

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040821\
 Data File : VD068792.D
 Acq On : 08 Apr 2021 16:36
 Operator : VA/SY
 Sample : M1908-07
 Misc : 5.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 09 01:03:28 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)

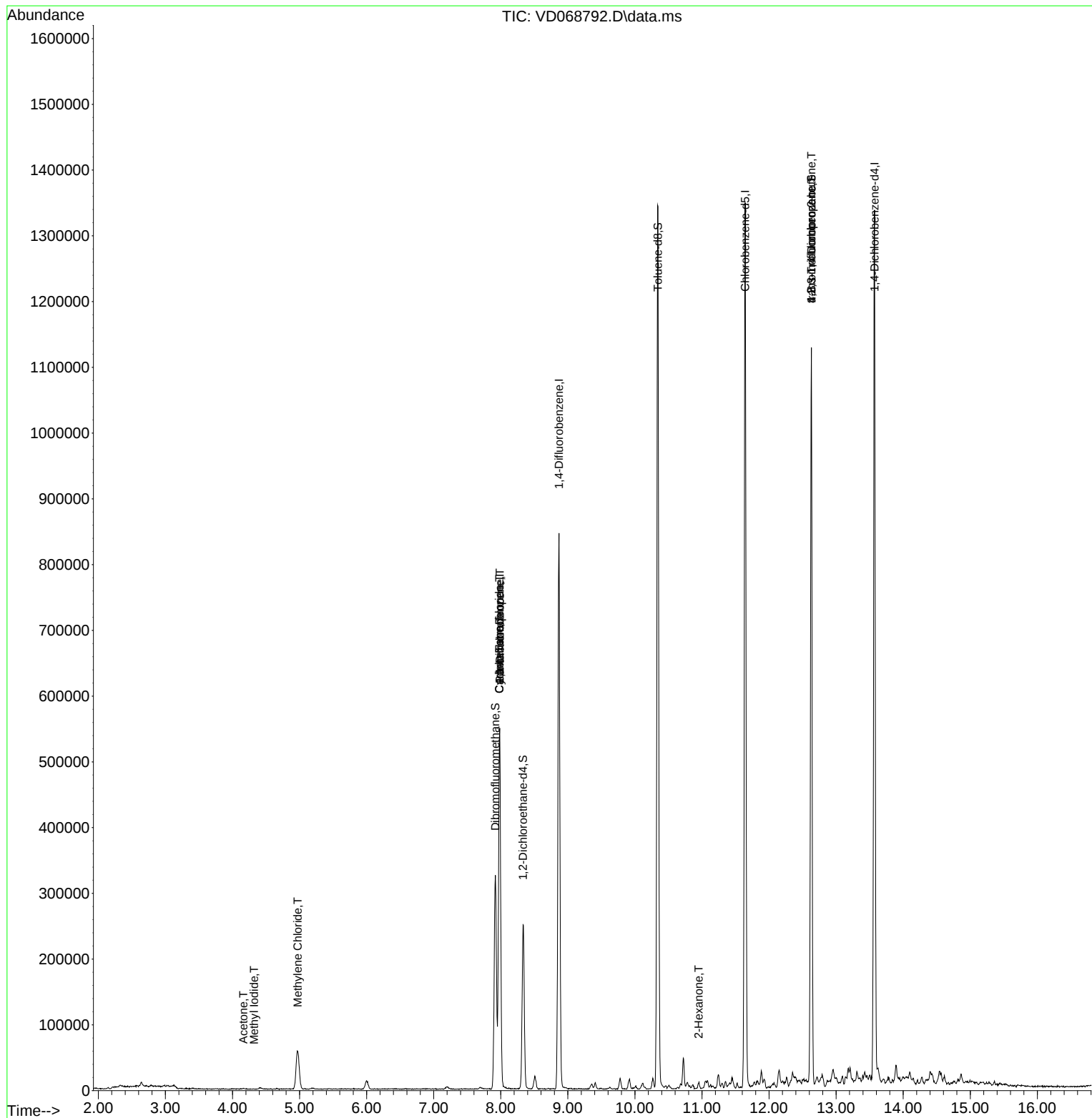
Internal Standards						
1) Pentafluorobenzene	7.985	168	428654	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	766916	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	806978	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	375619	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	199495	44.04	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	88.08%		
35) Dibromofluoromethane	7.920	113	240116	48.14	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	96.28%		
50) Toluene-d8	10.343	98	979280	52.04	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	104.08%		
62) 4-Bromofluorobenzene	12.631	95	358892	57.42	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	114.84%		
Target Compounds						Qvalue
10) Methyl Iodide	4.320	142	313	2.30	ug/l #	41
11) Tert butyl alcohol	5.208	59	441	Below Cal	#	73
16) Acetone	4.161	43	2150	3.43	ug/l #	78
20) Methylene Chloride	4.973	84	54490	6.54	ug/l	91
31) Cyclohexane	7.979	56	8482	1.13	ug/l #	1
36) 1,1-Dichloropropene	7.985	75	30836	3.97	ug/l #	49
38) Carbon Tetrachloride	7.979	117	40471	5.27	ug/l #	18
59) 2-Hexanone	10.949	43	2872	1.83	ug/l #	19
76) 1,2,3-Trichloropropane	12.631	75	174028	50.71	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.631	75	174028	117.69	ug/l #	16

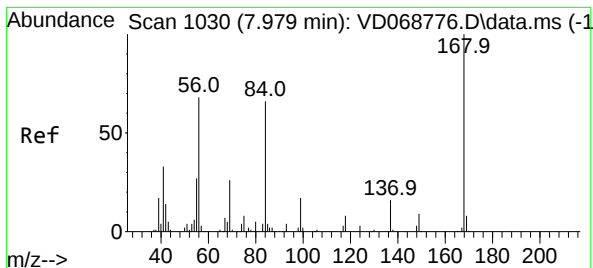
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040821\
Data File : VD068792.D
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Sample : M1908-07
Misc : 5.06G/5.00ml/MSVOA_D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Apr 09 01:03:28 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

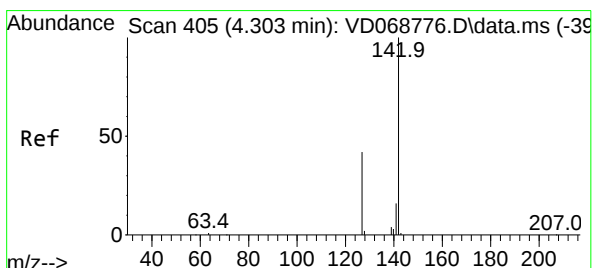
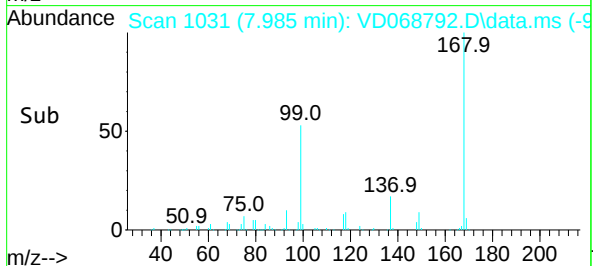
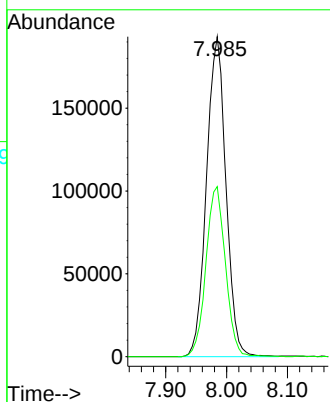
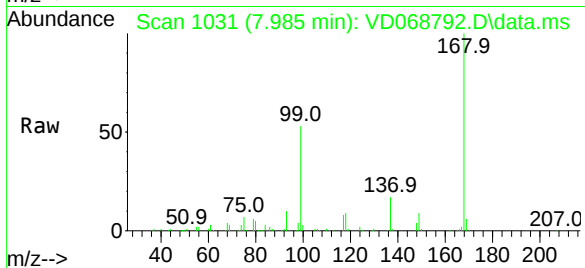




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VD068792.D
Acq: 08 Apr 2021 16:36

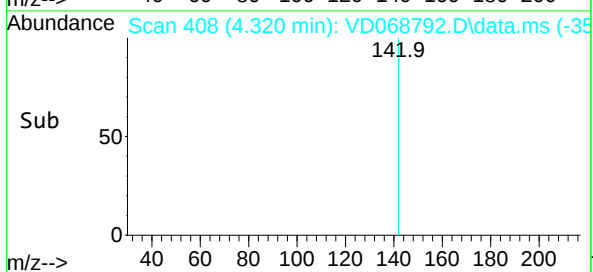
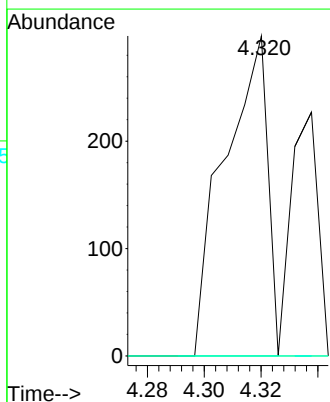
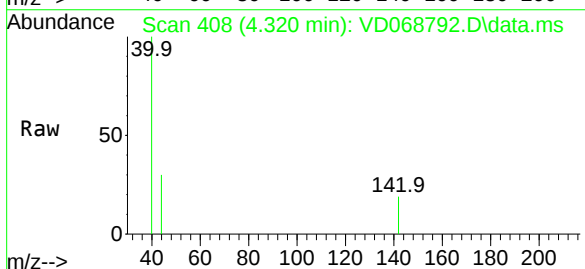
Instrument :
MSVOA_D
ClientSampleId :

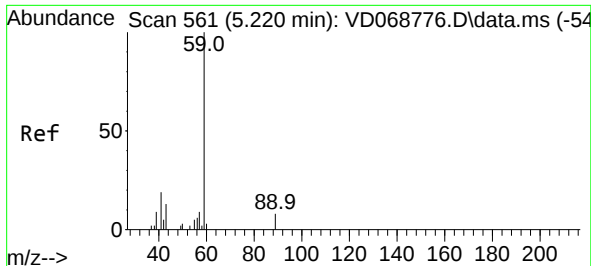
Tgt Ion:168 Resp: 428654
Ion Ratio Lower Upper
168 100
99 53.2 46.2 69.2



#10
Methyl Iodide
Concen: 2.30 ug/l
RT: 4.320 min Scan# 408
Delta R.T. 0.017 min
Lab File: VD068792.D
Acq: 08 Apr 2021 16:36

Tgt Ion:142 Resp: 313
Ion Ratio Lower Upper
142 100
127 0.0 34.7 52.1#
141 0.0 11.0 16.4#



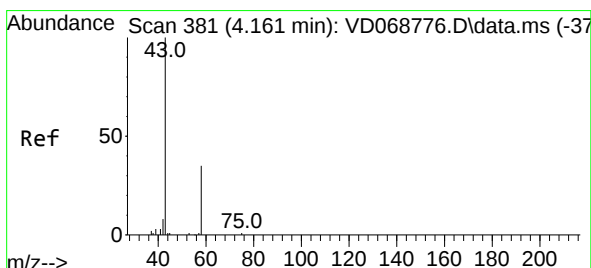
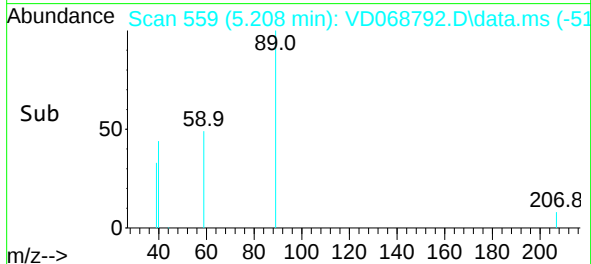
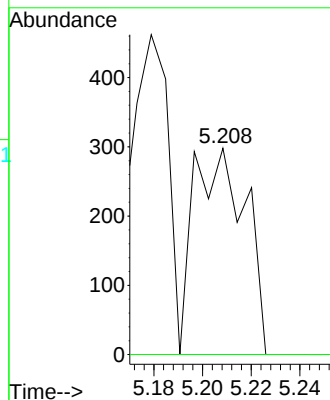
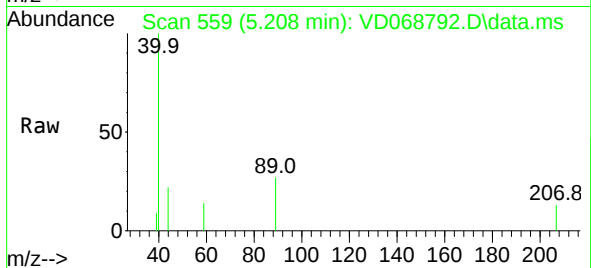


#11

Tert butyl alcohol
Concen: Below Cal
RT: 5.208 min Scan# 559
Delta R.T. -0.012 min
Lab File: VD068792.D
Acq: 08 Apr 2021 16:36

Instrument :
MSVOA_D
ClientSampled :

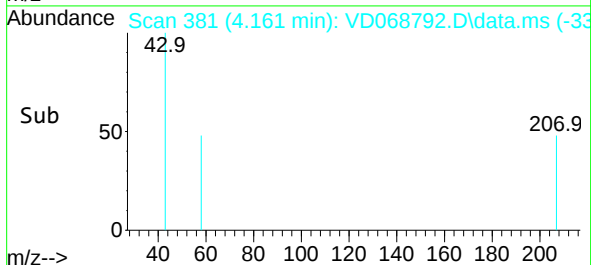
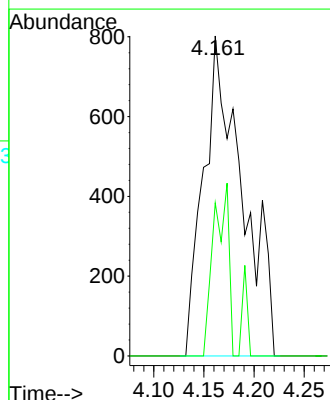
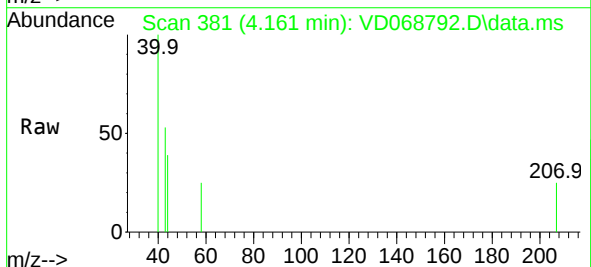
Tgt Ion: 59 Resp: 441
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

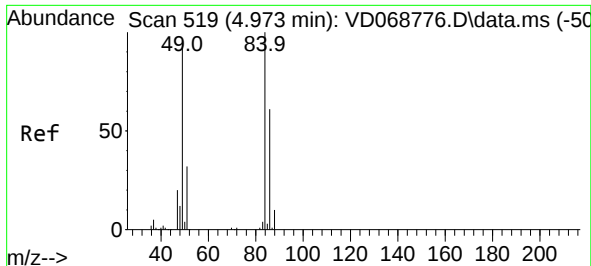


#16

Acetone
Concen: 3.43 ug/l
RT: 4.161 min Scan# 381
Delta R.T. 0.000 min
Lab File: VD068792.D
Acq: 08 Apr 2021 16:36

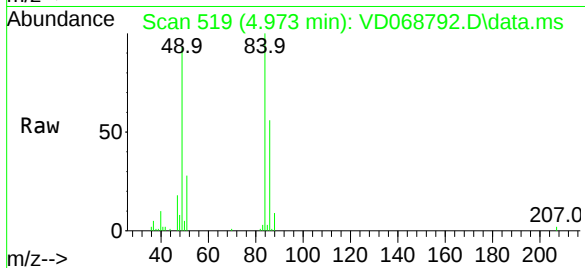
Tgt Ion: 43 Resp: 2150
Ion Ratio Lower Upper
43 100
58 47.9 28.0 42.0#



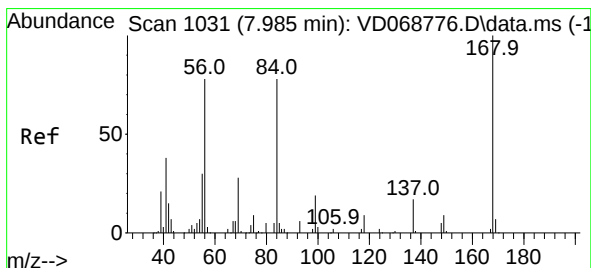
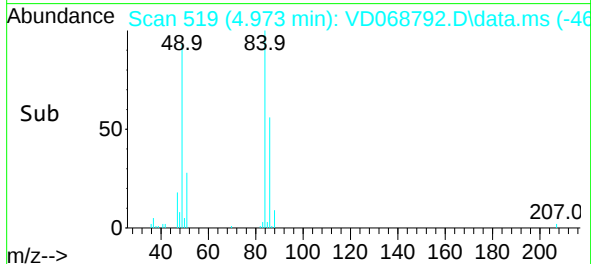
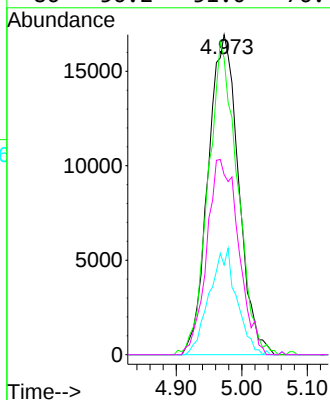


#20
Methylene Chloride
Concen: 6.54 ug/l
RT: 4.973 min Scan# 519
Delta R.T. 0.000 min
Lab File: VD068792.D
Acq: 08 Apr 2021 16:36

Instrument :
MSVOA_D
ClientSampled :

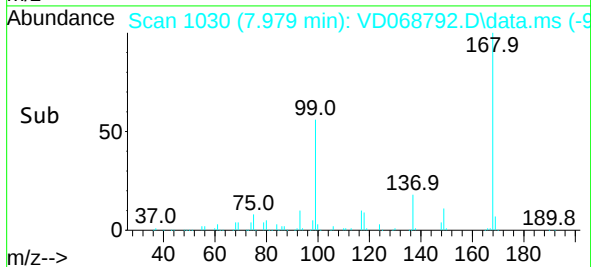
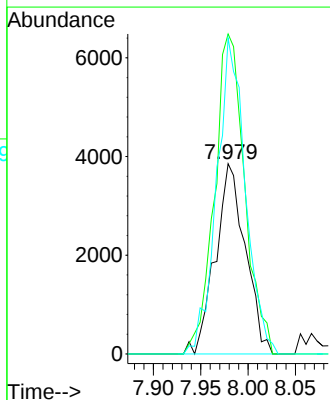
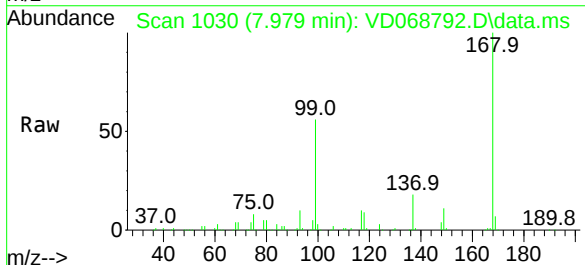


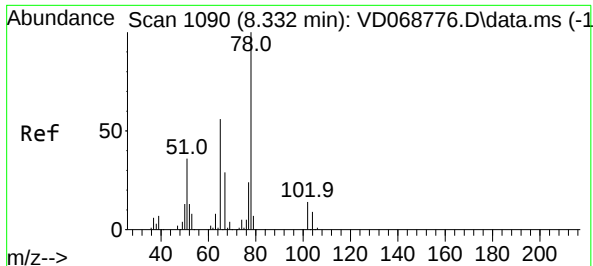
Tgt Ion:	84	Resp:	54490
Ion	Ratio	Lower	Upper
84	100		
49	92.6	83.4	125.0
51	28.0	23.4	35.2
86	56.2	51.0	76.4



#31
Cyclohexane
Concen: 1.13 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068792.D
Acq: 08 Apr 2021 16:36

Tgt Ion:	56	Resp:	8482
Ion	Ratio	Lower	Upper
56	100		
69	168.2	30.0	45.0#
84	166.0	82.0	123.0#

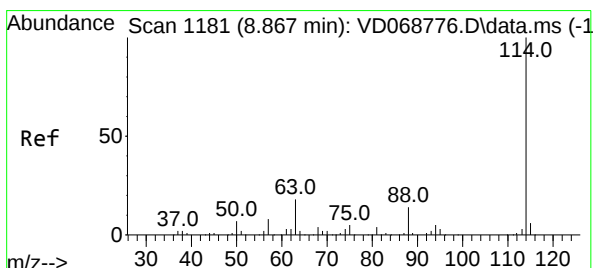
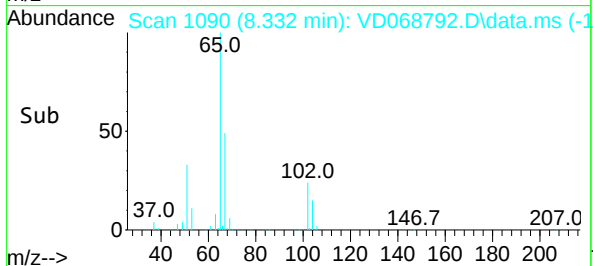
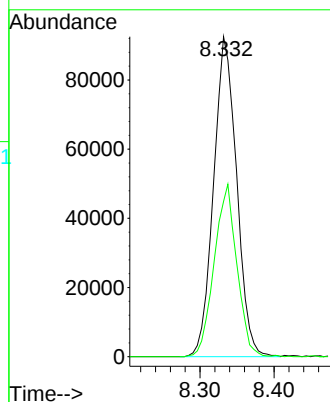
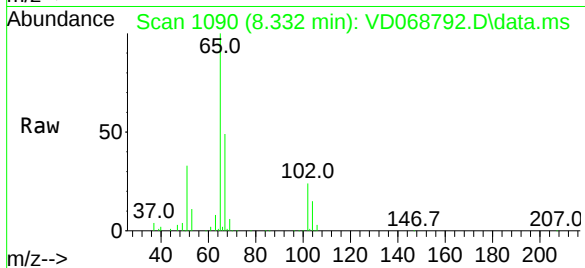




#33
1,2-Dichloroethane-d4
Concen: 44.04 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068792.D
Acq: 08 Apr 2021 16:36

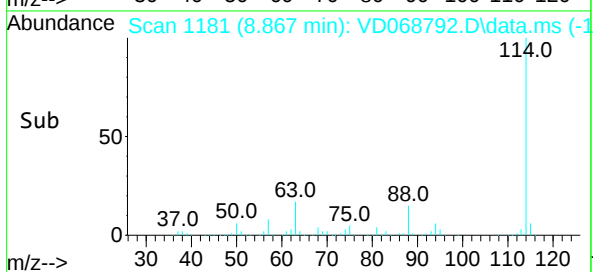
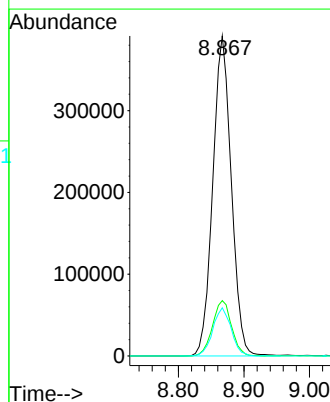
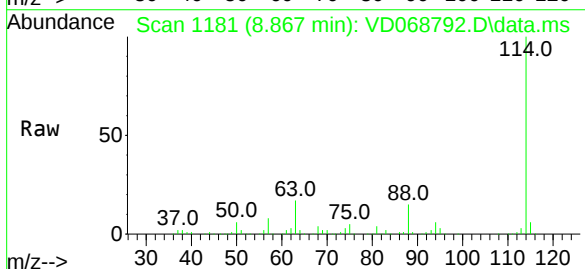
Instrument :
MSVOA_D
ClientSampled :

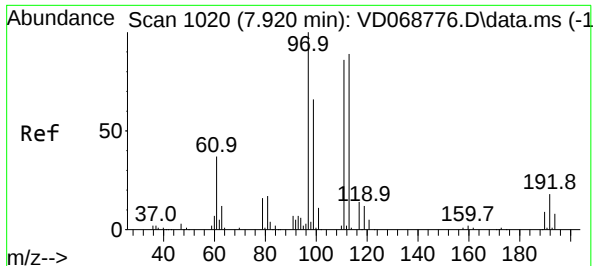
Tgt Ion: 65 Resp: 199495
Ion Ratio Lower Upper
65 100
67 53.1 0.0 106.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. -0.000 min
Lab File: VD068792.D
Acq: 08 Apr 2021 16:36

Tgt Ion: 114 Resp: 766916
Ion Ratio Lower Upper
114 100
63 17.3 0.0 38.2
88 15.1 0.0 29.4

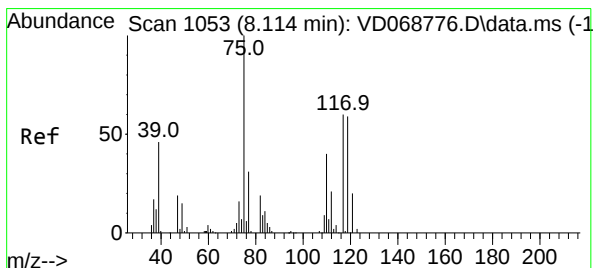
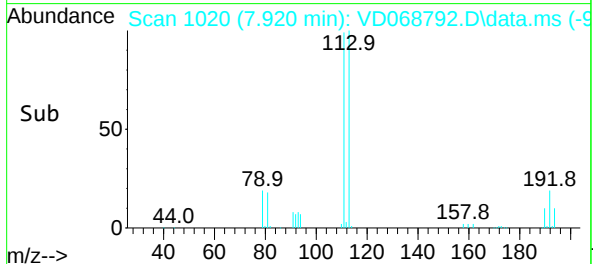
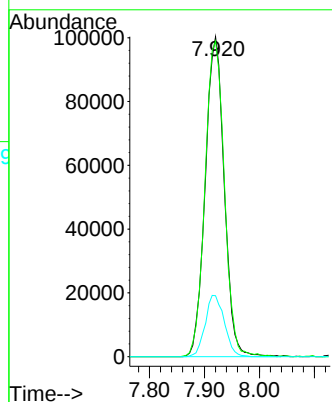
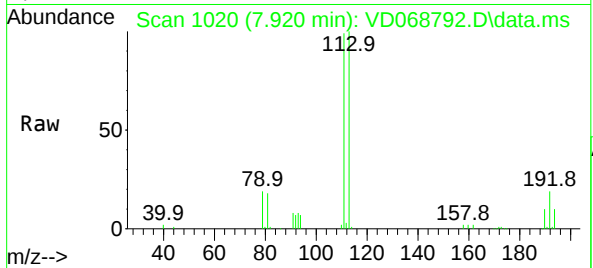




#35
Dibromofluoromethane
Concen: 48.14 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. -0.000 min
Lab File: VD068792.D
Acq: 08 Apr 2021 16:36

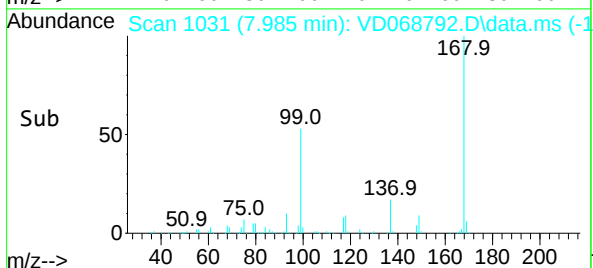
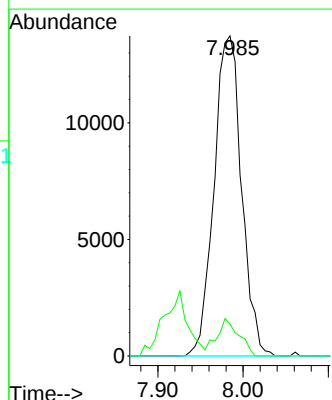
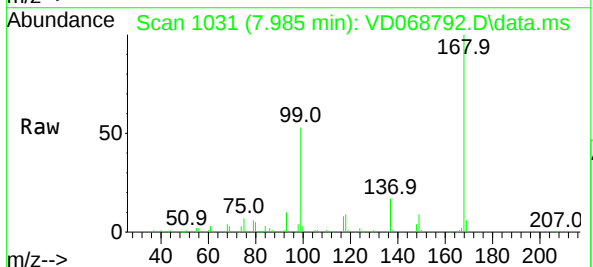
Instrument :
MSVOA_D
ClientSampled :

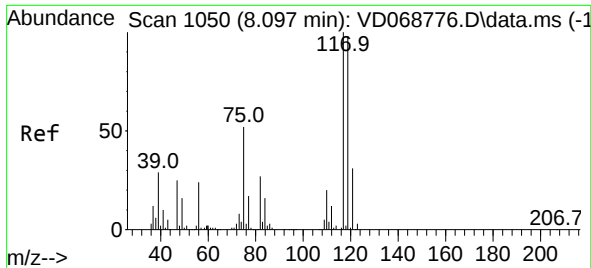
Tgt Ion:113 Resp: 240116
Ion Ratio Lower Upper
113 100
111 100.9 82.5 123.7
192 19.4 15.1 22.7



#36
1,1-Dichloropropene
Concen: 3.97 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.129 min
Lab File: VD068792.D
Acq: 08 Apr 2021 16:36

Tgt Ion: 75 Resp: 30836
Ion Ratio Lower Upper
75 100
110 9.3 18.1 54.4#
77 0.0 24.7 37.1#

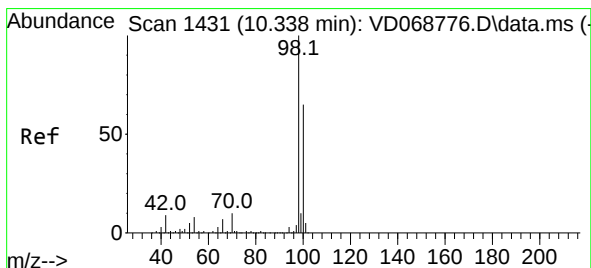
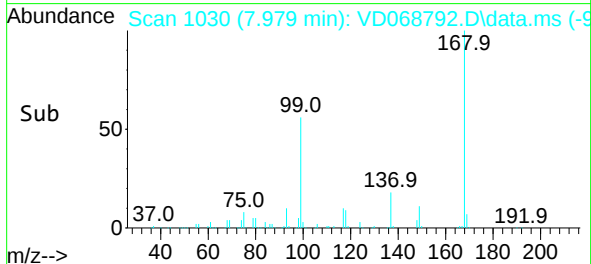
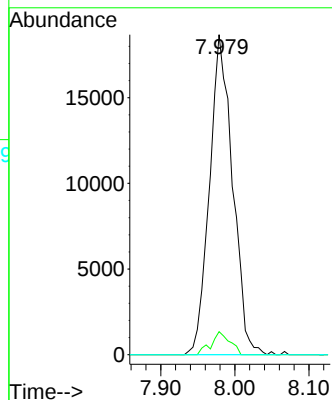
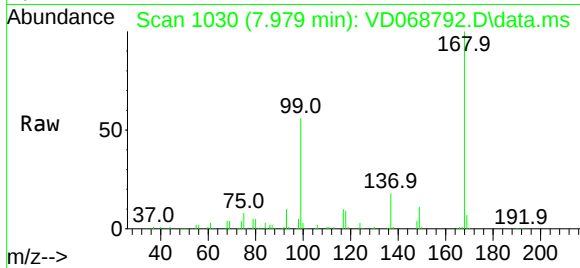




#38
Carbon Tetrachloride
Concen: 5.27 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD068792.D
Acq: 08 Apr 2021 16:36

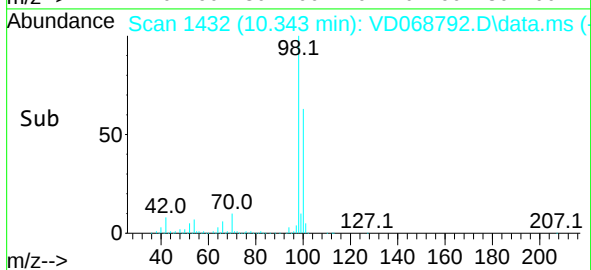
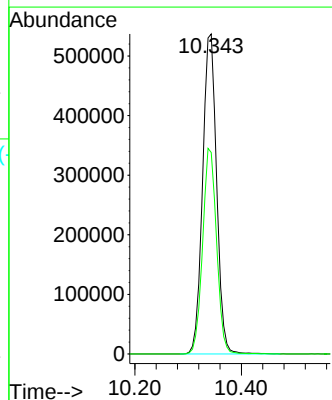
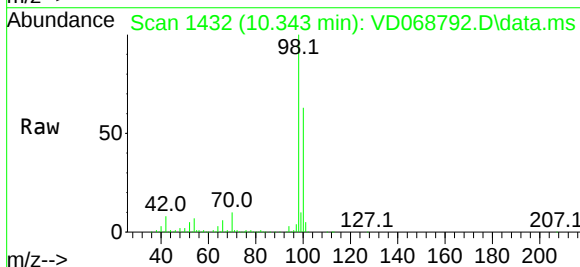
Instrument :
MSVOA_D
ClientSampled :

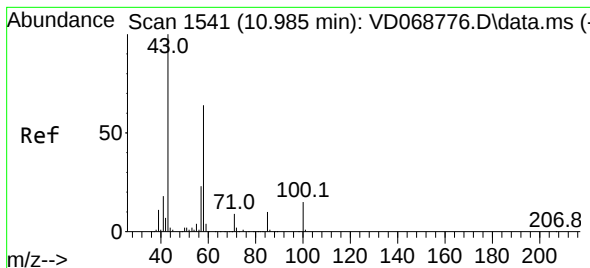
Tgt Ion:117 Resp: 40471
Ion Ratio Lower Upper
117 100
119 7.2 76.6 115.0#
121 0.0 26.1 39.1#



#50
Toluene-d8
Concen: 52.04 ug/l
RT: 10.343 min Scan# 1432
Delta R.T. 0.005 min
Lab File: VD068792.D
Acq: 08 Apr 2021 16:36

Tgt Ion: 98 Resp: 979280
Ion Ratio Lower Upper
98 100
100 63.9 51.8 77.6

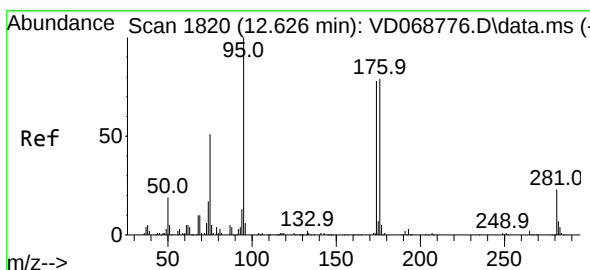
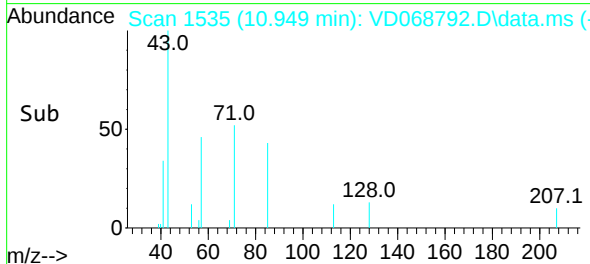
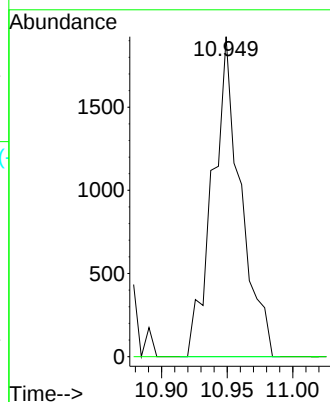
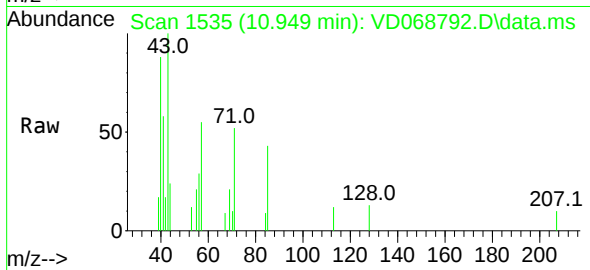




#59
2-Hexanone
Concen: 1.83 ug/l
RT: 10.949 min Scan# 1535
Delta R.T. -0.036 min
Lab File: VD068792.D
Acq: 08 Apr 2021 16:36

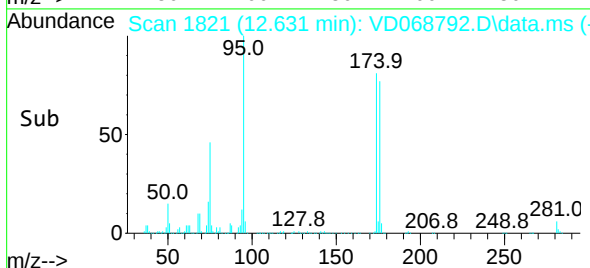
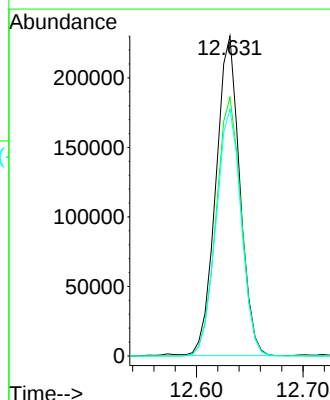
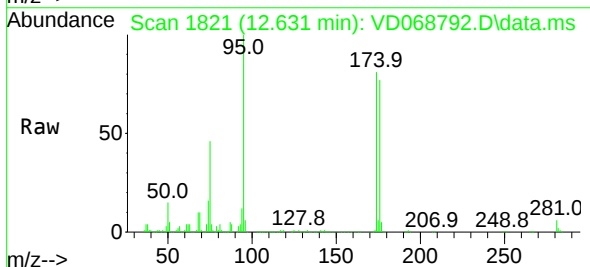
Instrument :
MSVOA_D
ClientSampled :

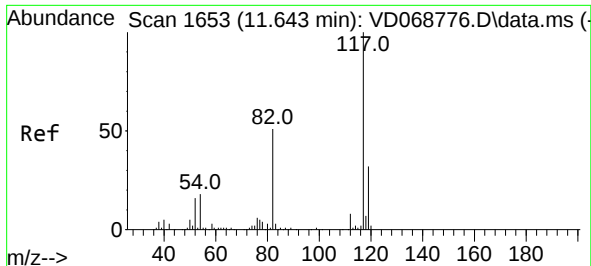
Tgt Ion: 43 Resp: 2872
Ion Ratio Lower Upper
43 100
58 0.0 31.3 93.8#



#62
4-Bromofluorobenzene
Concen: 57.42 ug/l
RT: 12.631 min Scan# 1821
Delta R.T. 0.005 min
Lab File: VD068792.D
Acq: 08 Apr 2021 16:36

Tgt Ion: 95 Resp: 358892
Ion Ratio Lower Upper
95 100
174 84.4 0.0 168.0
176 81.0 0.0 160.2

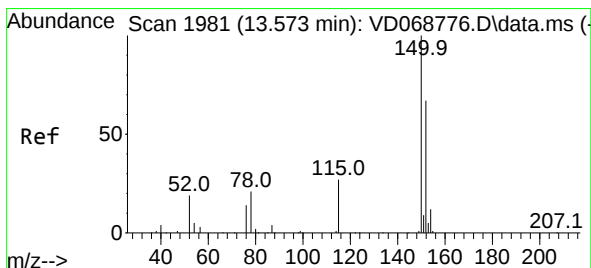
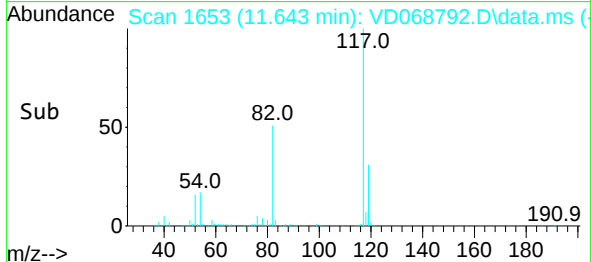
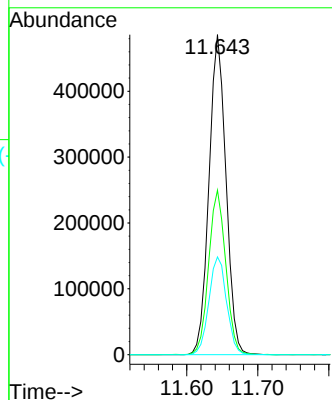
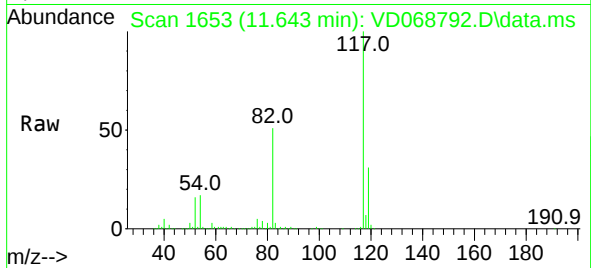




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068792.D
Acq: 08 Apr 2021 16:36

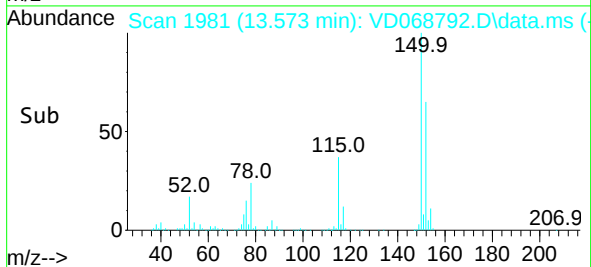
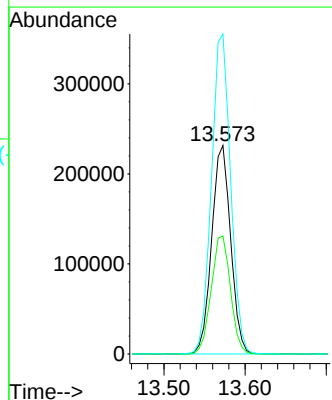
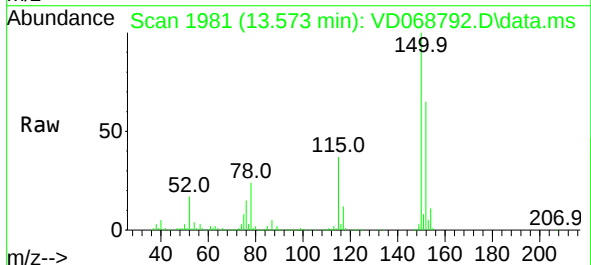
Instrument :
MSVOA_D
ClientSampled :

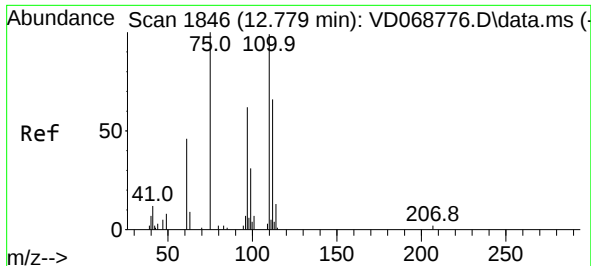
Tgt Ion:117 Resp: 806978
Ion Ratio Lower Upper
117 100
82 51.3 43.5 65.3
119 30.5 26.7 40.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068792.D
Acq: 08 Apr 2021 16:36

Tgt Ion:152 Resp: 375619
Ion Ratio Lower Upper
152 100
115 57.4 29.3 87.8
150 154.8 0.0 347.6

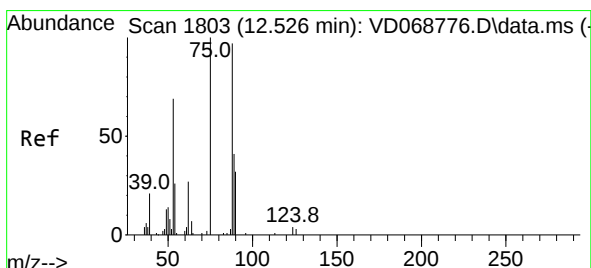
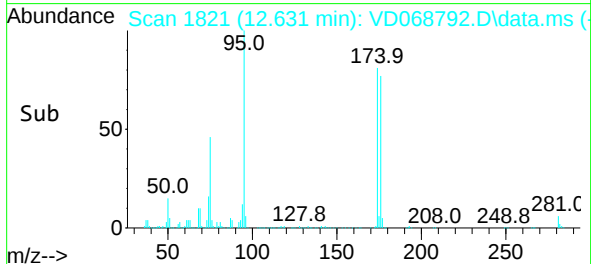
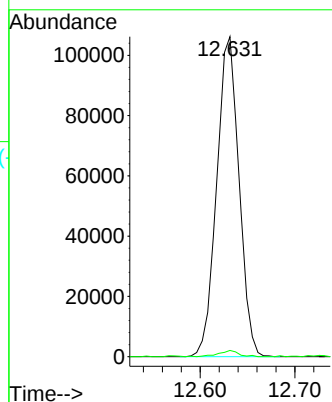
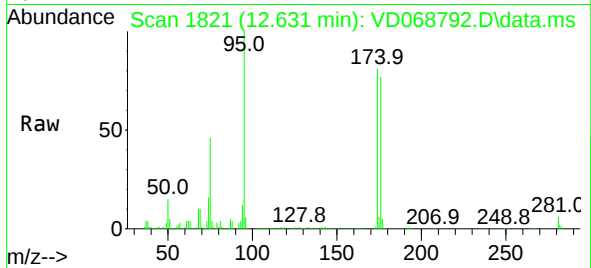




#76
1,2,3-Trichloropropane
Concen: 50.71 ug/l
RT: 12.631 min Scan# 1821
Delta R.T. -0.148 min
Lab File: VD068792.D
Acq: 08 Apr 2021 16:36

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 174028
Ion Ratio Lower Upper
75 100
77 1.8 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 117.69 ug/l
RT: 12.631 min Scan# 1821
Delta R.T. 0.105 min
Lab File: VD068792.D
Acq: 08 Apr 2021 16:36

Tgt Ion: 75 Resp: 174028
Ion Ratio Lower Upper
75 100
53 0.2 66.8 100.2#
89 0.0 36.6 54.8#

