

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012821\
 Data File : VD068223.D
 Acq On : 28 Jan 2021 15:12
 Operator : VA/SY
 Sample : M1255-11
 Misc : 6.59G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CRT-17

Quant Time: Jan 29 00:09:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 19 13:19:08 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.985	168	401272	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	713670	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	645056	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	271538	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	235521	61.36	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	122.72%
35) Dibromofluoromethane	7.920	113	214249	54.30	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.60%
50) Toluene-d8	10.343	98	888116	56.27	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	112.54%
62) 4-Bromofluorobenzene	12.632	95	283920	49.96	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.92%

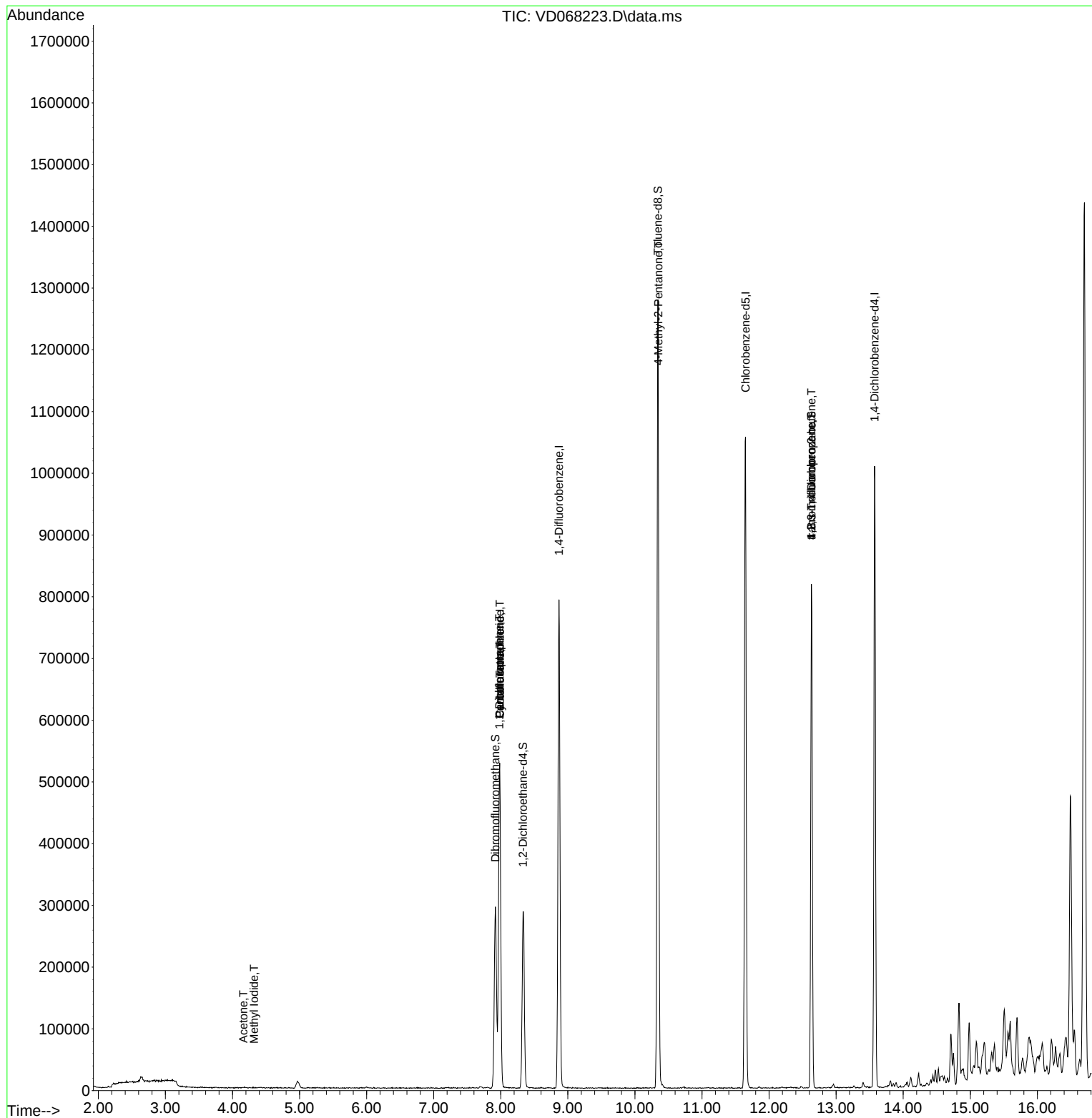
Target Compounds						Qvalue
10) Methyl Iodide	4.320	142	64	3.17	ug/l #	38
11) Tert butyl alcohol	5.214	59	58	Below	Cal #	74
16) Acetone	4.161	43	1262	1.84	ug/l #	44
20) Methylene Chloride	4.967	84	8388	Below	Cal #	84
31) Cyclohexane	7.985	56	8747	1.05	ug/l #	21
36) 1,1-Dichloropropene	7.979	75	32941	4.58	ug/l #	48
38) Carbon Tetrachloride	7.985	117	41108	6.10	ug/l #	17
51) 4-Methyl-2-Pentanone	10.349	43	4008	1.63	ug/l #	1
76) 1,2,3-Trichloropropane	12.632	75	145228	55.32	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	145228	111.93	ug/l #	13

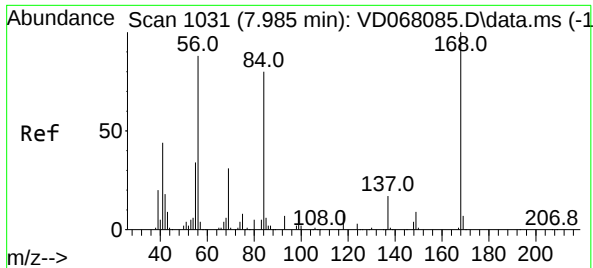
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012821\
Data File : VD068223.D
Acq On : 28 Jan 2021 15:12
Operator : VA/SY
Sample : M1255-11
Misc : 6.59G/5.00ml/MSVOA_D/SOIL
ALS Vial : 13 Sample Multiplier: 1

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MSVOA_D
ClientSampleId :
CRT-17

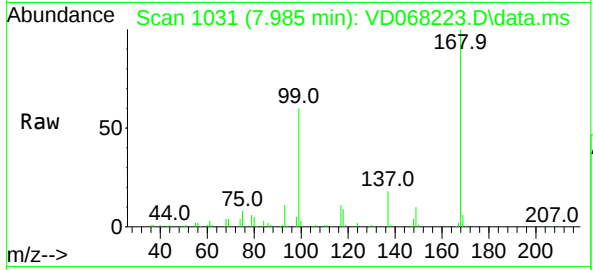
Quant Time: Jan 29 00:09:28 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 19 13:19:08 2021
Response via : Initial Calibration



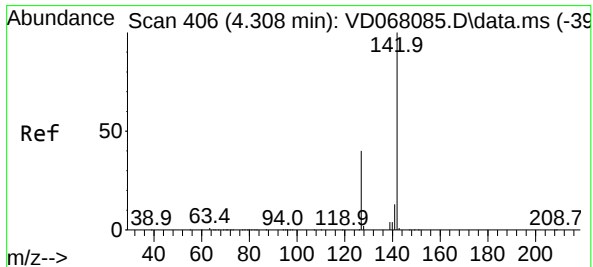
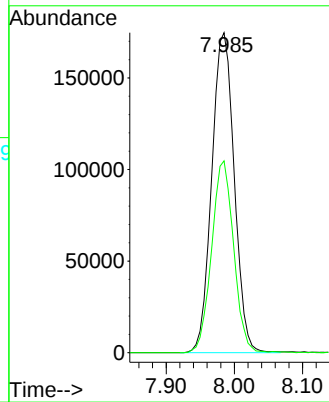
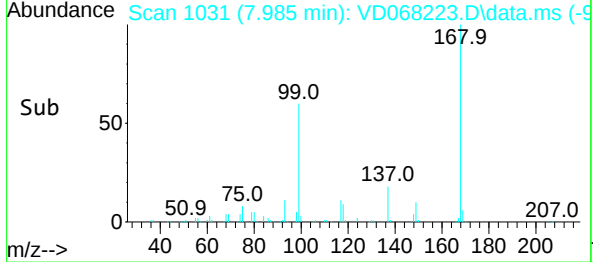


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068223.D
Acq: 28 Jan 2021 15:12

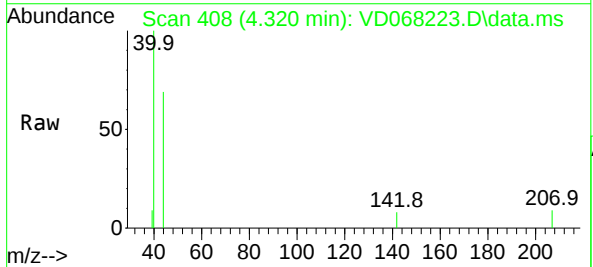
Instrument :
MSVOA_D
ClientSampled :
CRT-17



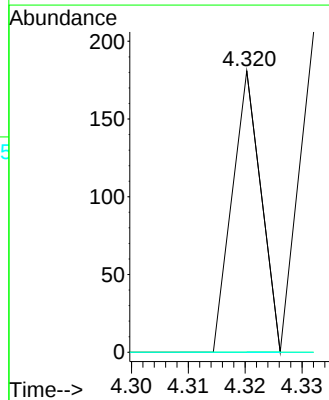
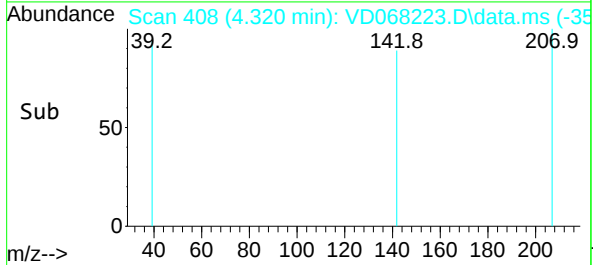
Tgt Ion:168 Resp: 401272
Ion Ratio Lower Upper
168 100
99 59.9 43.5 65.3



#10
Methyl Iodide
Concen: 3.17 ug/l
RT: 4.320 min Scan# 408
Delta R.T. 0.012 min
Lab File: VD068223.D
Acq: 28 Jan 2021 15:12



Tgt Ion:142 Resp: 64
Ion Ratio Lower Upper
142 100
127 0.0 37.9 56.9#
141 0.0 11.5 17.3#

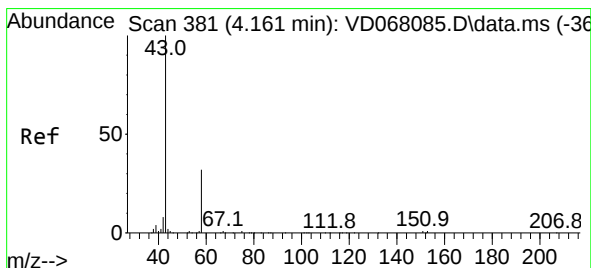
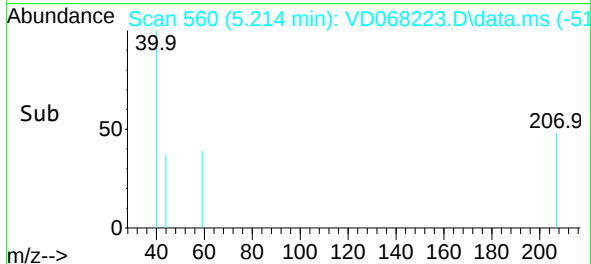
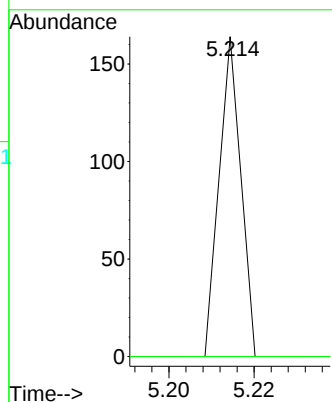
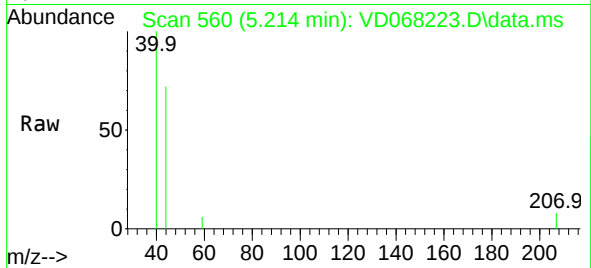




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.214 min Scan# 560
Delta R.T. -0.006 min
Lab File: VD068223.D
Acq: 28 Jan 2021 15:12

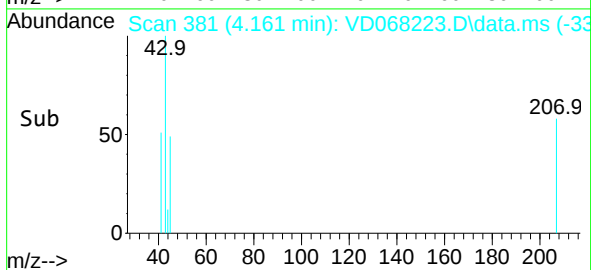
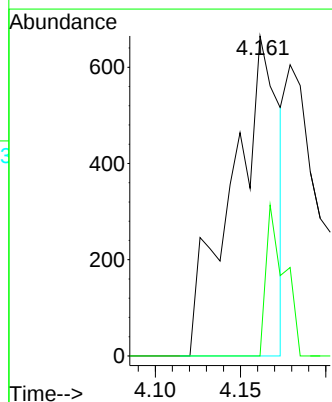
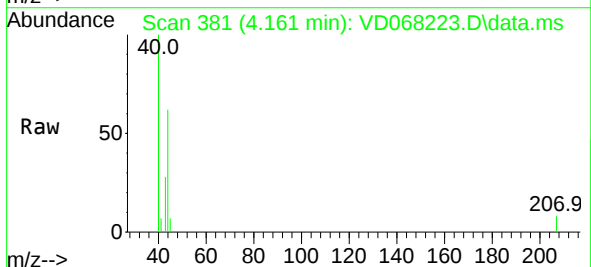
Instrument :
MSVOA_D
ClientSampleId :
CRT-17

Tgt Ion: 59 Resp: 58
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#



#16
Acetone
Concen: 1.84 ug/l
RT: 4.161 min Scan# 381
Delta R.T. 0.000 min
Lab File: VD068223.D
Acq: 28 Jan 2021 15:12

Tgt Ion: 43 Resp: 1262
Ion Ratio Lower Upper
43 100
58 0.0 24.2 36.4#

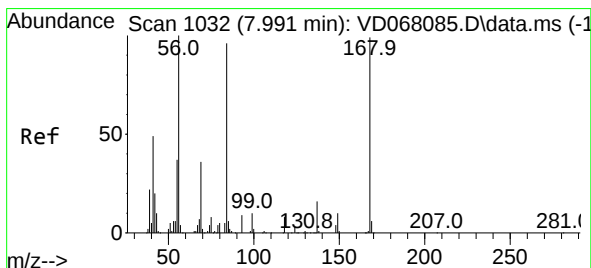
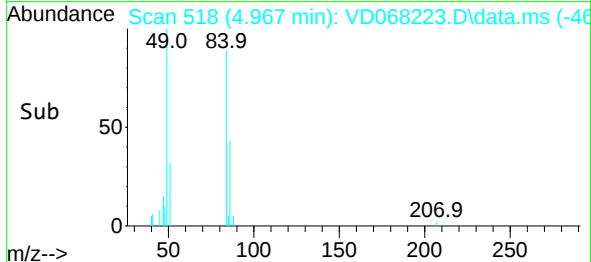
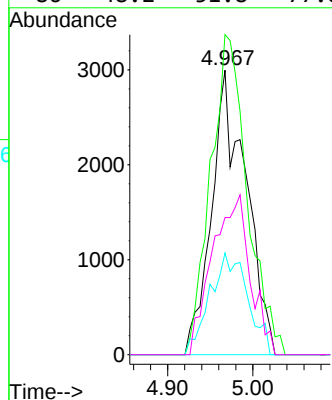
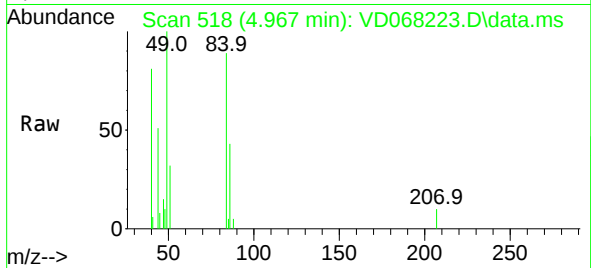




#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. -0.006 min
Lab File: VD068223.D
Acq: 28 Jan 2021 15:12

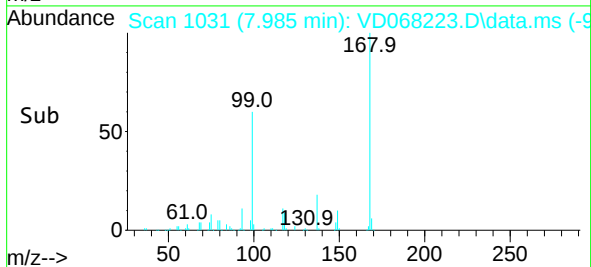
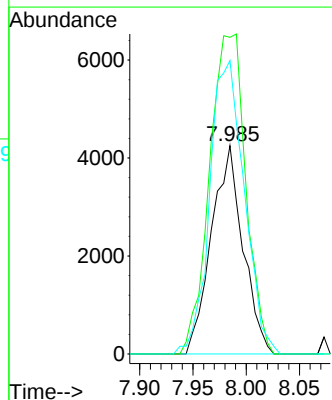
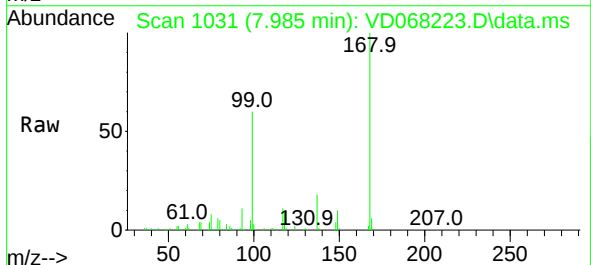
Instrument :
MSVOA_D
ClientSampleId :
CRT-17

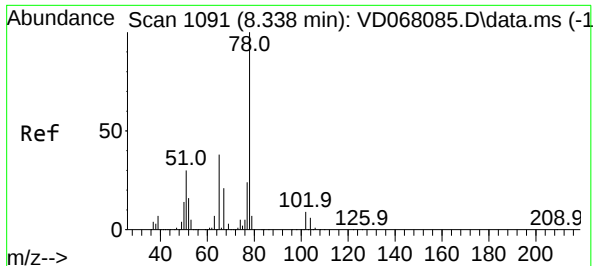
Tgt Ion:	84	Resp:	8388
Ion	Ratio	Lower	Upper
84	100		
49	112.5	77.4	116.2
51	35.7	26.1	39.1
86	48.2	51.8	77.8#



#31
Cyclohexane
Concen: 1.05 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD068223.D
Acq: 28 Jan 2021 15:12

Tgt Ion:	56	Resp:	8747
Ion	Ratio	Lower	Upper
56	100		
69	152.0	30.1	45.1#
84	140.9	82.1	123.1#

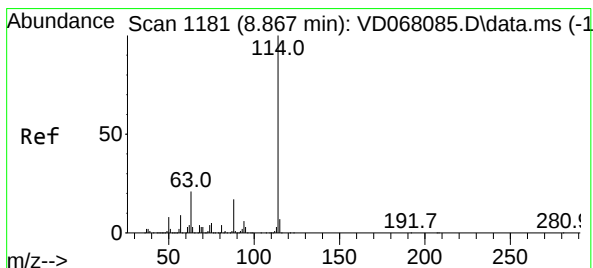
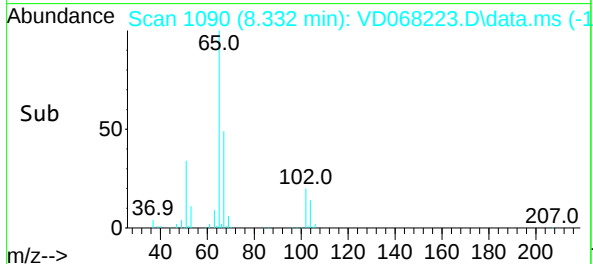
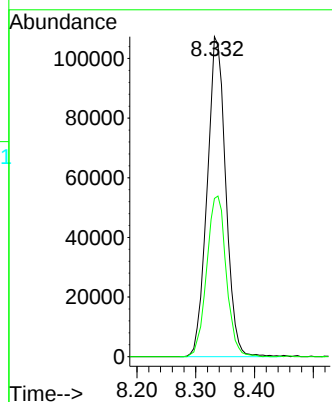
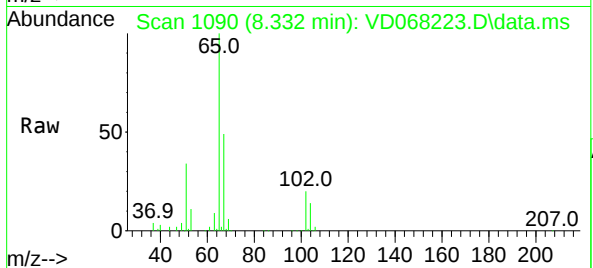




#33
1,2-Dichloroethane-d4
Concen: 61.36 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VD068223.D
Acq: 28 Jan 2021 15:12

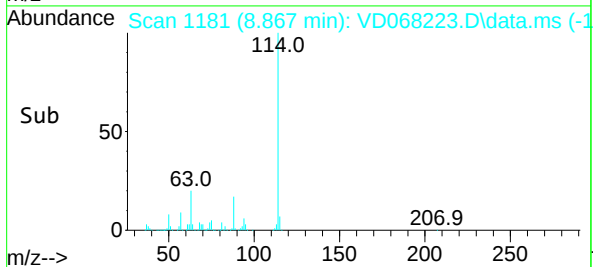
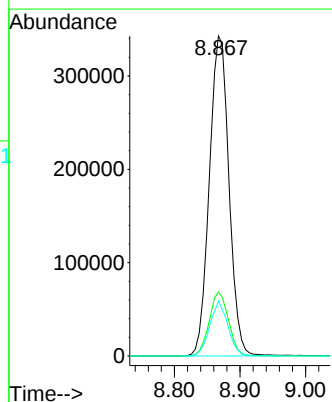
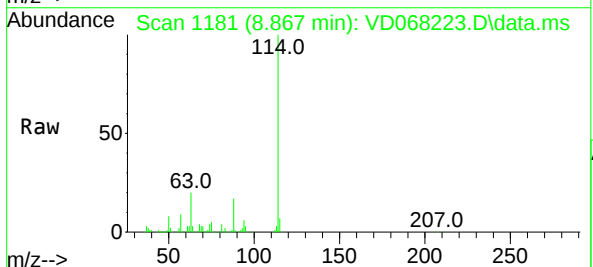
Instrument :
MSVOA_D
ClientSampleId :
CRT-17

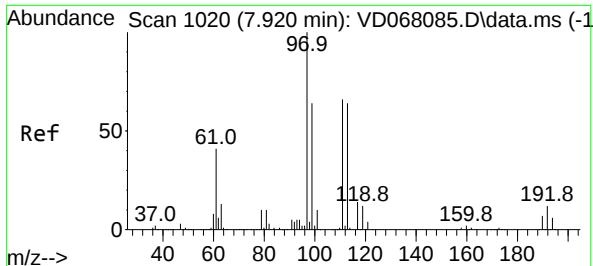
Tgt Ion: 65 Resp: 235521
Ion Ratio Lower Upper
65 100
67 52.8 0.0 105.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068223.D
Acq: 28 Jan 2021 15:12

Tgt Ion: 114 Resp: 713670
Ion Ratio Lower Upper
114 100
63 20.0 0.0 34.8
88 17.1 0.0 31.6

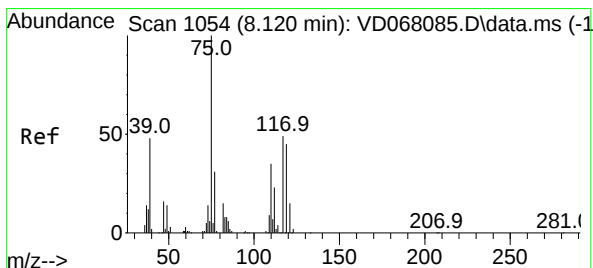
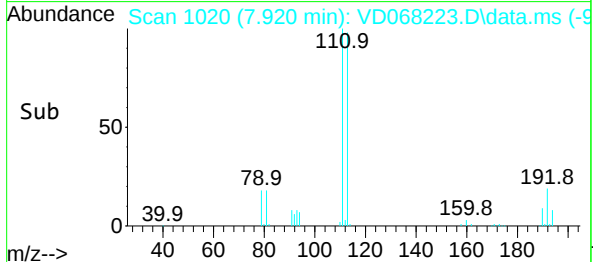
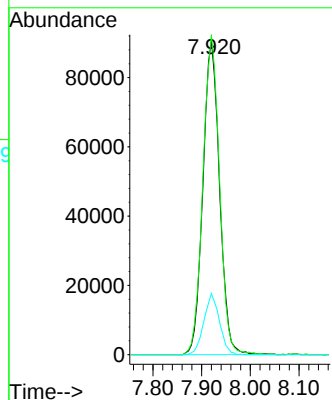
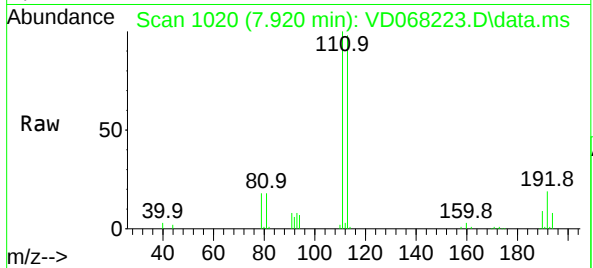




#35
Dibromofluoromethane
Concen: 54.30 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068223.D
Acq: 28 Jan 2021 15:12

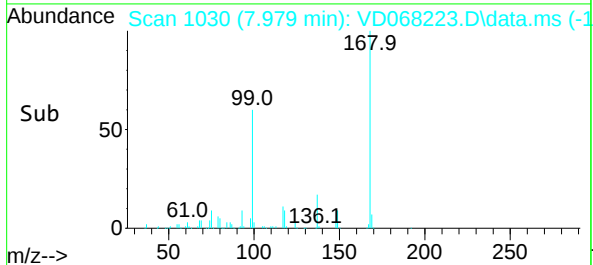
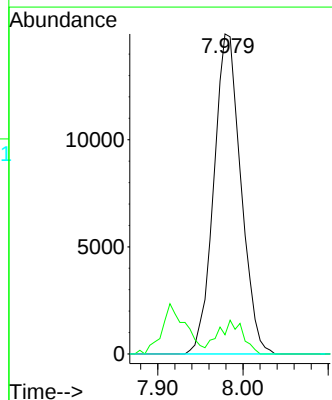
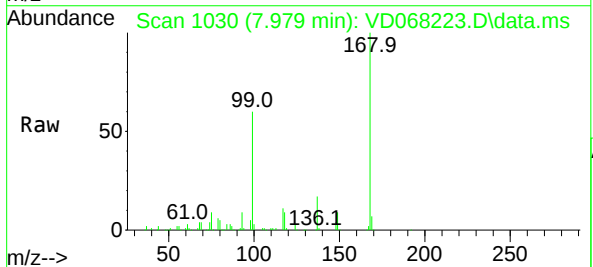
Instrument :
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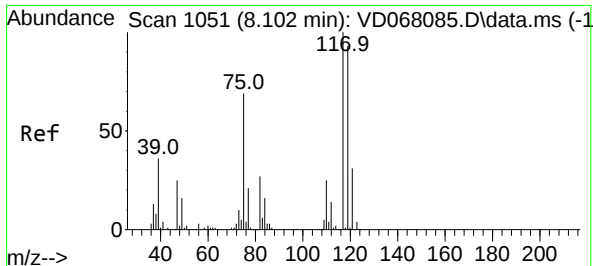
Tgt Ion:113 Resp: 214249
Ion Ratio Lower Upper
113 100
111 102.1 81.4 122.0
192 18.2 16.1 24.1



#36
1,1-Dichloropropene
Concen: 4.58 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.141 min
Lab File: VD068223.D
Acq: 28 Jan 2021 15:12

Tgt Ion: 75 Resp: 32941
Ion Ratio Lower Upper
75 100
110 9.6 19.4 58.2#
77 0.0 25.3 37.9#

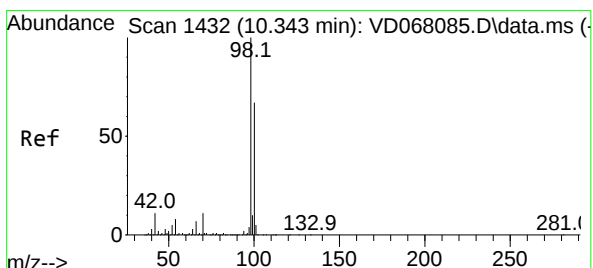
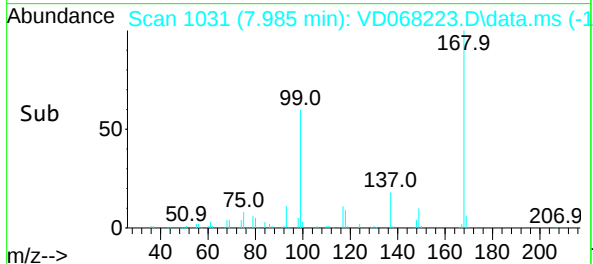
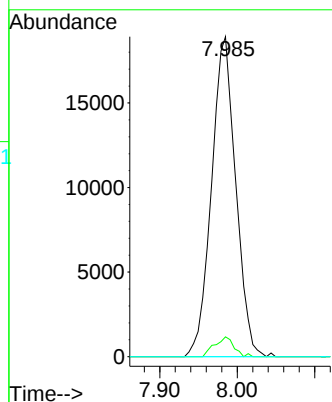
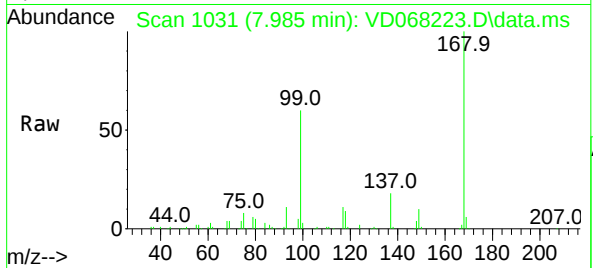




#38
Carbon Tetrachloride
Concen: 6.10 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.118 min
Lab File: VD068223.D
Acq: 28 Jan 2021 15:12

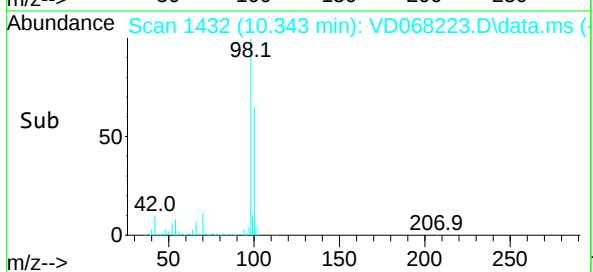
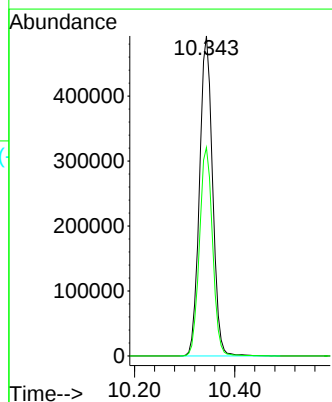
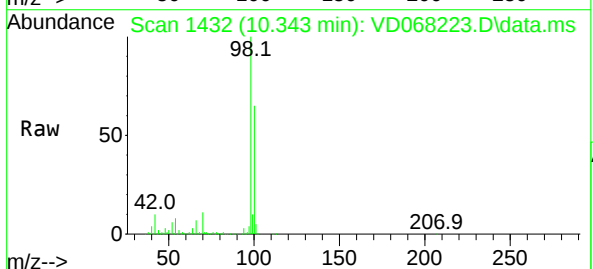
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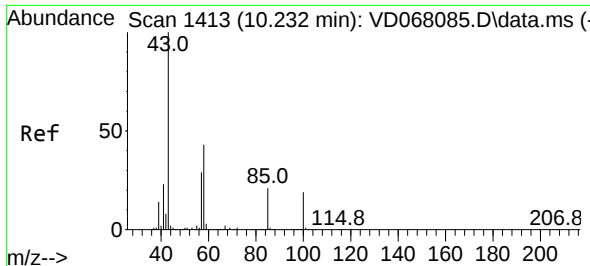
Tgt Ion:117 Resp: 41108
Ion Ratio Lower Upper
117 100
119 6.2 77.3 115.9#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 56.27 ug/l
RT: 10.343 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068223.D
Acq: 28 Jan 2021 15:12

Tgt Ion: 98 Resp: 888116
Ion Ratio Lower Upper
98 100
100 65.6 53.0 79.4

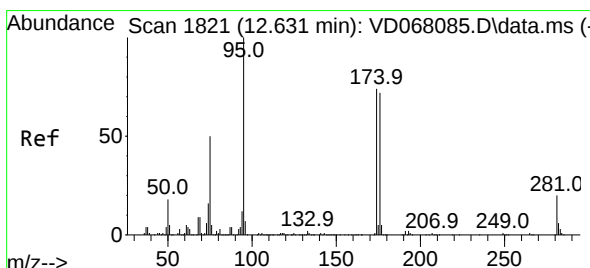
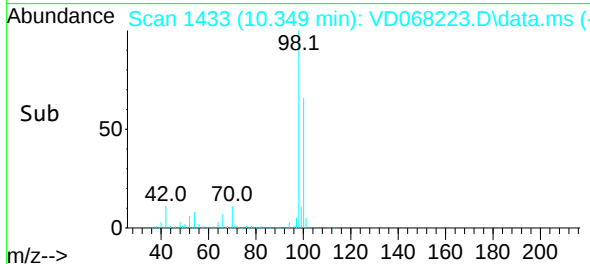
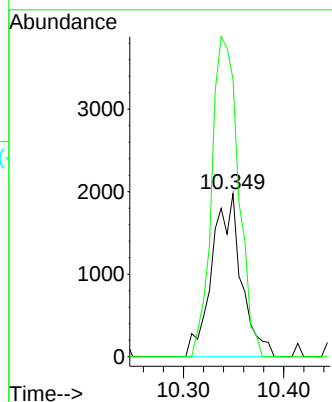
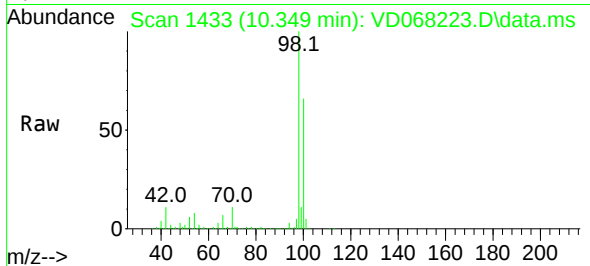




#51
4-Methyl-2-Pentanone
Concen: 1.63 ug/l
RT: 10.349 min Scan# 1433
Delta R.T. 0.118 min
Lab File: VD068223.D
Acq: 28 Jan 2021 15:12

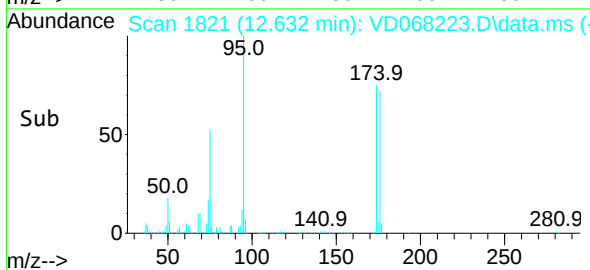
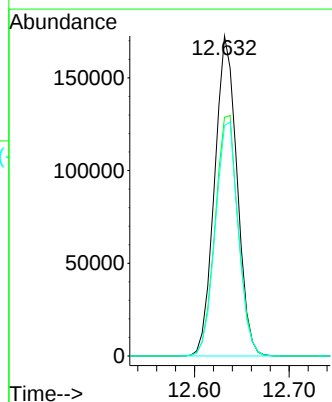
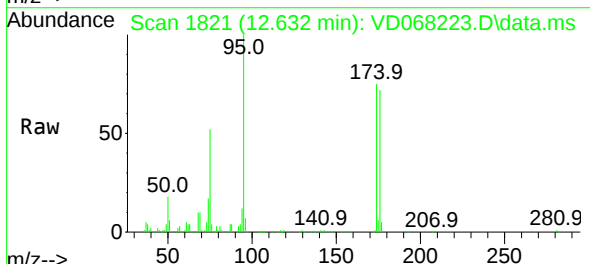
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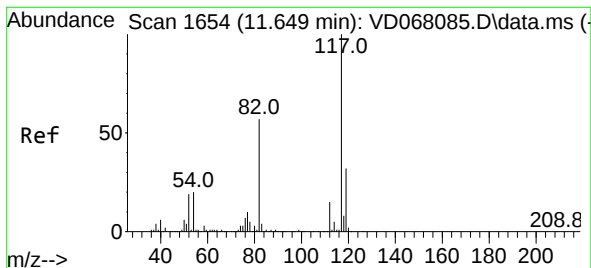
Tgt Ion: 43 Resp: 4008
Ion Ratio Lower Upper
43 100
58 180.2 36.1 54.1#



#62
4-Bromofluorobenzene
Concen: 49.96 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068223.D
Acq: 28 Jan 2021 15:12

Tgt Ion: 95 Resp: 283920
Ion Ratio Lower Upper
95 100
174 77.3 0.0 172.4
176 74.9 0.0 168.4

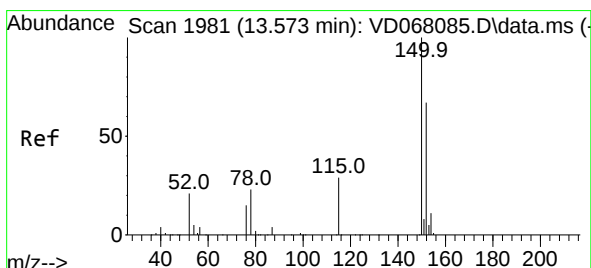
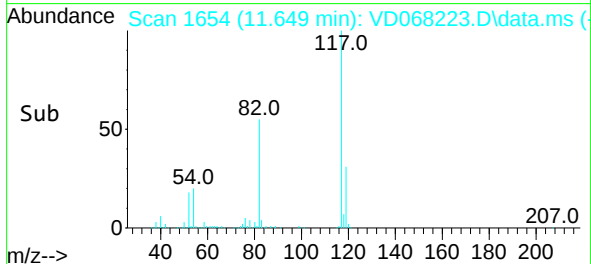
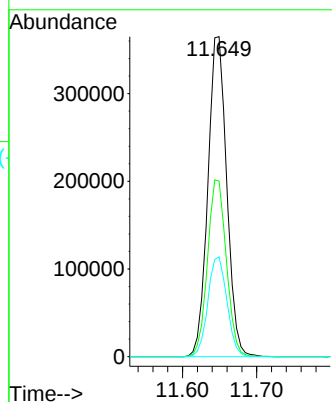
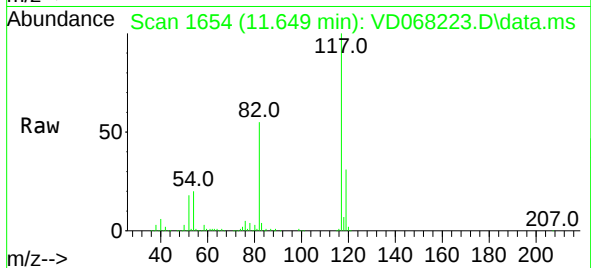




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.649 min Scan# 1654
Delta R.T. 0.000 min
Lab File: VD068223.D
Acq: 28 Jan 2021 15:12

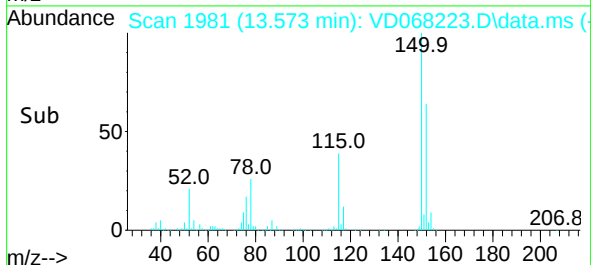
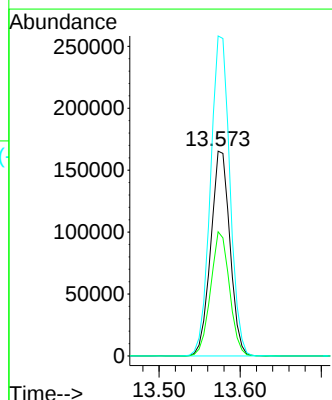
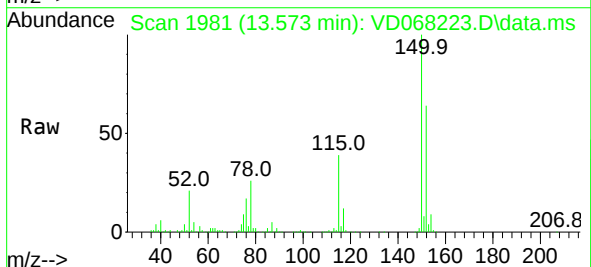
Instrument :
MSVOA_D
ClientSampleId :
CRT-17

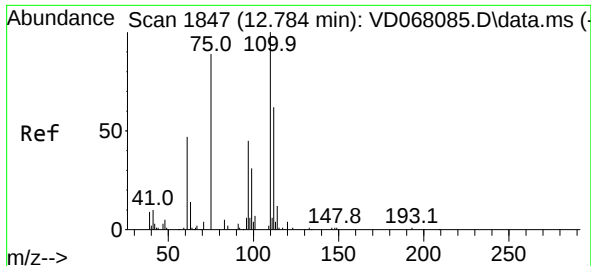
Tgt Ion:117 Resp: 645056
Ion Ratio Lower Upper
117 100
82 54.9 41.4 62.0
119 31.2 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD068223.D
Acq: 28 Jan 2021 15:12

Tgt Ion:152 Resp: 271538
Ion Ratio Lower Upper
152 100
115 59.6 28.9 86.8
150 158.0 0.0 344.4

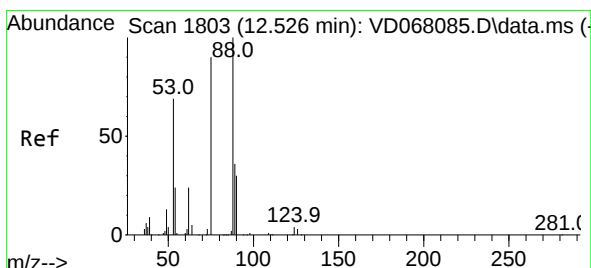
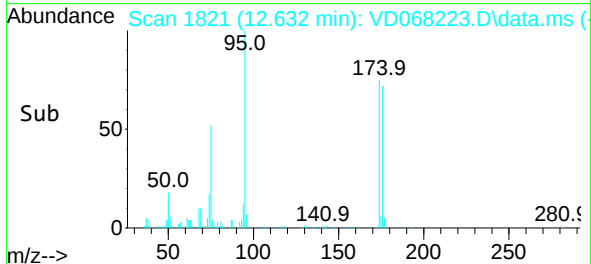
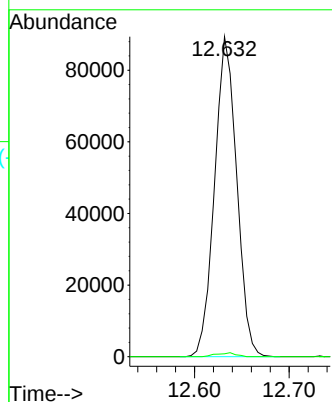
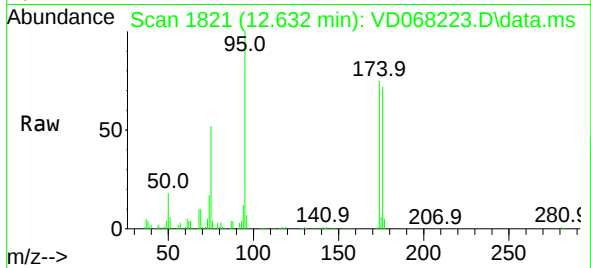




#76
1,2,3-Trichloropropane
Concen: 55.32 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD068223.D
Acq: 28 Jan 2021 15:12

Instrument :
MSVOA_D
ClientSampled :
CRT-17

Tgt Ion: 75 Resp: 145228
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 111.93 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068223.D
Acq: 28 Jan 2021 15:12

Tgt Ion: 75 Resp: 145228
Ion Ratio Lower Upper
75 100
53 0.0 70.2 105.2#
89 0.0 40.3 60.5#

