

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030221\
 Data File : VD068491.D
 Acq On : 02 Mar 2021 12:53
 Operator : VA/SY
 Sample : M1532-01
 Misc : 5.15G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Mar 02 23:57:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 26 14:04:14 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.985	168	345559	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	616595	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	594776	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	272396	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	185161	53.63	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.26%
35) Dibromofluoromethane	7.920	113	193028	51.97	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.94%
50) Toluene-d8	10.338	98	775889	52.44	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.88%
62) 4-Bromofluorobenzene	12.632	95	257355	53.97	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	107.94%

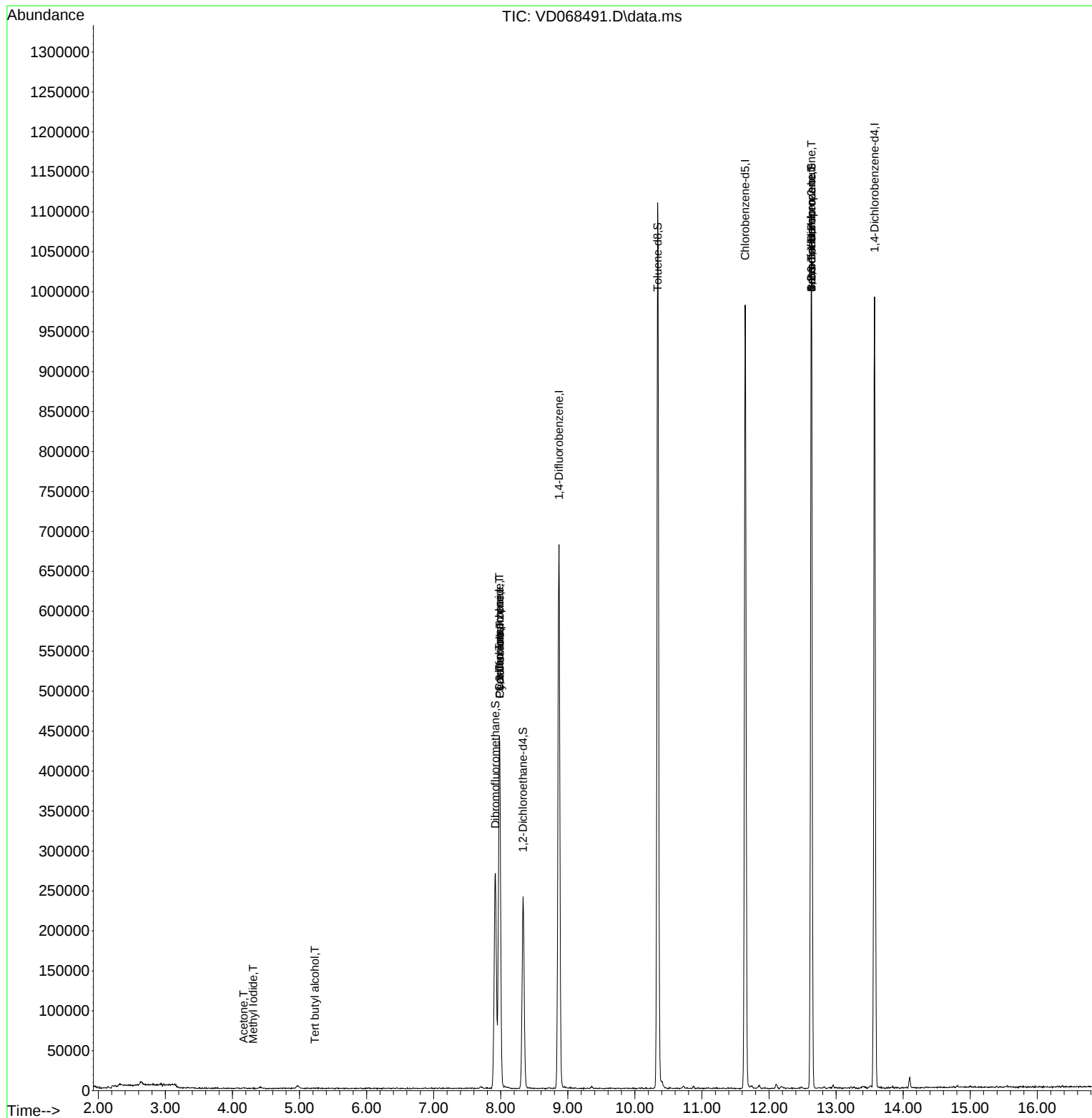
Target Compounds						Qvalue
10) Methyl Iodide	4.309	142	356	2.70	ug/l #	75
11) Tert butyl alcohol	5.226	59	222	1.20	ug/l #	74
16) Acetone	4.168	43	882	1.61	ug/l #	44
20) Methylene Chloride	4.968	84	2982	Below Cal	#	75
31) Cyclohexane	7.985	56	7662	1.22	ug/l #	32
36) 1,1-Dichloropropene	7.979	75	24758	4.22	ug/l #	49
38) Carbon Tetrachloride	7.979	117	32769	5.95	ug/l #	16
71) Bromoform	12.632	173	2237	1.05	ug/l #	1
76) 1,2,3-Trichloropropane	12.632	75	128862	53.29	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	128862	124.36	ug/l #	14

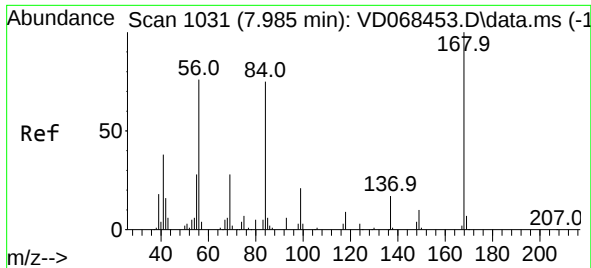
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030221\
Data File : VD068491.D
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Misc : 5.15G/5.00ml/MSVOA_D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

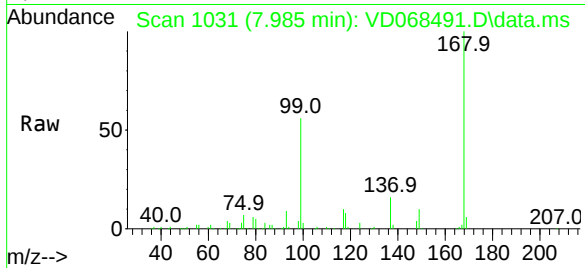
Quant Time: Mar 02 23:57:06 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
Quant Title : SW846 8260
QLast Update : Fri Feb 26 14:04:14 2021
Response via : Initial Calibration



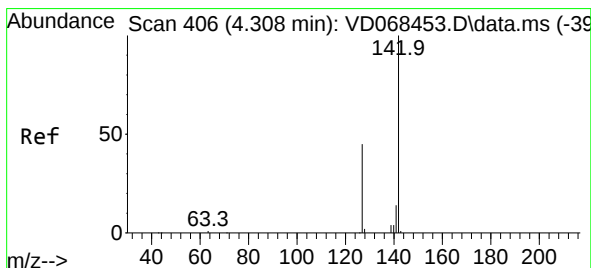
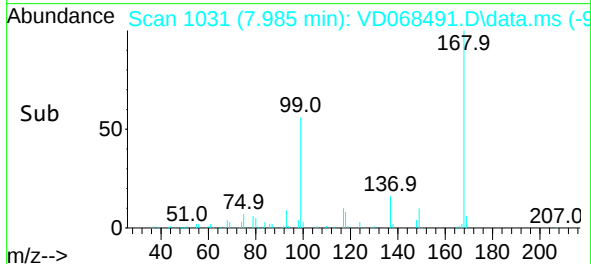
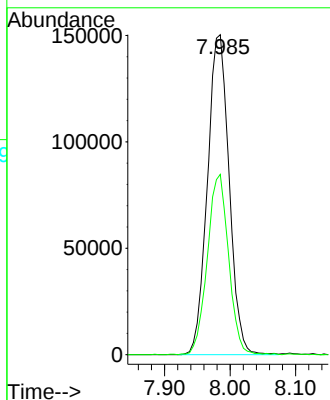


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VD068491.D
Acq: 02 Mar 2021 12:53

Instrument :
MSVOA_D
ClientSampled :

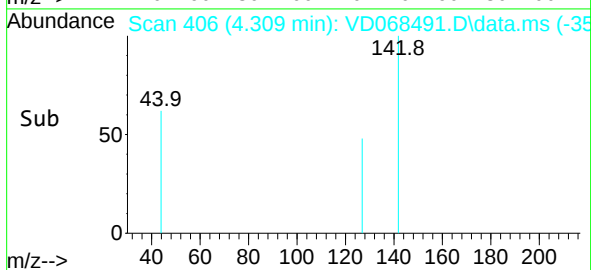
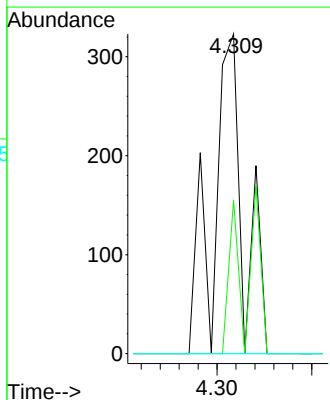
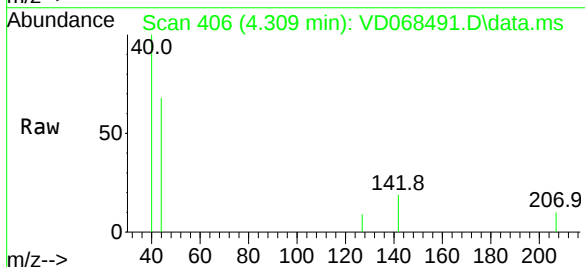


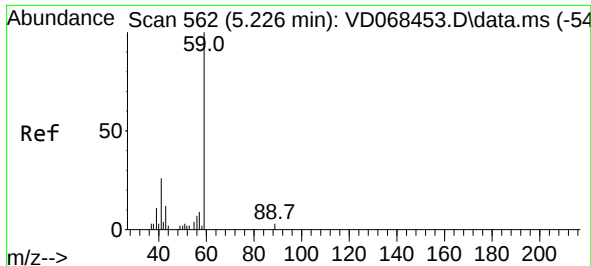
Tgt Ion:168 Resp: 345559
Ion Ratio Lower Upper
168 100
99 56.3 43.5 65.3



#10
Methyl Iodide
Concen: 2.70 ug/l
RT: 4.309 min Scan# 406
Delta R.T. 0.001 min
Lab File: VD068491.D
Acq: 02 Mar 2021 12:53

Tgt Ion:142 Resp: 356
Ion Ratio Lower Upper
142 100
127 32.3 37.9 56.9#
141 0.0 11.5 17.3#



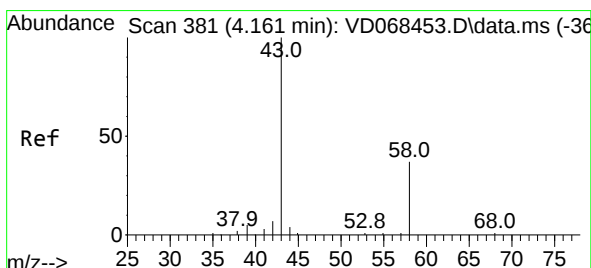
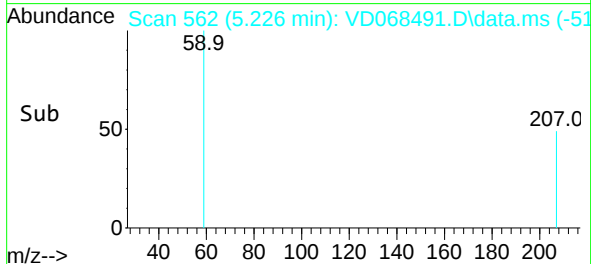
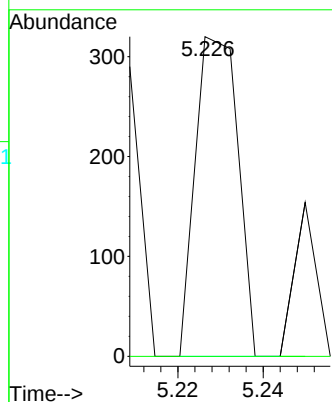
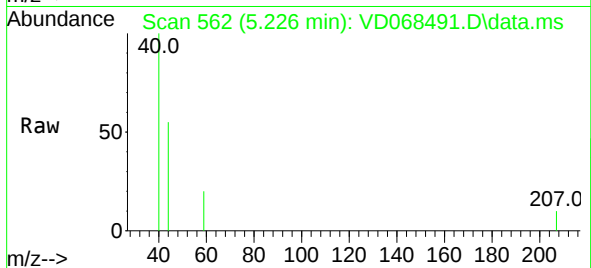


#11

Tert butyl alcohol
Concen: 1.20 ug/l
RT: 5.226 min Scan# 562
Delta R.T. 0.000 min
Lab File: VD068491.D
Acq: 02 Mar 2021 12:53

Instrument :
MSVOA_D
ClientSampleId :

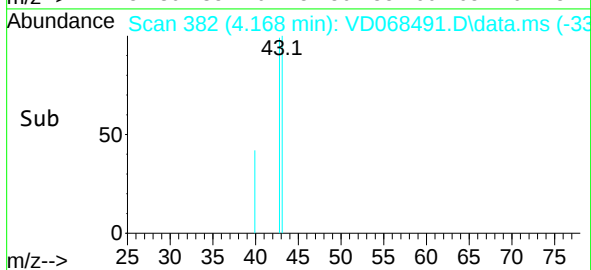
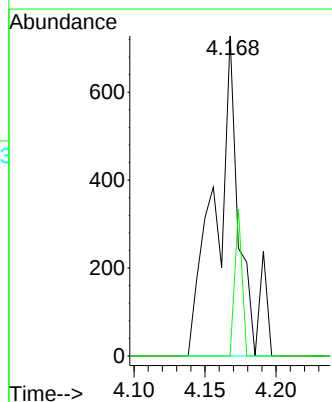
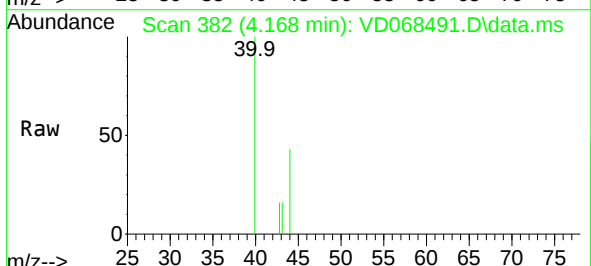
Tgt Ion: 59 Resp: 222
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

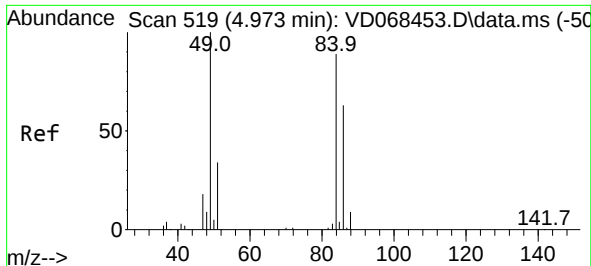


#16

Acetone
Concen: 1.61 ug/l
RT: 4.168 min Scan# 382
Delta R.T. 0.006 min
Lab File: VD068491.D
Acq: 02 Mar 2021 12:53

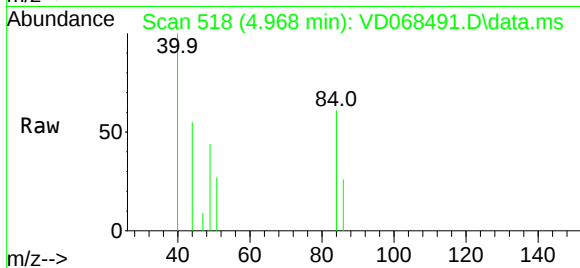
Tgt Ion: 43 Resp: 882
Ion Ratio Lower Upper
43 100
58 0.0 24.2 36.4#



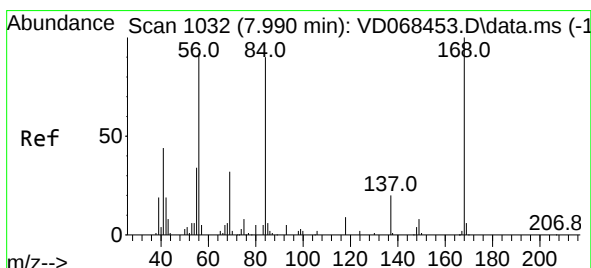
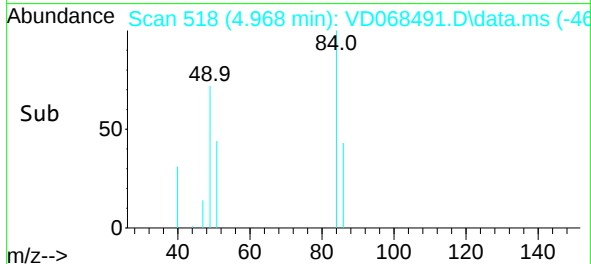
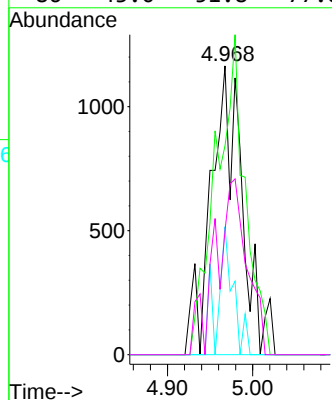


#20
Methylene Chloride
Concen: Below Cal
RT: 4.968 min Scan# 518
Delta R.T. -0.005 min
Lab File: VD068491.D
Acq: 02 Mar 2021 12:53

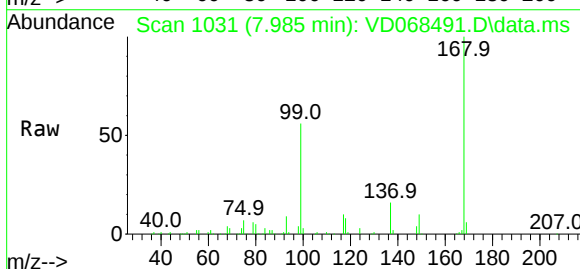
Instrument :
MSVOA_D
ClientSampled :



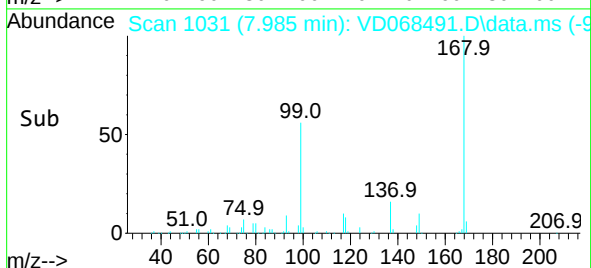
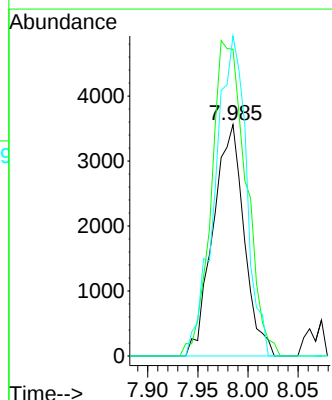
Tgt Ion:	84	Resp:	2982
Ion	Ratio	Lower	Upper
84	100		
49	72.3	77.4	116.2#
51	44.3	26.1	39.1#
86	43.0	51.8	77.8#

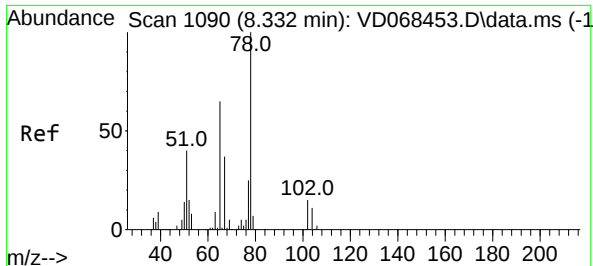


#31
Cyclohexane
Concen: 1.22 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.005 min
Lab File: VD068491.D
Acq: 02 Mar 2021 12:53



Tgt Ion:	56	Resp:	7662
Ion	Ratio	Lower	Upper
56	100		
69	132.5	30.1	45.1#
84	138.3	82.1	123.1#

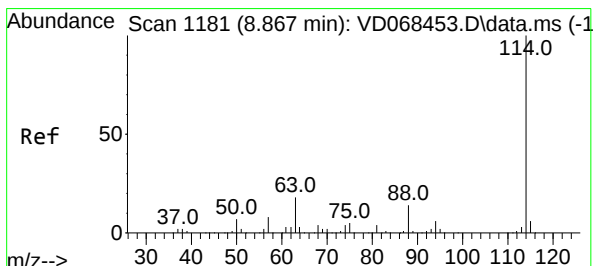
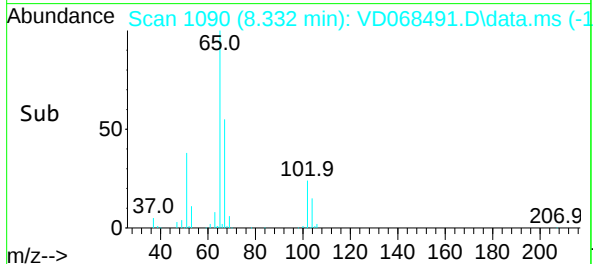
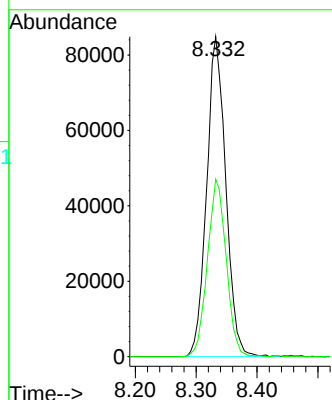
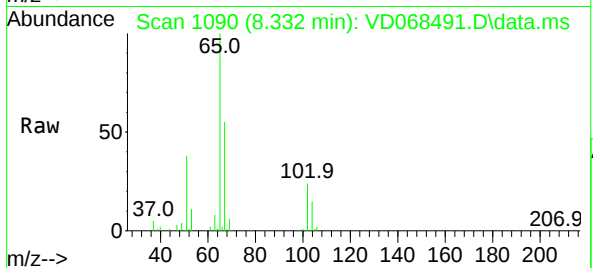




#33
1,2-Dichloroethane-d4
Concen: 53.63 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068491.D
Acq: 02 Mar 2021 12:53

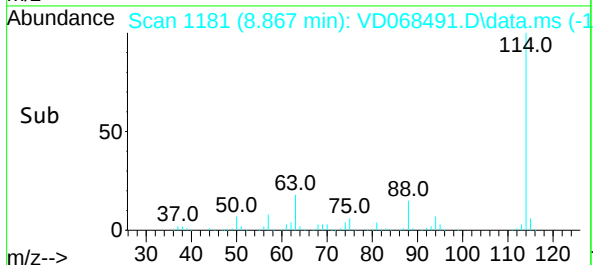
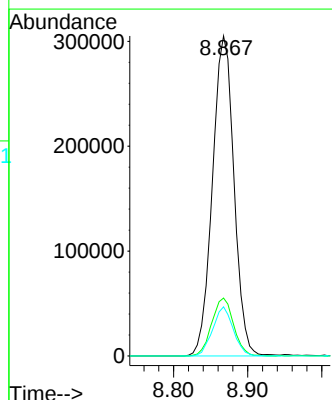
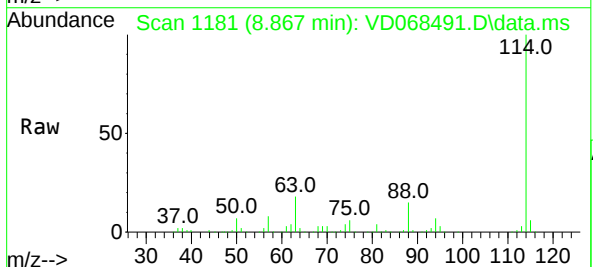
Instrument :
MSVOA_D
ClientSampled :

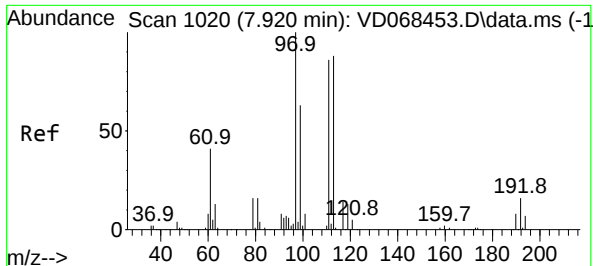
Tgt Ion: 65 Resp: 185161
Ion Ratio Lower Upper
65 100
67 54.5 0.0 105.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068491.D
Acq: 02 Mar 2021 12:53

Tgt Ion: 114 Resp: 616595
Ion Ratio Lower Upper
114 100
63 18.1 0.0 34.8
88 15.3 0.0 31.6





#35

Dibromofluoromethane

Concen: 51.97 ug/l

RT: 7.920 min Scan# 1020

Delta R.T. 0.000 min

Lab File: VD068491.D

Acq: 02 Mar 2021 12:53

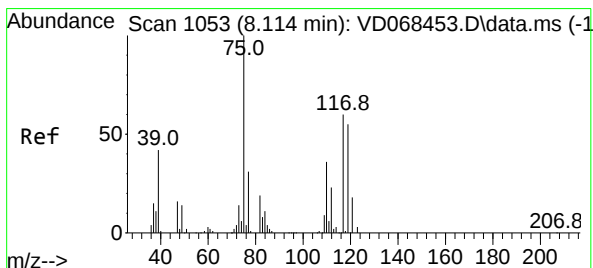
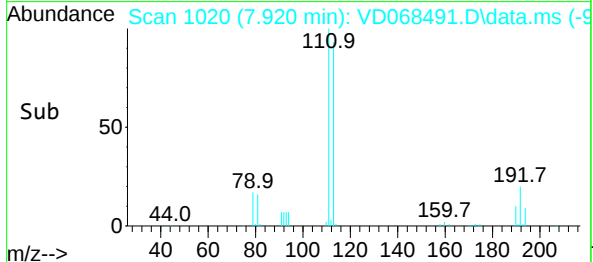
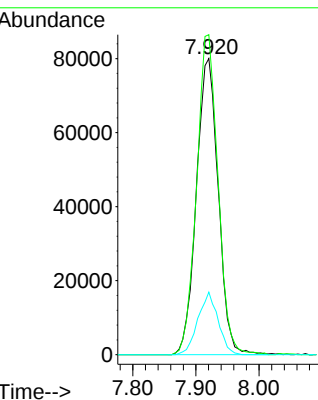
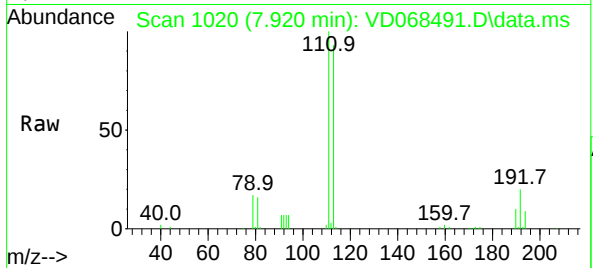
Tgt Ion: 113 Resp: 193028

Ion Ratio Lower Upper

113 100

111 105.5 81.4 122.0

192 19.5 16.1 24.1



#36

1,1-Dichloropropene

Concen: 4.22 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.135 min

Lab File: VD068491.D

Acq: 02 Mar 2021 12:53

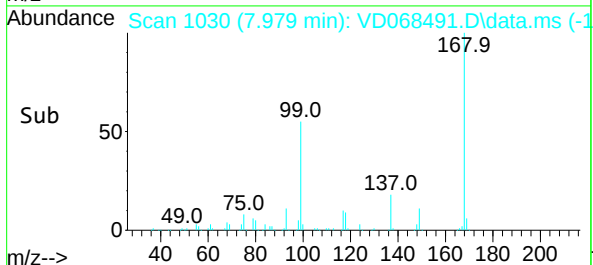
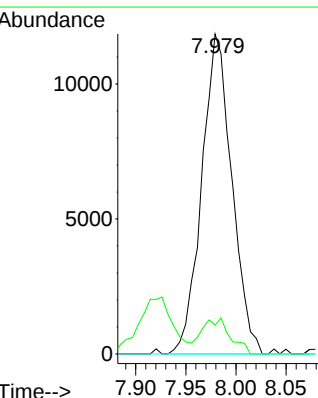
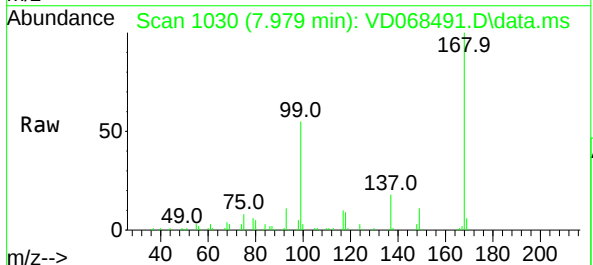
Tgt Ion: 75 Resp: 24758

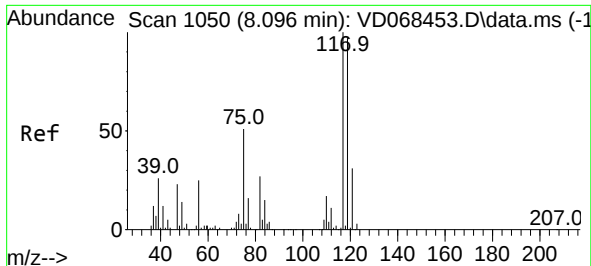
Ion Ratio Lower Upper

75 100

110 10.4 19.4 58.2#

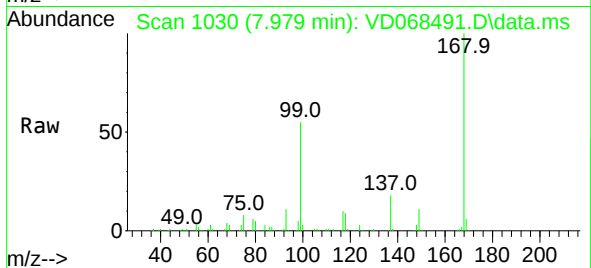
77 0.0 25.3 37.9#



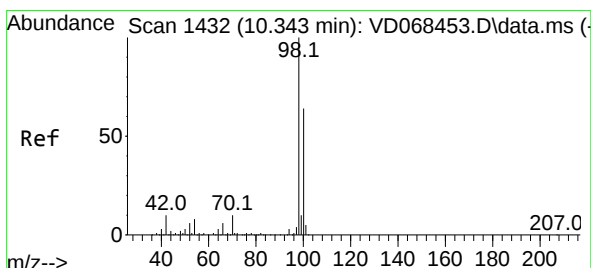
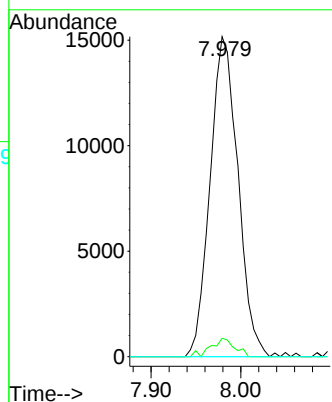
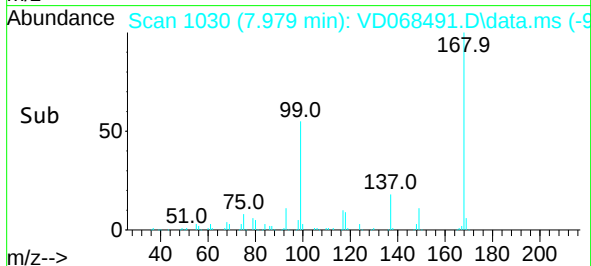


#38
Carbon Tetrachloride
Concen: 5.95 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.117 min
Lab File: VD068491.D
Acq: 02 Mar 2021 12:53

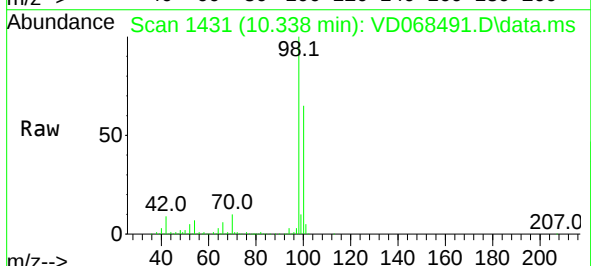
Instrument :
MSVOA_D
ClientSampled :



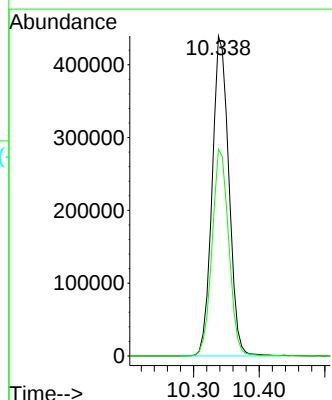
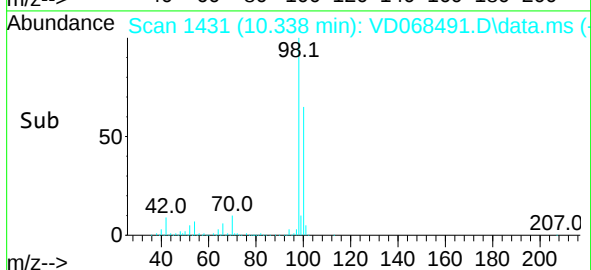
Tgt Ion:117 Resp: 32769
Ion Ratio Lower Upper
117 100
119 5.7 77.3 115.9#
121 0.0 24.7 37.1#

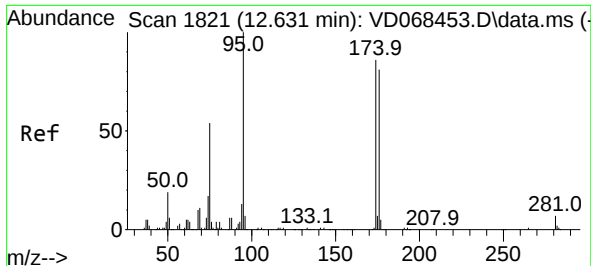


#50
Toluene-d8
Concen: 52.44 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.005 min
Lab File: VD068491.D
Acq: 02 Mar 2021 12:53



Tgt Ion: 98 Resp: 775889
Ion Ratio Lower Upper
98 100
100 64.8 53.0 79.4

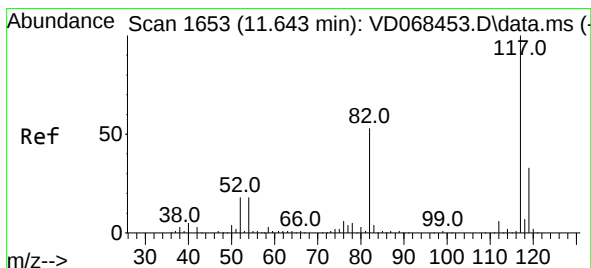
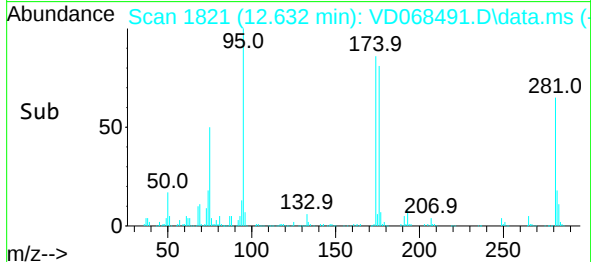
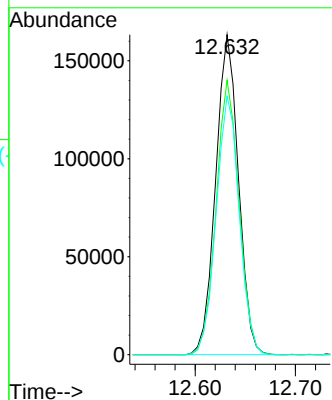
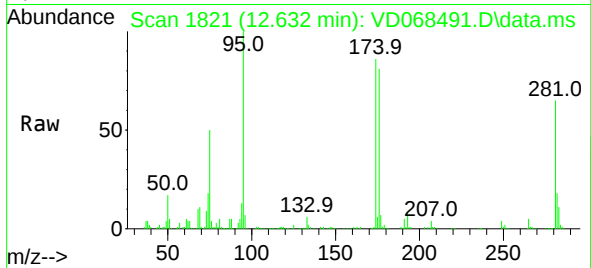




#62
4-Bromofluorobenzene
Concen: 53.97 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068491.D
Acq: 02 Mar 2021 12:53

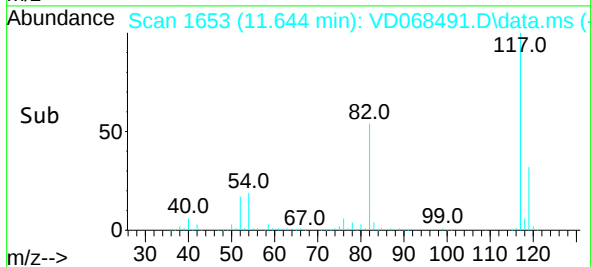
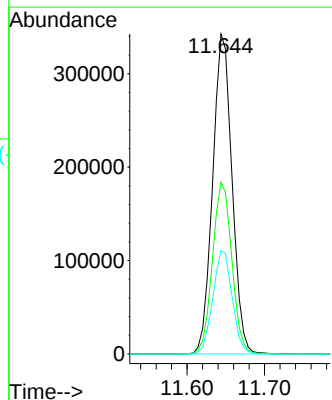
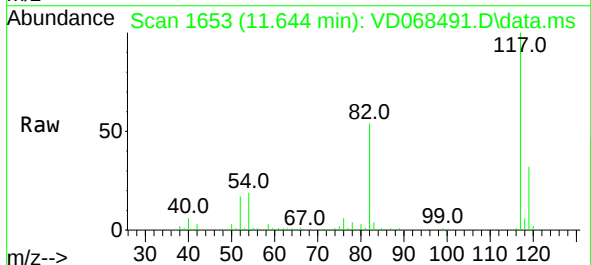
Instrument :
MSVOA_D
ClientSampled :

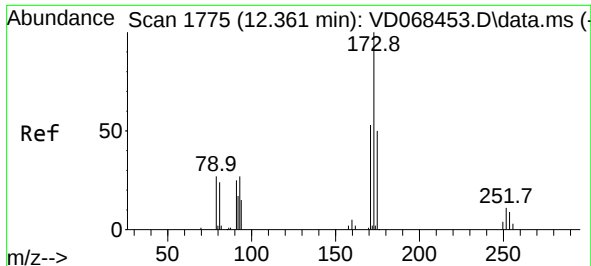
Tgt Ion: 95 Resp: 257355
Ion Ratio Lower Upper
95 100
174 86.3 0.0 172.4
176 81.8 0.0 168.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068491.D
Acq: 02 Mar 2021 12:53

Tgt Ion: 117 Resp: 594776
Ion Ratio Lower Upper
117 100
82 53.6 41.4 62.0
119 32.3 26.1 39.1

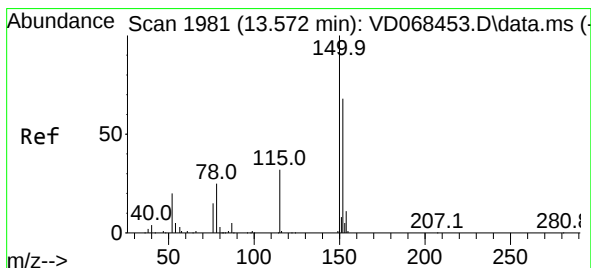
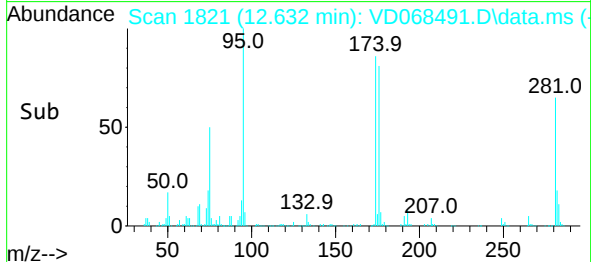
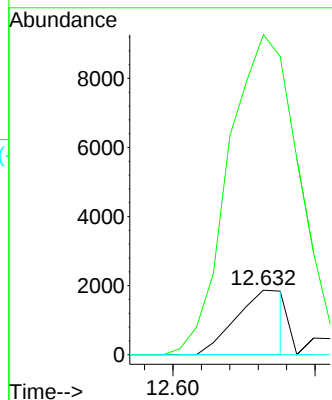
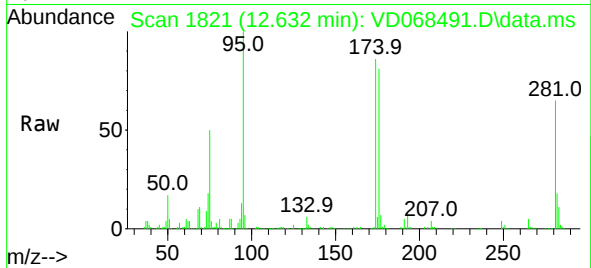




#71
Bromoform
Concen: 1.05 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.271 min
Lab File: VD068491.D
Acq: 02 Mar 2021 12:53

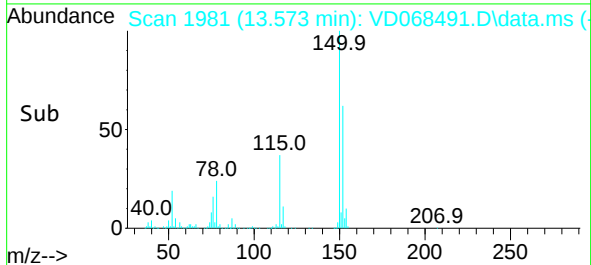
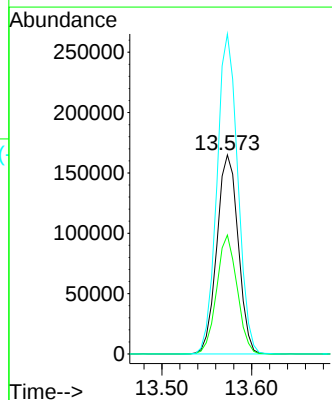
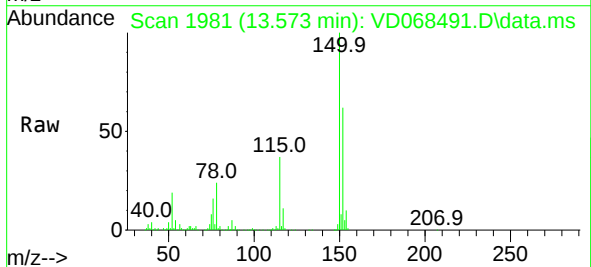
Instrument :
MSVOA_D
ClientSampleId :

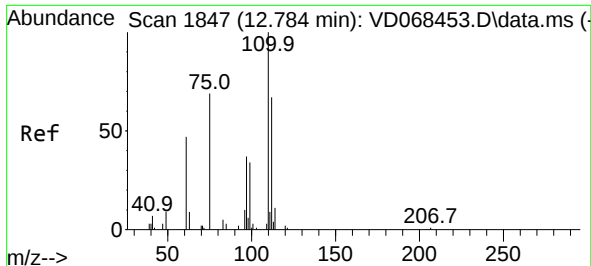
Tgt Ion:173 Resp: 2237
Ion Ratio Lower Upper
173 100
175 559.9 24.6 73.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.001 min
Lab File: VD068491.D
Acq: 02 Mar 2021 12:53

Tgt Ion:152 Resp: 272396
Ion Ratio Lower Upper
152 100
115 57.3 28.9 86.8
150 157.0 0.0 344.4

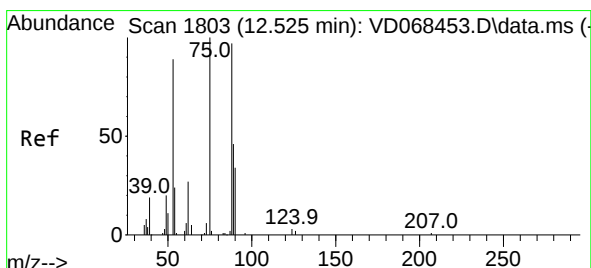
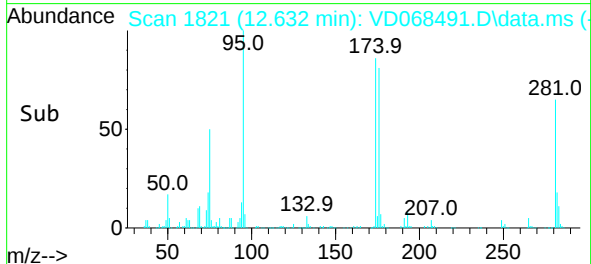
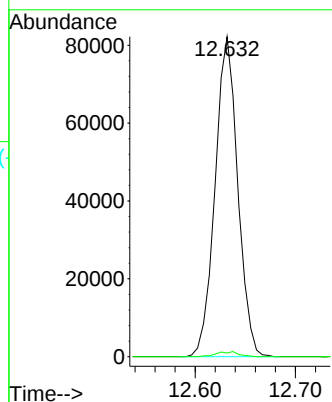
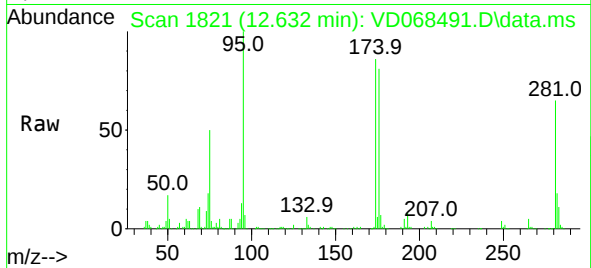




#76
1,2,3-Trichloropropane
Concen: 53.29 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.152 min
Lab File: VD068491.D
Acq: 02 Mar 2021 12:53

Instrument :
MSVOA_D
ClientSampled :

Tgt Ion: 75 Resp: 128862
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 124.36 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068491.D
Acq: 02 Mar 2021 12:53

Tgt Ion: 75 Resp: 128862
Ion Ratio Lower Upper
75 100
53 0.0 70.2 105.2#
89 0.6 40.3 60.5#

