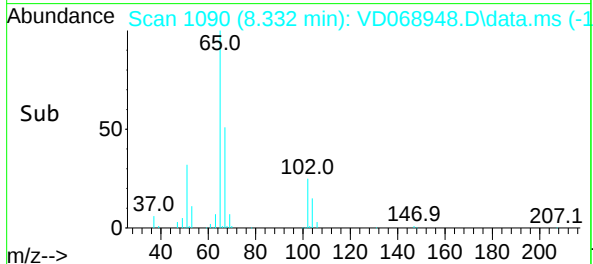
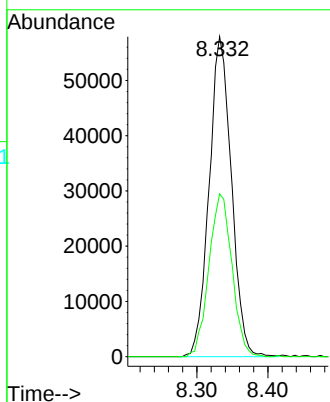
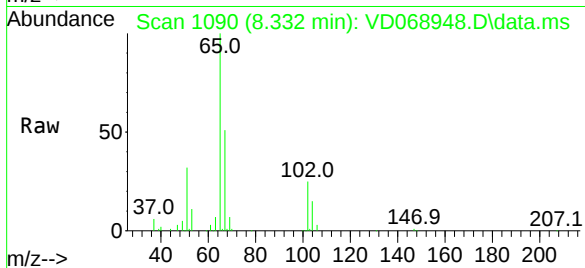




#33
1,2-Dichloroethane-d4
Concen: 41.92 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068948.D
Acq: 22 Apr 2021 13:02

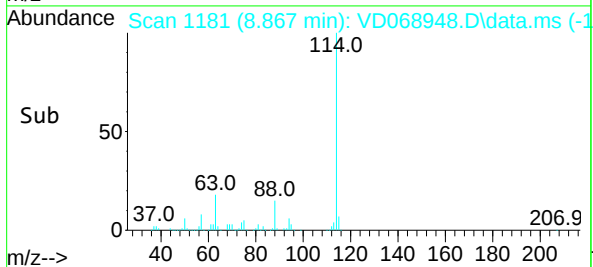
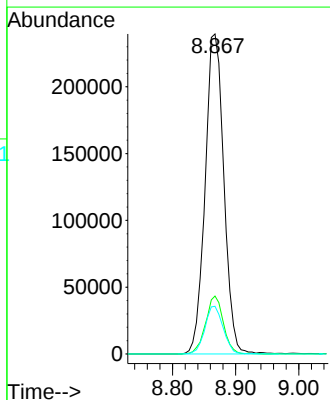
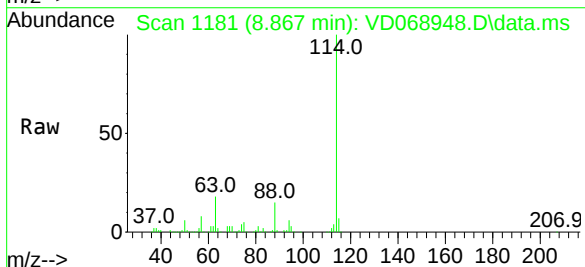
Instrument :
MSVOA_D
ClientSampled :

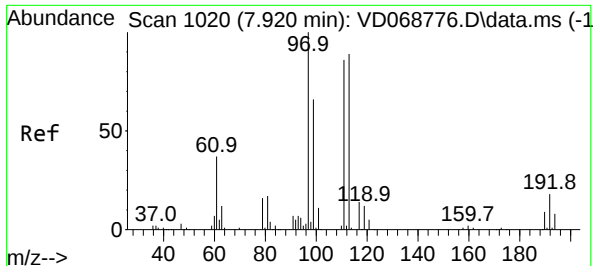
Tgt Ion: 65 Resp: 126019
Ion Ratio Lower Upper
65 100
67 52.6 0.0 106.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068948.D
Acq: 22 Apr 2021 13:02

Tgt Ion: 114 Resp: 493726
Ion Ratio Lower Upper
114 100
63 18.1 0.0 38.2
88 14.9 0.0 29.4





#35

Dibromofluoromethane

Concen: 47.46 ug/l

RT: 7.920 min Scan# 1020

Delta R.T. 0.000 min

Lab File: VD068948.D

Acq: 22 Apr 2021 13:02

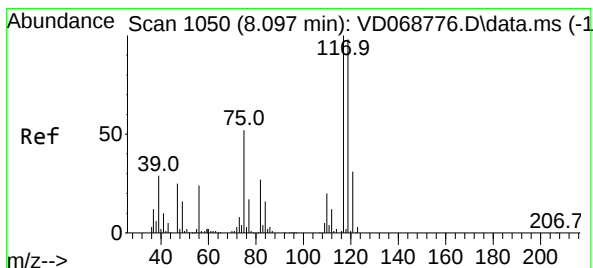
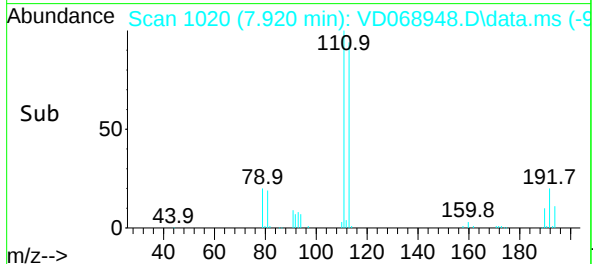
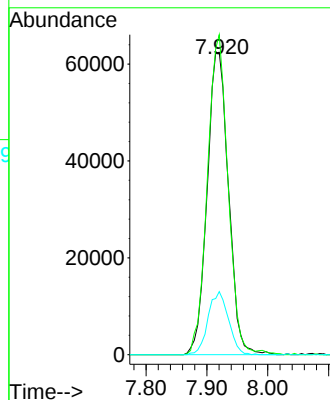
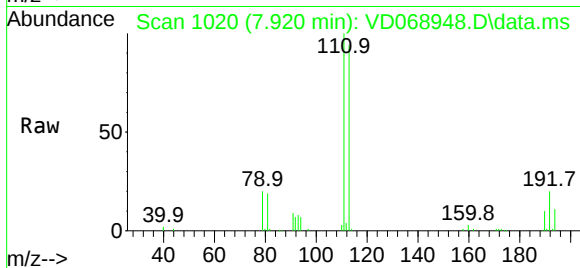
Tgt Ion:113 Resp: 152427

Ion Ratio Lower Upper

113 100

111 101.6 82.5 123.7

192 19.9 15.1 22.7



#38

Carbon Tetrachloride

Concen: 5.94 ug/l

RT: 7.985 min Scan# 1031

Delta R.T. -0.112 min

Lab File: VD068948.D

Acq: 22 Apr 2021 13:02

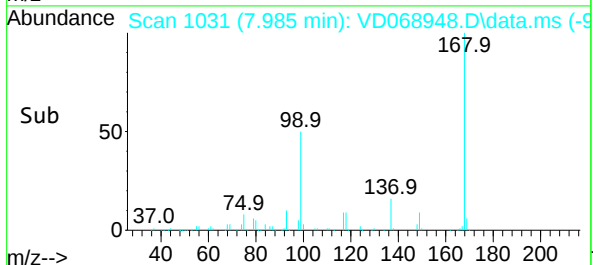
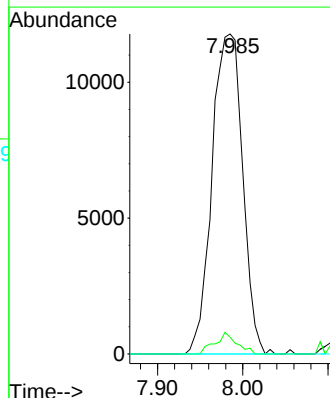
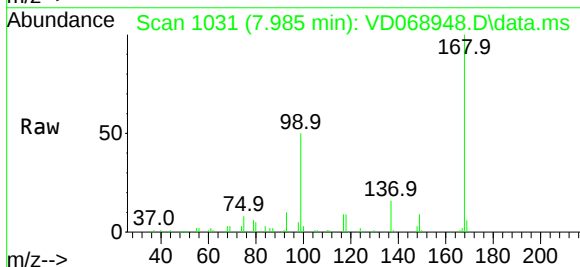
Tgt Ion:117 Resp: 29372

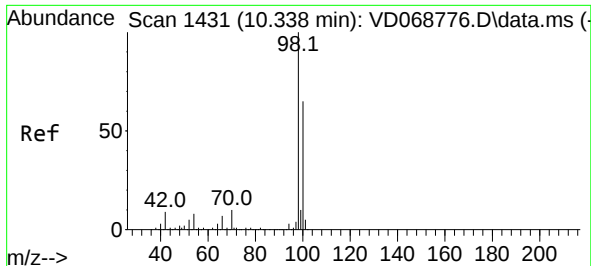
Ion Ratio Lower Upper

117 100

119 5.2 76.6 115.0#

121 0.0 26.1 39.1#

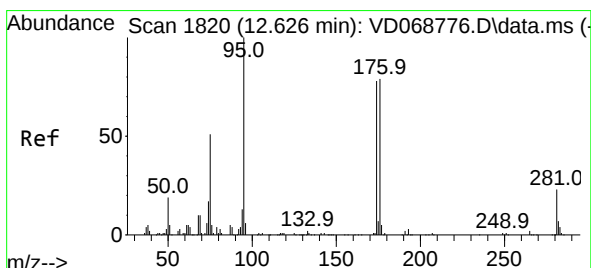
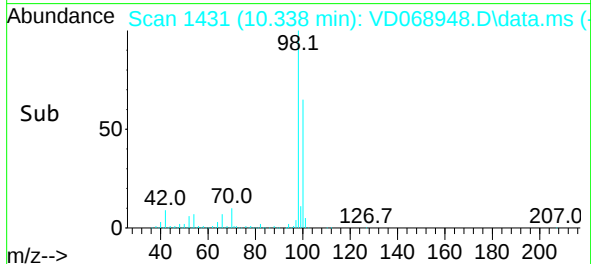
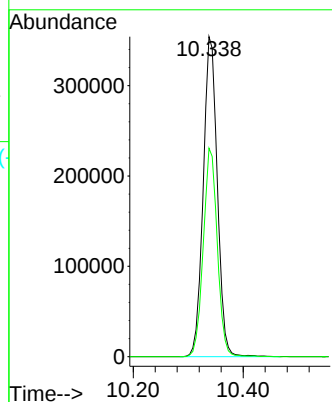
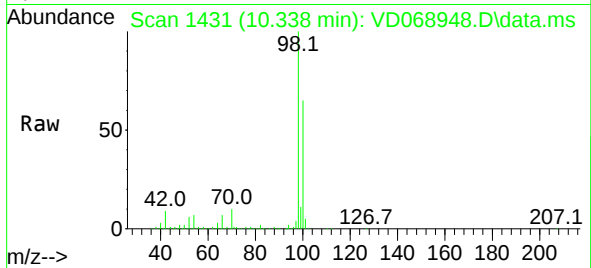




#50
Toluene-d8
Concen: 52.09 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD068948.D
Acq: 22 Apr 2021 13:02

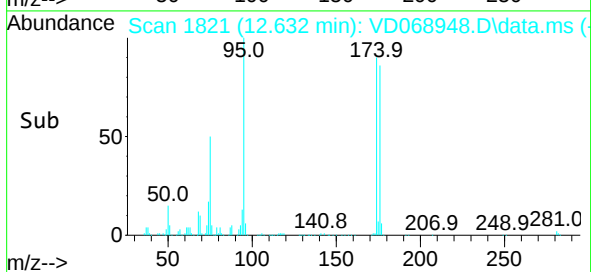
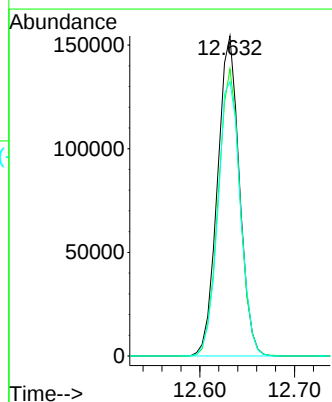
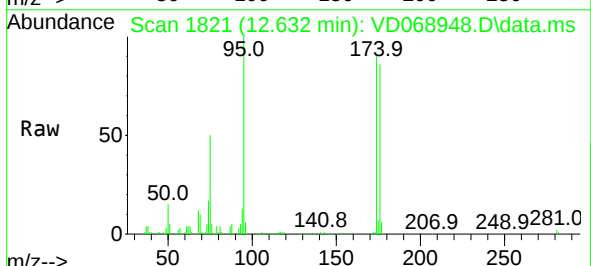
Instrument :
MSVOA_D
ClientSampleId :

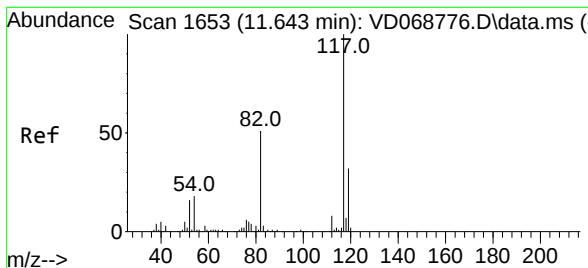
Tgt Ion: 98 Resp: 631093
Ion Ratio Lower Upper
98 100
100 64.8 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 61.75 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD068948.D
Acq: 22 Apr 2021 13:02

Tgt Ion: 95 Resp: 248436
Ion Ratio Lower Upper
95 100
174 89.3 0.0 168.0
176 88.1 0.0 160.2

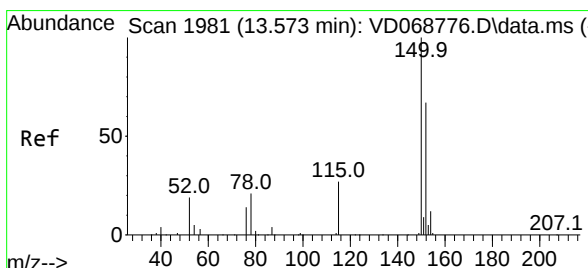
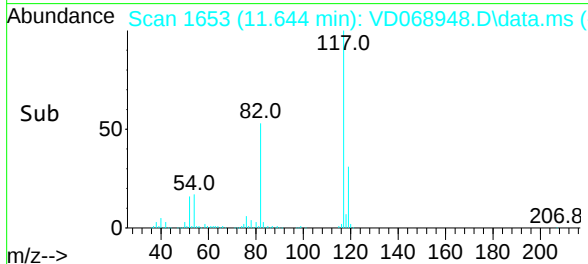
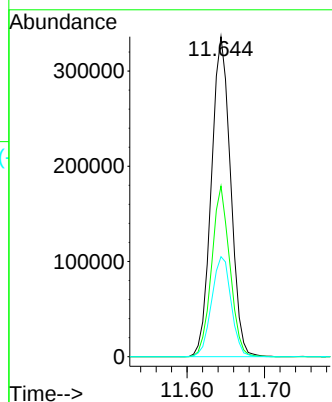
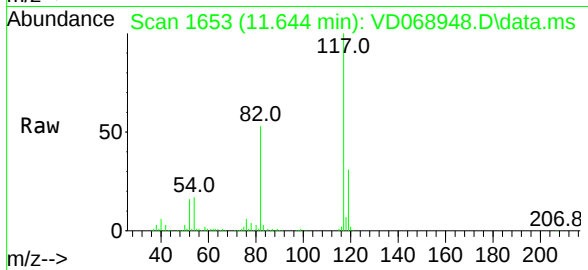




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.001 min
Lab File: VD068948.D
Acq: 22 Apr 2021 13:02

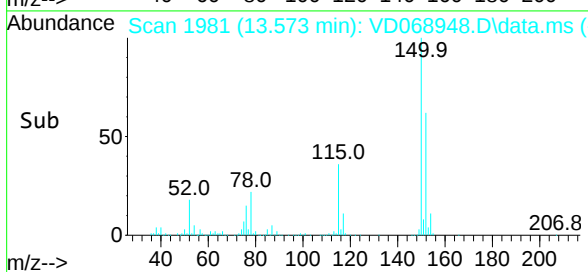
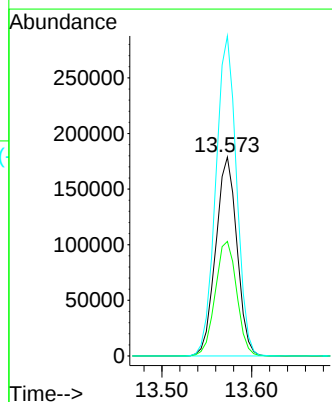
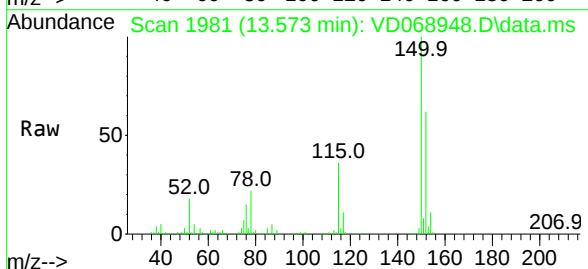
Instrument :
MSVOA_D
ClientSampleId :

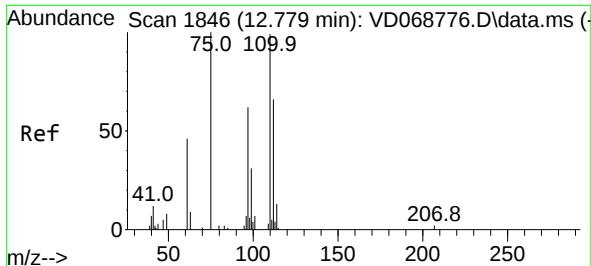
Tgt Ion:117 Resp: 578333
Ion Ratio Lower Upper
117 100
82 53.3 43.5 65.3
119 31.2 26.7 40.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068948.D
Acq: 22 Apr 2021 13:02

Tgt Ion:152 Resp: 293379
Ion Ratio Lower Upper
152 100
115 58.4 29.3 87.8
150 157.2 0.0 347.6

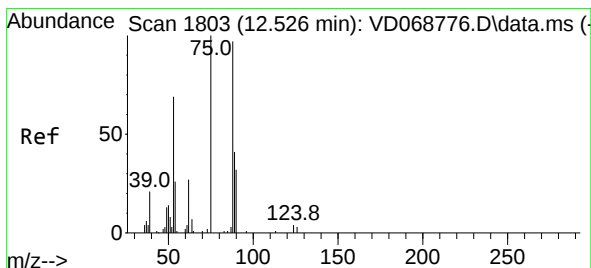
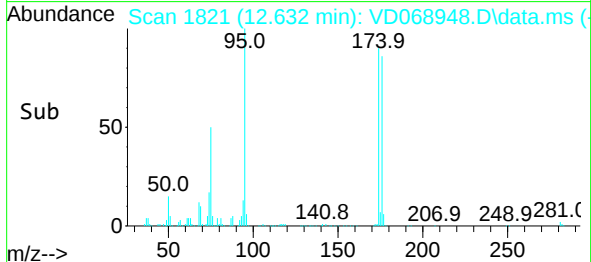
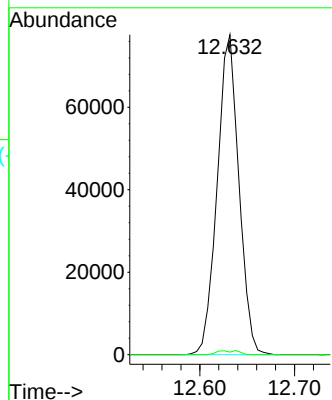
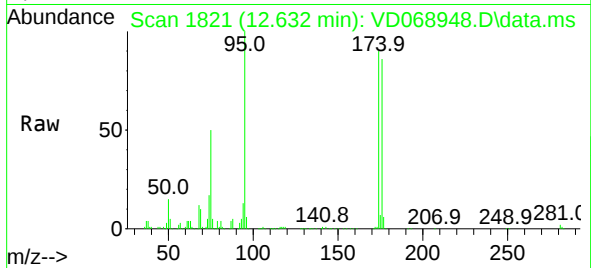




#76
1,2,3-Trichloropropane
Concen: 46.08 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.147 min
Lab File: VD068948.D
Acq: 22 Apr 2021 13:02

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 123499
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 106.93 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068948.D
Acq: 22 Apr 2021 13:02

Tgt Ion: 75 Resp: 123499
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 36.6 54.8#

