

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010621\
 Data File : VD068010.D
 Acq On : 06 Jan 2021 11:33
 Operator : VA/SY
 Sample : VD0106SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0106SBL01

Quant Time: Jan 07 00:08:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122220S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 23 07:34:16 2020
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	281718	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	561004	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	536310	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.579	152	233130	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	189423	62.27	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	124.54%
35) Dibromofluoromethane	7.914	113	192725	54.52	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.04%
50) Toluene-d8	10.344	98	717098	53.97	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.94%
62) 4-Bromofluorobenzene	12.632	95	230635	50.75	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	101.50%

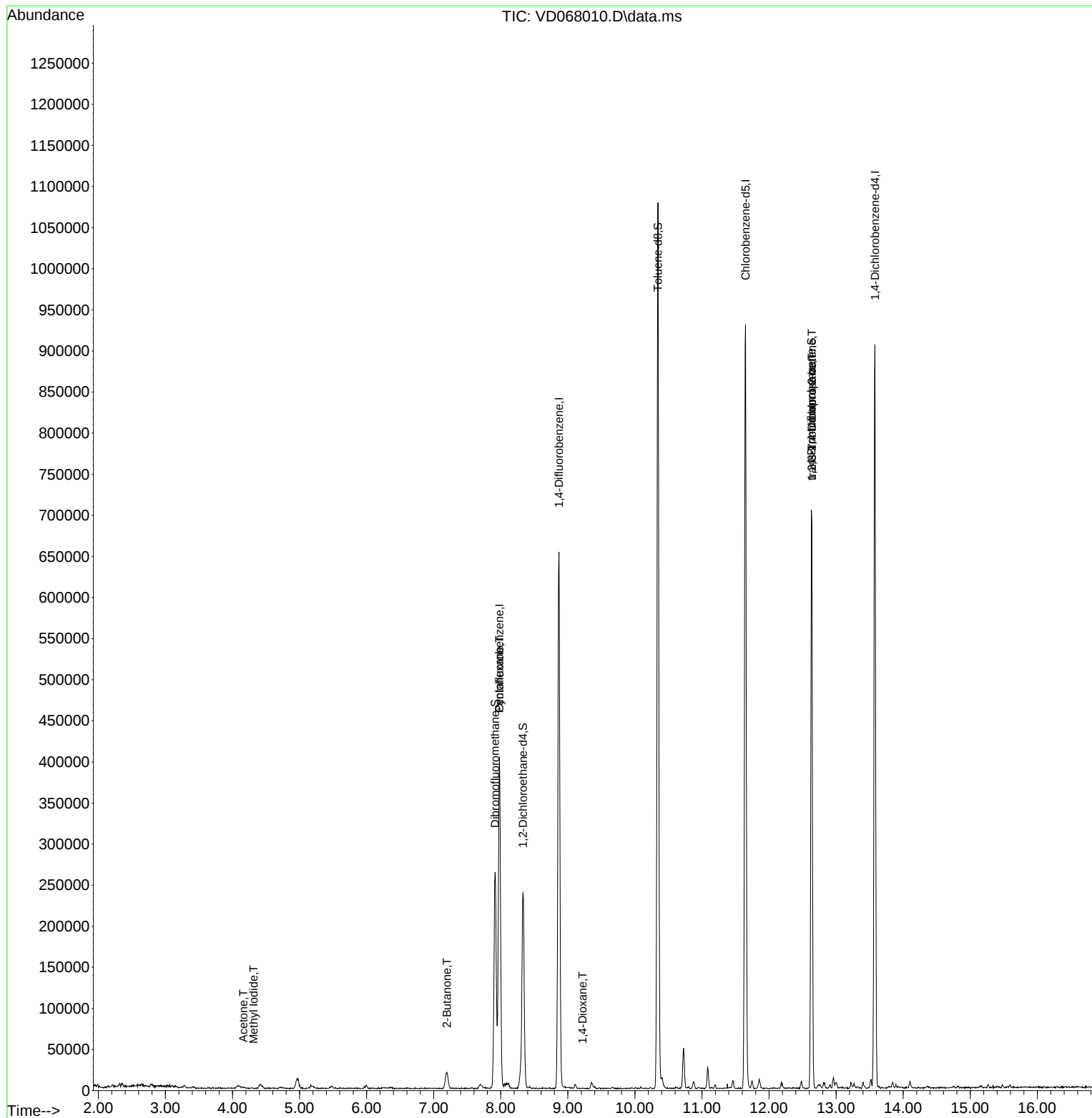
Target Compounds						Qvalue
5) Bromomethane	2.779	94	1638	Below Cal	#	71
10) Methyl Iodide	4.314	142	946	4.12	ug/l #	50
11) Tert butyl alcohol	5.191	59	1996	Below Cal	#	74
16) Acetone	4.162	43	2569	4.42	ug/l #	87
20) Methylene Chloride	4.962	84	9339	Below Cal		96
25) 2-Butanone	7.197	43	1347	1.57	ug/l #	49
31) Cyclohexane	7.979	56	9343	1.50	ug/l #	17
49) 1,4-Dioxane	9.220	88	60	2.57	ug/l #	24
76) 1,2,3-Trichloropropane	12.638	75	115042	58.61	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.638	75	115042	120.14	ug/l #	12

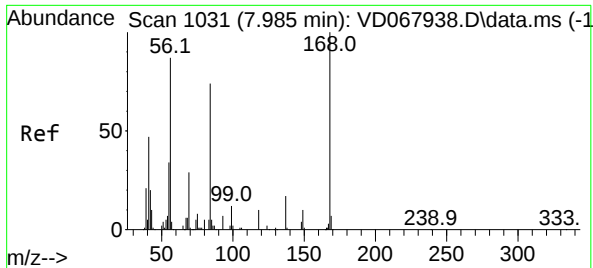
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010621\
Data File : VD068010.D
Acq On : 06 Jan 2021 11:33
Operator : VA/SY
Sample : VD0106SBL01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0106SBL01

Quant Time: Jan 07 00:08:31 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122220S.M
Quant Title : SW846 8260
QLast Update : Wed Dec 23 07:34:16 2020
Response via : Initial Calibration

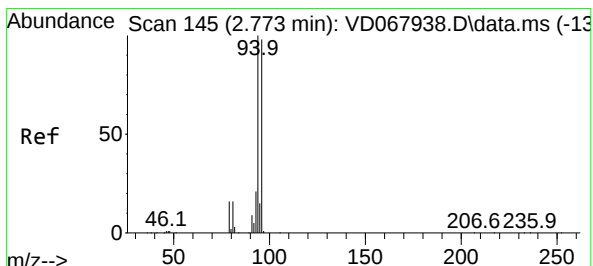
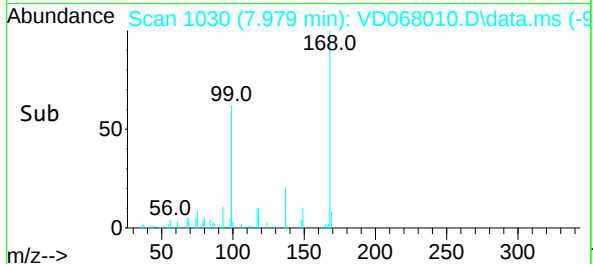
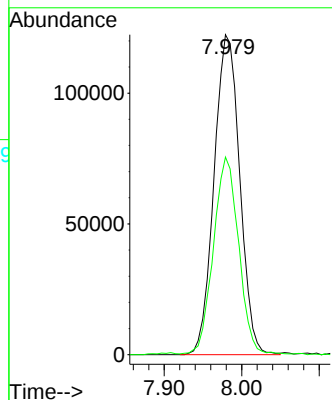
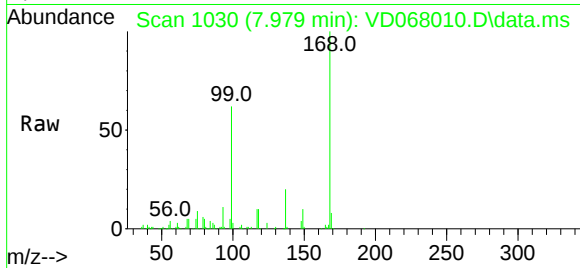




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068010.D
Acq: 06 Jan 2021 11:33

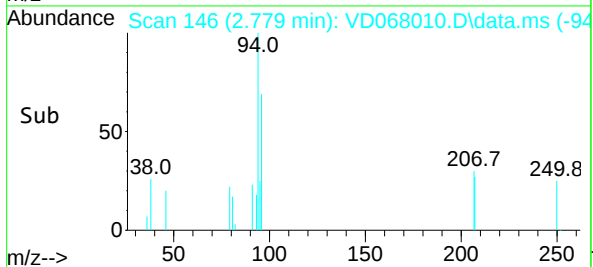
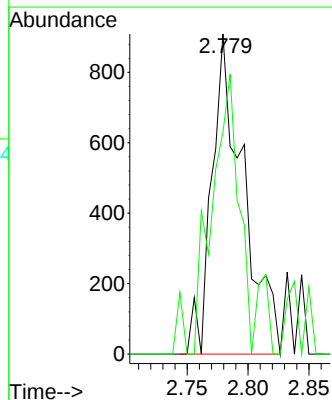
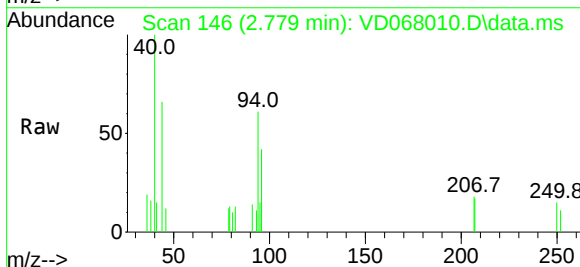
Instrument :
MSVOA_D
ClientSampleId :
VD0106SBL01

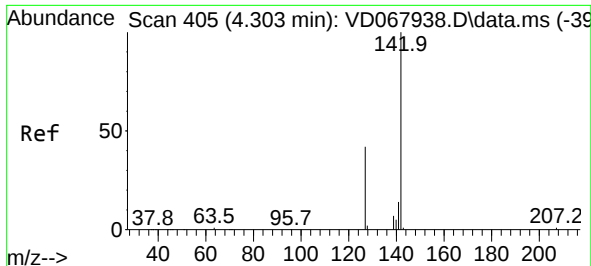
Tgt Ion:168 Resp: 281718
Ion Ratio Lower Upper
168 100
99 61.5 48.0 72.0



#5
Bromomethane
Concen: Below Cal
RT: 2.779 min Scan# 146
Delta R.T. 0.006 min
Lab File: VD068010.D
Acq: 06 Jan 2021 11:33

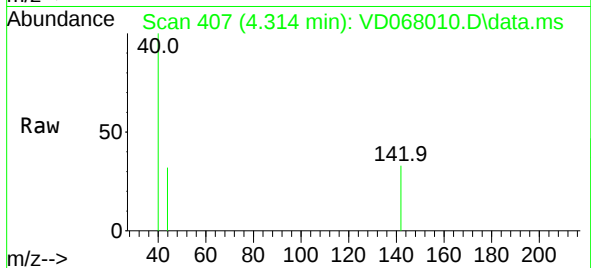
Tgt Ion: 94 Resp: 1638
Ion Ratio Lower Upper
94 100
96 69.2 78.0 117.0#



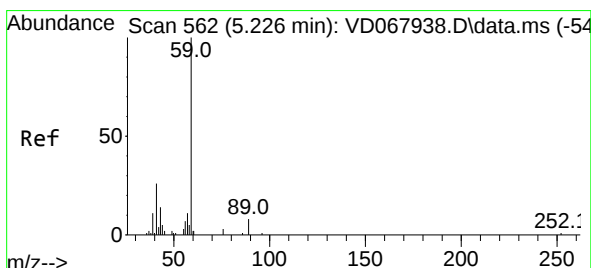
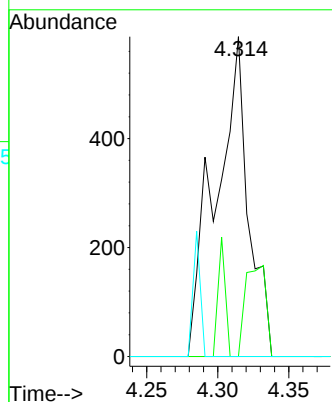
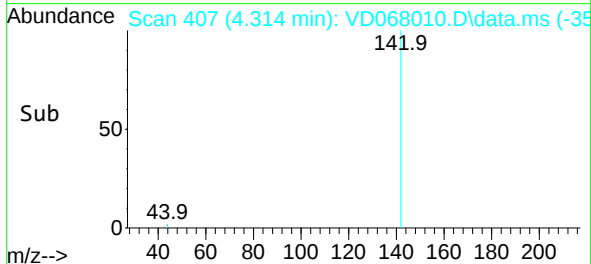


#10
Methyl Iodide
Concen: 4.12 ug/l
RT: 4.314 min Scan# 407
Delta R.T. 0.011 min
Lab File: VD068010.D
Acq: 06 Jan 2021 11:33

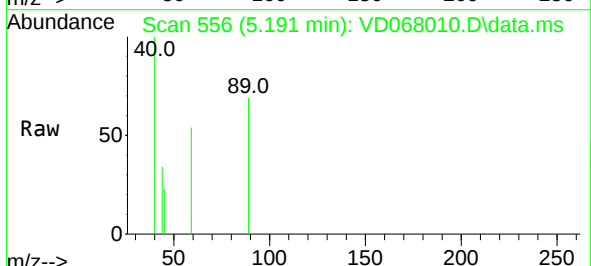
Instrument :
MSVOA_D
ClientSampleId :
VD0106SBL01



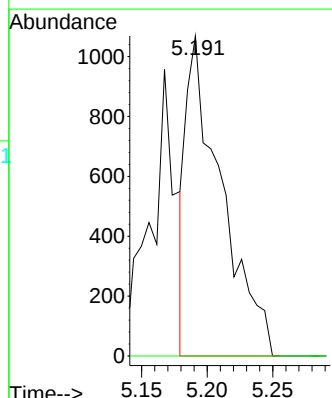
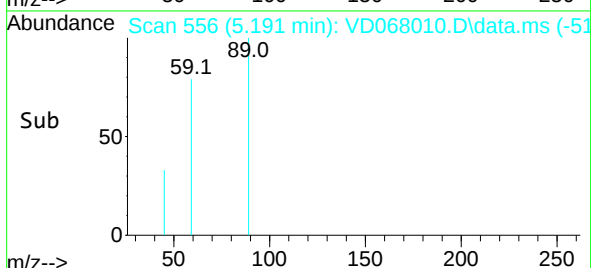
Tgt Ion:142 Resp: 946
Ion Ratio Lower Upper
142 100
127 8.1 34.4 51.6#
141 0.0 11.8 17.8#

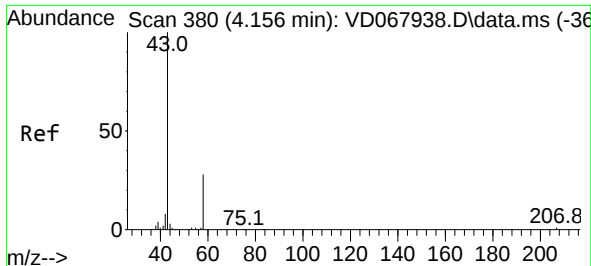


#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.191 min Scan# 556
Delta R.T. -0.035 min
Lab File: VD068010.D
Acq: 06 Jan 2021 11:33



Tgt Ion: 59 Resp: 1996
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

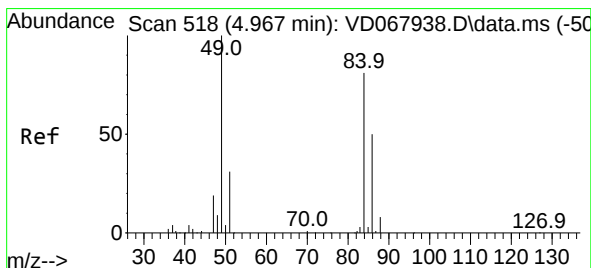
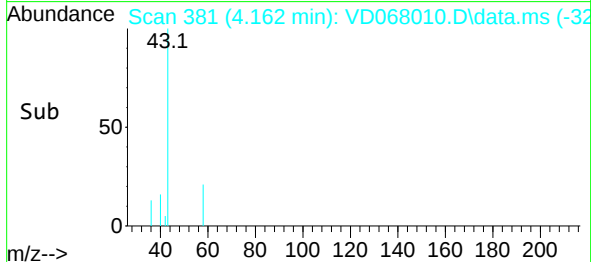
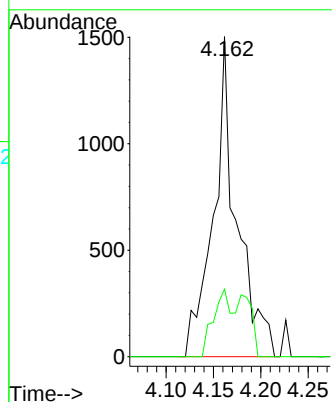
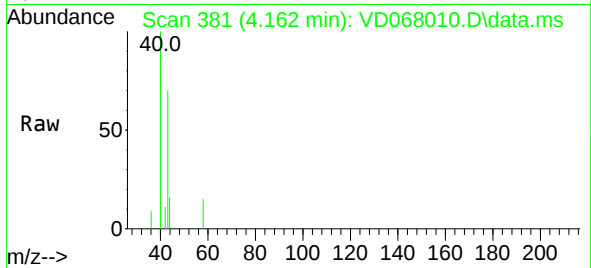




#16
Acetone
Concen: 4.42 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD068010.D
Acq: 06 Jan 2021 11:33

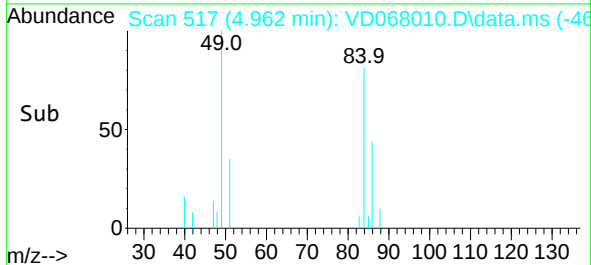
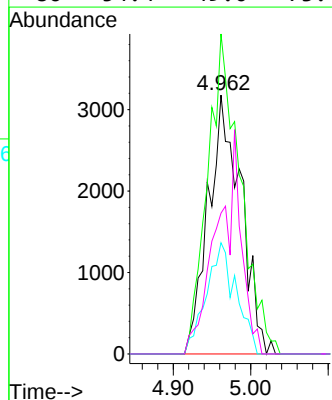
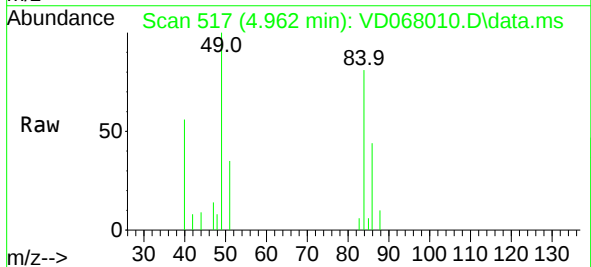
Instrument :
MSVOA_D
ClientSampleId :
VD0106SBL01

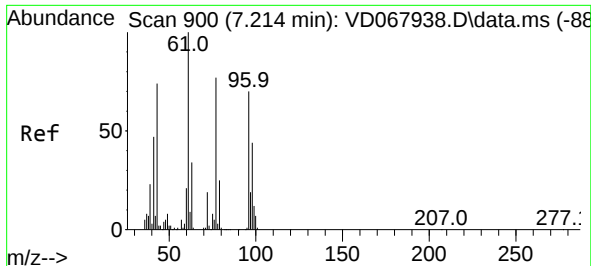
Tgt Ion: 43 Resp: 2569
Ion Ratio Lower Upper
43 100
58 21.1 22.3 33.5#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.962 min Scan# 517
Delta R.T. -0.005 min
Lab File: VD068010.D
Acq: 06 Jan 2021 11:33

Tgt Ion: 84 Resp: 9339
Ion Ratio Lower Upper
84 100
49 123.6 98.3 147.5
51 42.9 30.3 45.5
86 54.4 49.0 73.4

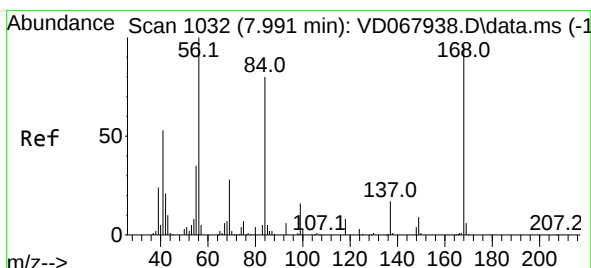
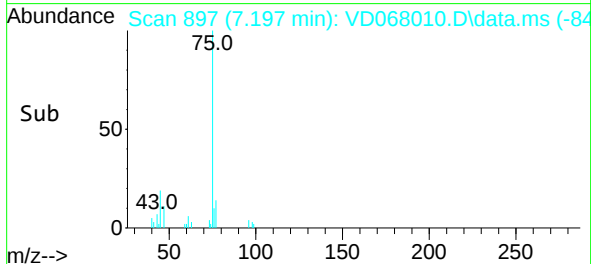
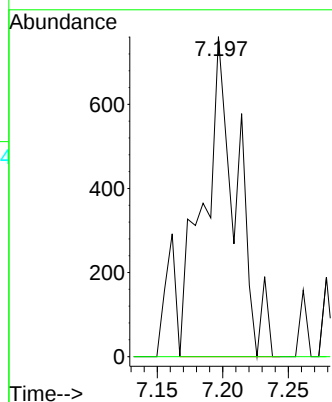
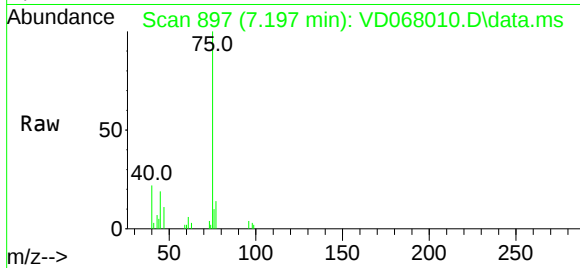




#25
2-Butanone
Concen: 1.57 ug/l
RT: 7.197 min Scan# 897
Delta R.T. -0.018 min
Lab File: VD068010.D
Acq: 06 Jan 2021 11:33

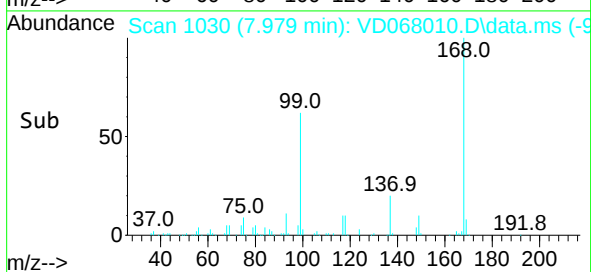
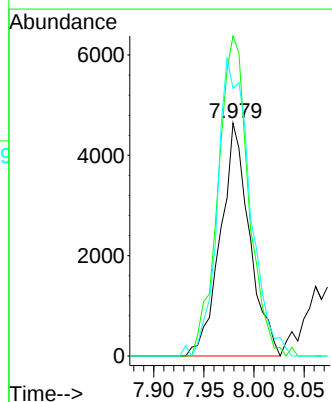
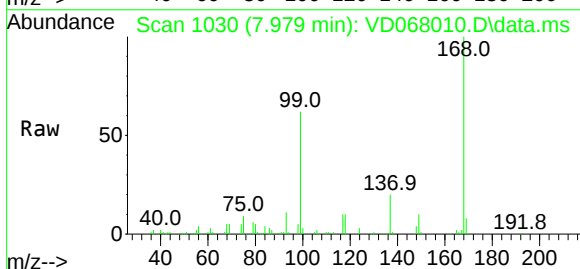
Instrument :
MSVOA_D
ClientSampleId :
VD0106SBL01

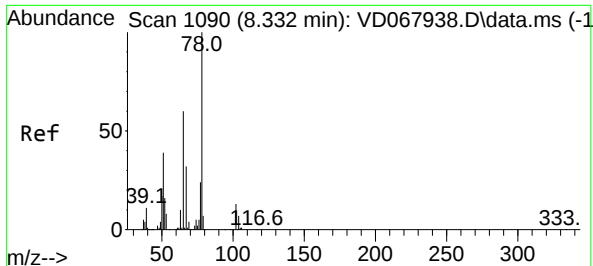
Tgt Ion: 43 Resp: 1347
Ion Ratio Lower Upper
43 100
72 0.0 20.8 31.2#



#31
Cyclohexane
Concen: 1.50 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.012 min
Lab File: VD068010.D
Acq: 06 Jan 2021 11:33

Tgt Ion: 56 Resp: 9343
Ion Ratio Lower Upper
56 100
69 137.5 22.7 34.1#
84 115.0 64.2 96.4#

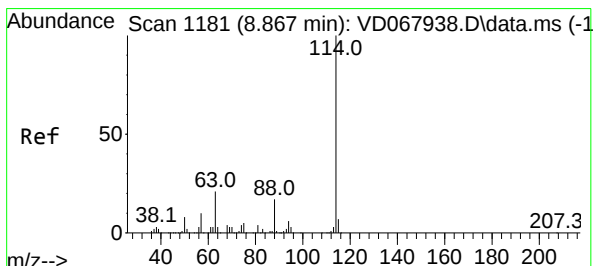
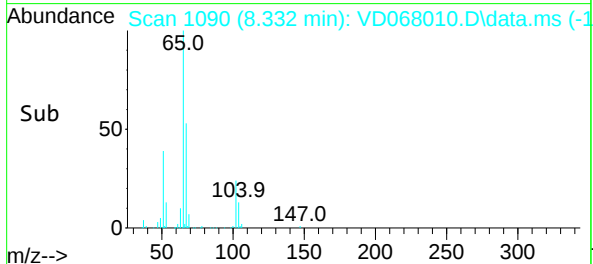
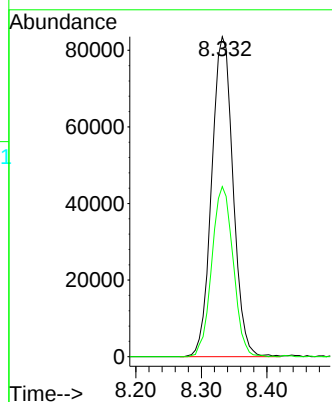
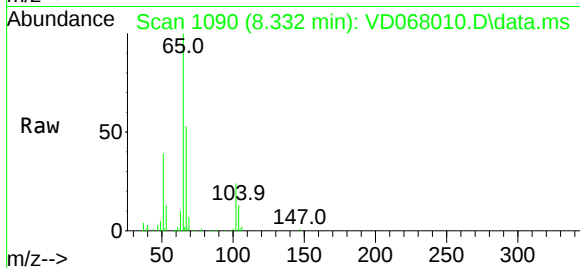




#33
1,2-Dichloroethane-d4
Concen: 62.27 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068010.D
Acq: 06 Jan 2021 11:33

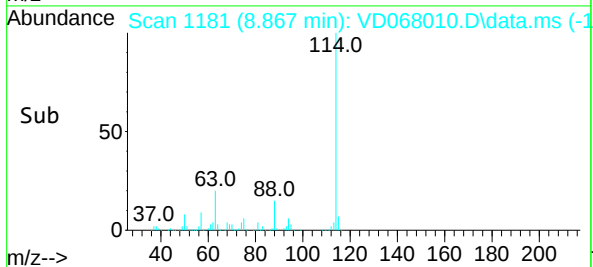
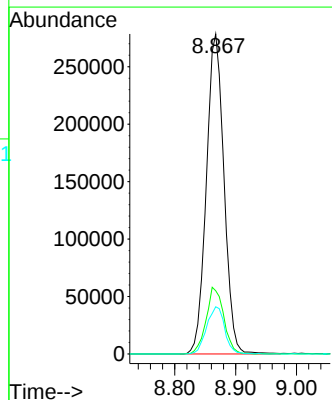
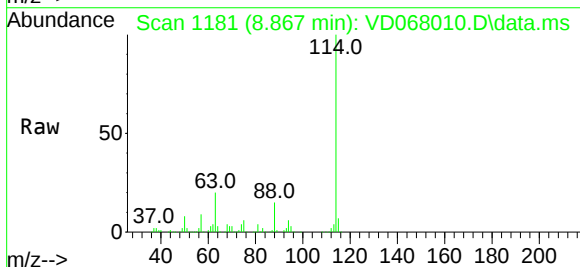
Instrument :
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VD0106SBL01

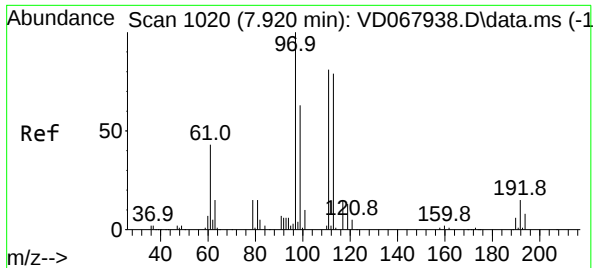
Tgt Ion: 65 Resp: 189423
Ion Ratio Lower Upper
65 100
67 53.1 0.0 110.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068010.D
Acq: 06 Jan 2021 11:33

Tgt Ion: 114 Resp: 561004
Ion Ratio Lower Upper
114 100
63 19.8 0.0 41.4
88 14.7 0.0 33.2





#35

Dibromofluoromethane

Concen: 54.52 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.006 min

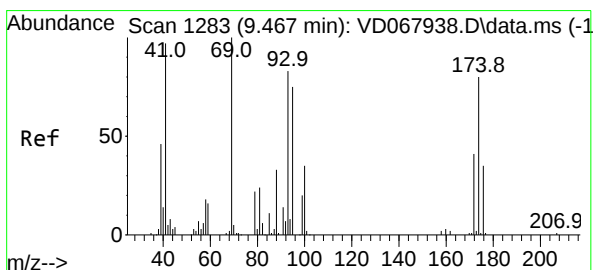
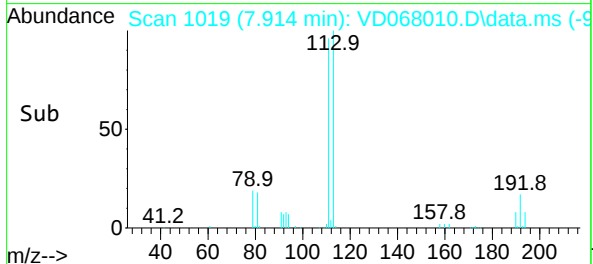
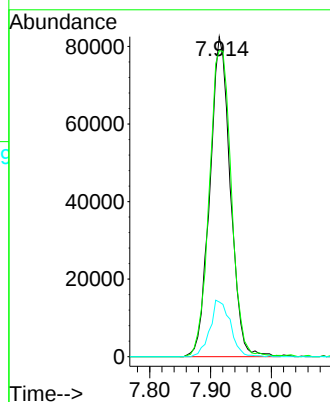
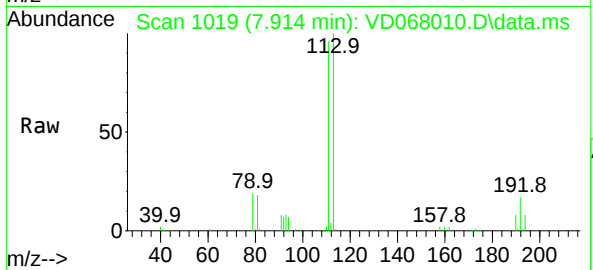
Lab File: VD068010.D

Acq: 06 Jan 2021 11:33

Instrument :
MSVOA_D
ClientSampleId :
VD0106SBL01

Tgt Ion: 113 Resp: 192725

Ion	Ratio	Lower	Upper
113	100		
111	103.0	79.3	118.9
192	17.5	14.5	21.7



#49

1,4-Dioxane

Concen: 2.57 ug/l

RT: 9.220 min Scan# 1241

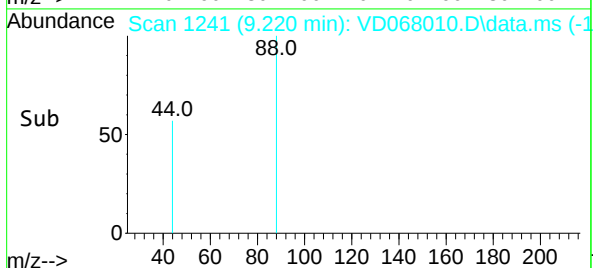
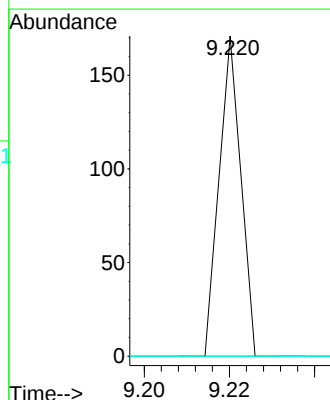
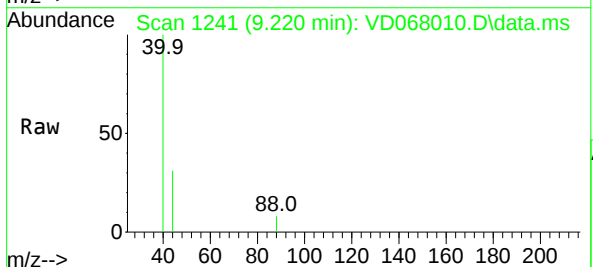
Delta R.T. -0.247 min

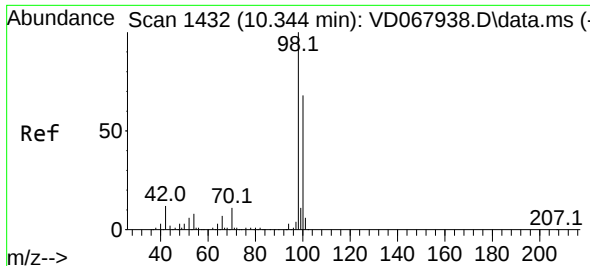
Lab File: VD068010.D

Acq: 06 Jan 2021 11:33

Tgt Ion: 88 Resp: 60

Ion	Ratio	Lower	Upper
88	100		
43	0.0	27.3	40.9#
58	0.0	54.8	82.2#

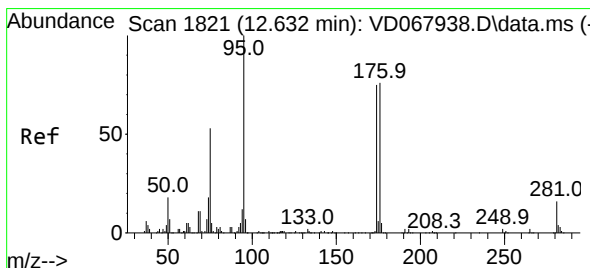
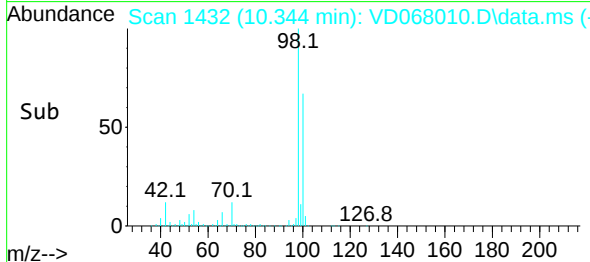
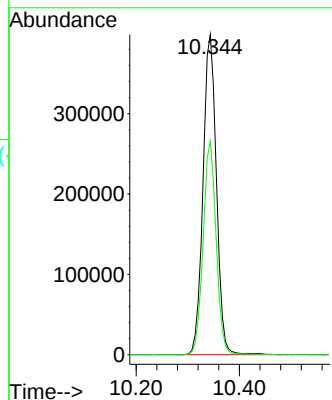
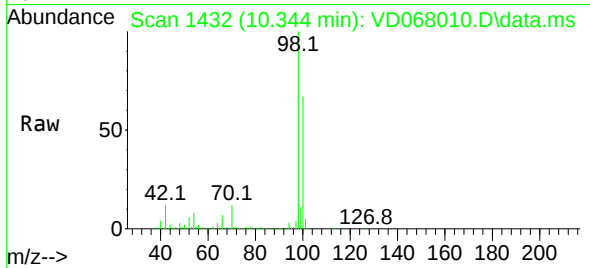




#50
Toluene-d8
Concen: 53.97 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068010.D
Acq: 06 Jan 2021 11:33

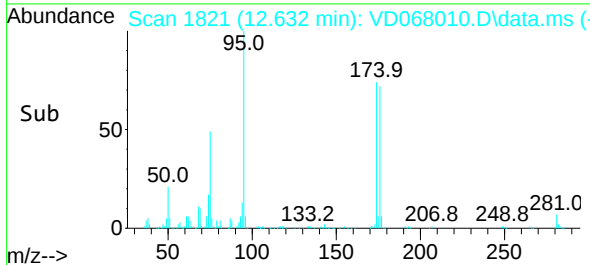
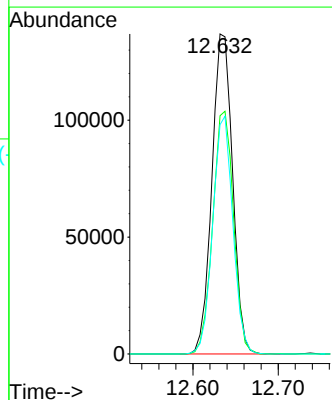
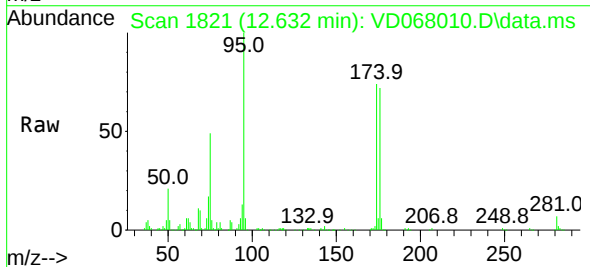
Instrument :
MSVOA_D
ClientSampleId :
VD0106SBL01

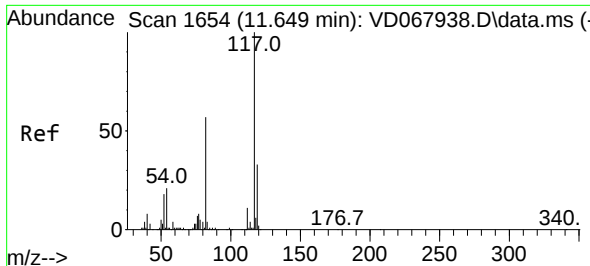
Tgt Ion: 98 Resp: 717098
Ion Ratio Lower Upper
98 100
100 64.9 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 50.75 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068010.D
Acq: 06 Jan 2021 11:33

Tgt Ion: 95 Resp: 230635
Ion Ratio Lower Upper
95 100
174 76.4 0.0 150.6
176 72.3 0.0 151.2

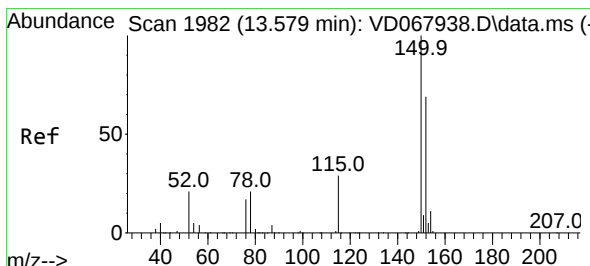
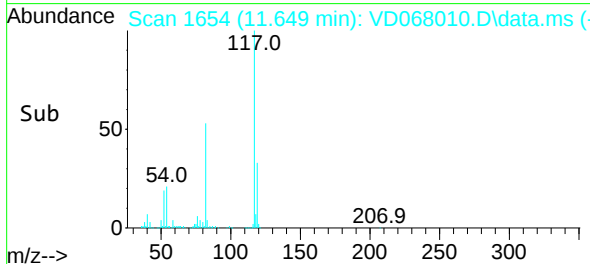
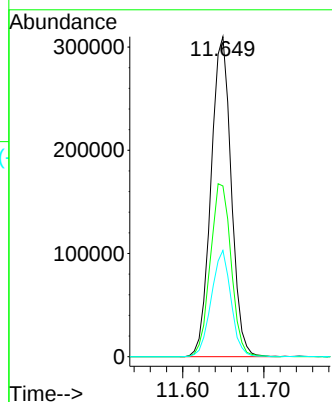
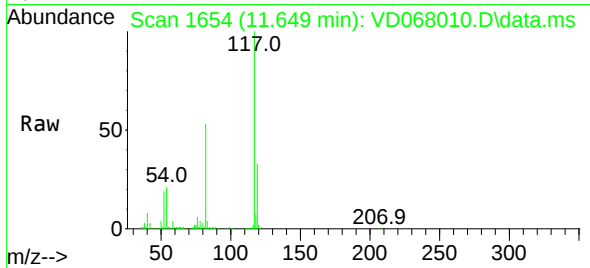




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.649 min Scan# 1654
Delta R.T. 0.000 min
Lab File: VD068010.D
Acq: 06 Jan 2021 11:33

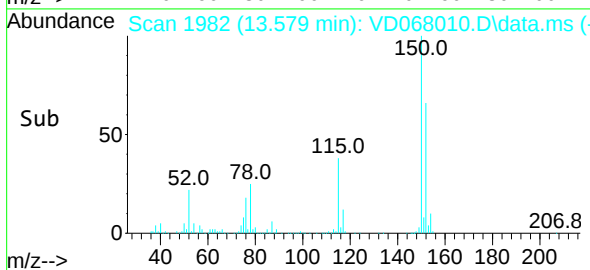
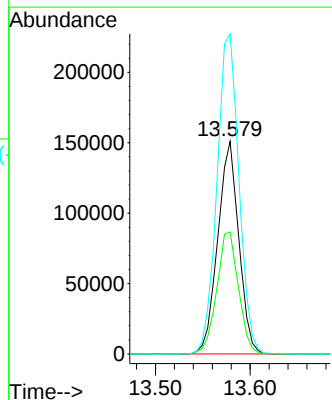
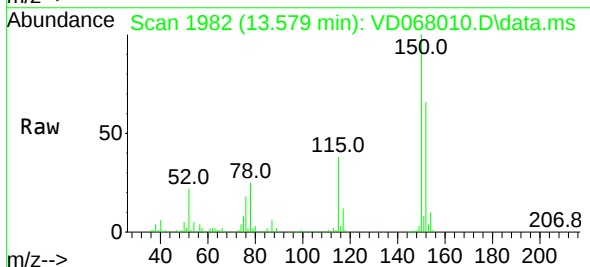
Instrument :
MSVOA_D
ClientSampleId :
VD0106SBL01

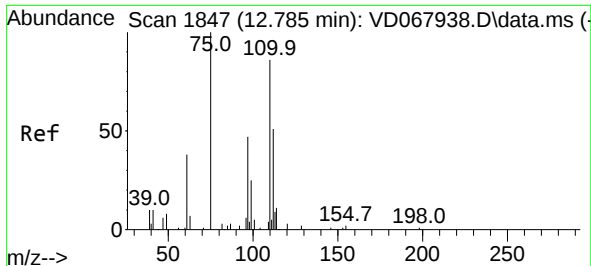
Tgt Ion:117 Resp: 536310
Ion Ratio Lower Upper
117 100
82 53.4 45.4 68.0
119 33.2 26.7 40.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. 0.000 min
Lab File: VD068010.D
Acq: 06 Jan 2021 11:33

Tgt Ion:152 Resp: 233130
Ion Ratio Lower Upper
152 100
115 59.2 29.3 88.0
150 157.5 0.0 340.0

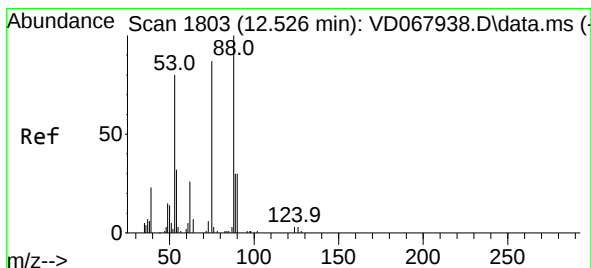
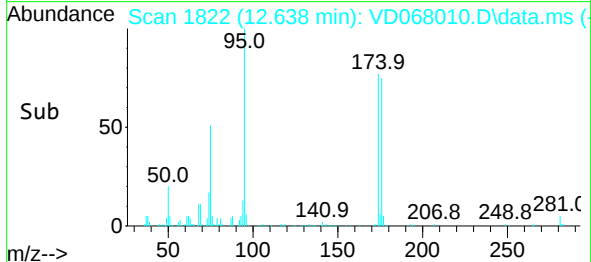
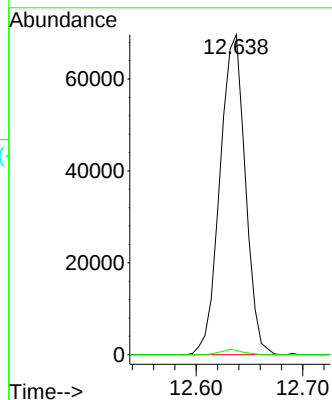
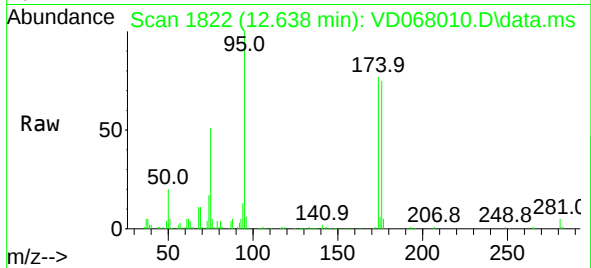




#76
1,2,3-Trichloropropane
Concen: 58.61 ug/l
RT: 12.638 min Scan# 1822
Delta R.T. -0.147 min
Lab File: VD068010.D
Acq: 06 Jan 2021 11:33

Instrument :
MSVOA_D
ClientSampleId :
VD0106SBL01

Tgt Ion: 75 Resp: 115042
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 120.14 ug/l
RT: 12.638 min Scan# 1822
Delta R.T. 0.112 min
Lab File: VD068010.D
Acq: 06 Jan 2021 11:33

Tgt Ion: 75 Resp: 115042
Ion Ratio Lower Upper
75 100
53 0.0 74.9 112.3#
89 0.0 33.8 50.8#

