

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040821\
 Data File : VD068793.D
 Acq On : 08 Apr 2021 17:04
 Operator : VA/SY
 Sample : M1979-20
 Misc : 4.94G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 09 01:03:42 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)

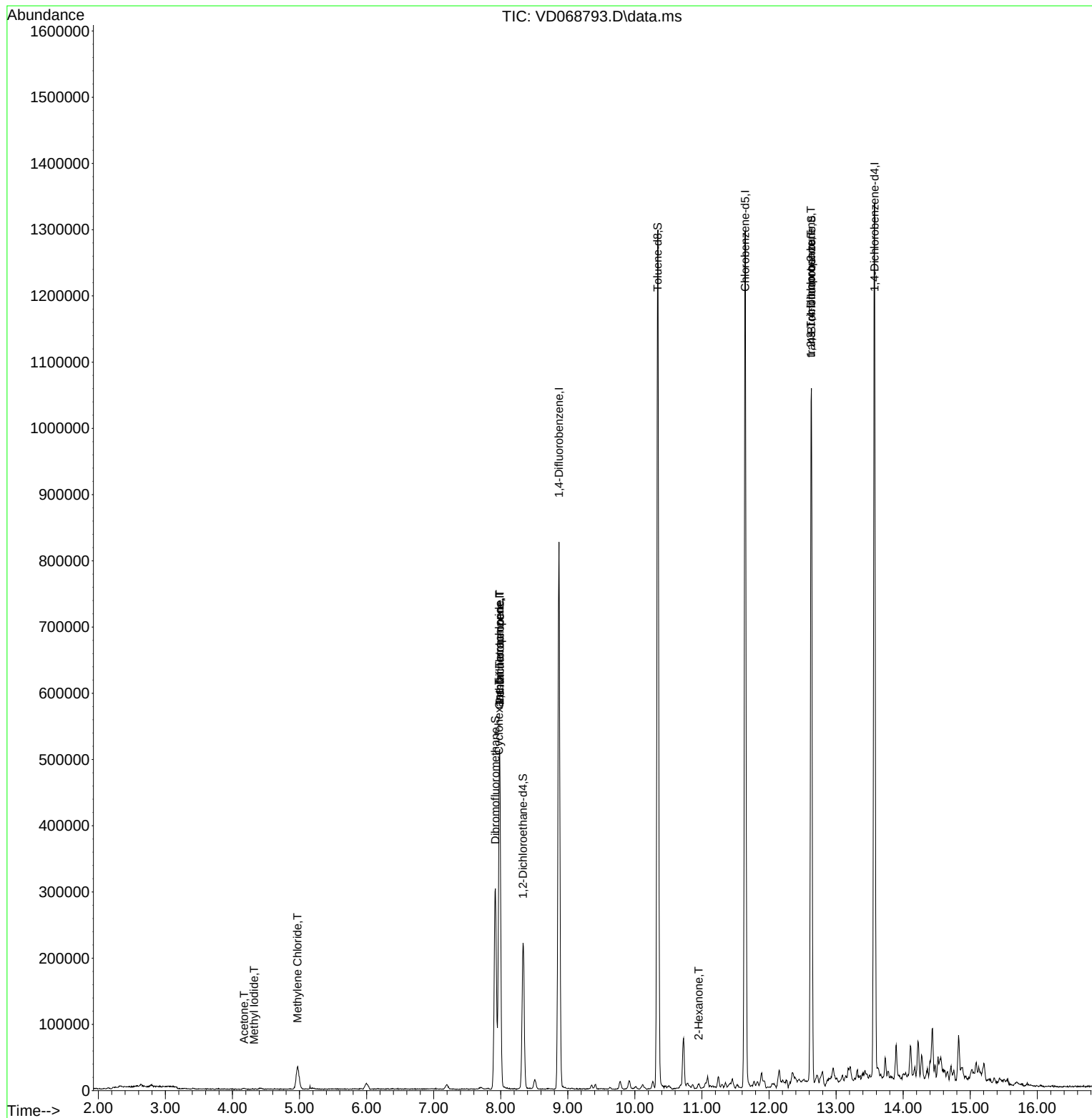
Internal Standards						
1) Pentafluorobenzene	7.985	168	400675	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	741008	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	775657	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	372929	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	181139	42.78	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	85.56%		
35) Dibromofluoromethane	7.920	113	217470	45.12	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	90.24%		
50) Toluene-d8	10.338	98	932342	51.28	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	102.56%		
62) 4-Bromofluorobenzene	12.632	95	340969	56.46	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	112.92%		
Target Compounds						
10) Methyl Iodide	4.320	142	596	2.36	ug/l #	52
11) Tert butyl alcohol	5.203	59	2154	Below Cal	#	73
16) Acetone	4.173	43	2677	4.57	ug/l #	84
20) Methylene Chloride	4.967	84	29051	1.44	ug/l	86
31) Cyclohexane	7.973	56	7943	1.13	ug/l #	33
36) 1,1-Dichloropropene	7.985	75	29168	3.89	ug/l #	49
38) Carbon Tetrachloride	7.979	117	39778	5.36	ug/l #	14
59) 2-Hexanone	10.950	43	2234	1.47	ug/l #	19
76) 1,2,3-Trichloropropane	12.626	75	172584	50.66	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	172584	117.56	ug/l #	16

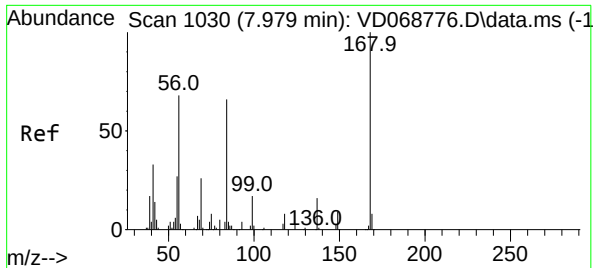
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040821\
Data File : VD068793.D
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Misc : 4.94G/5.00ml/MSVOA_D/SOIL
ALS Vial : 14 Sample Multiplier: 1

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MSVOA_D
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Quant Time: Apr 09 01:03:42 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

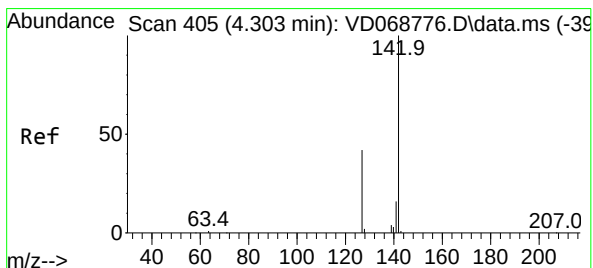
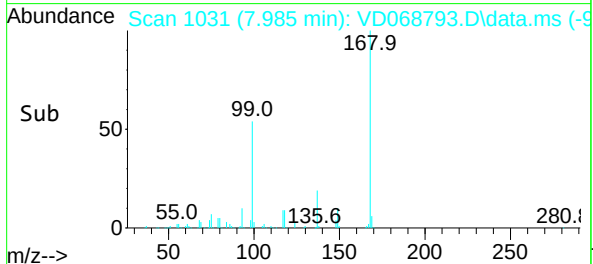
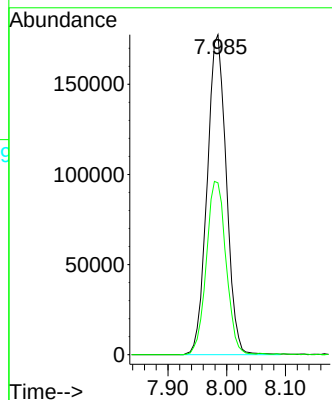
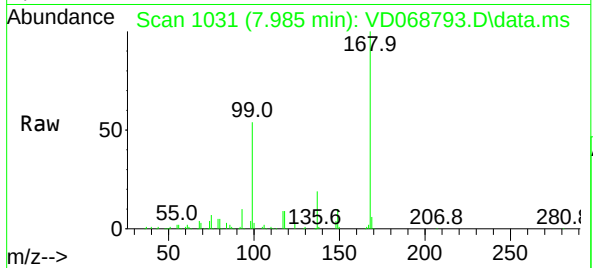




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VD068793.D
Acq: 08 Apr 2021 17:04

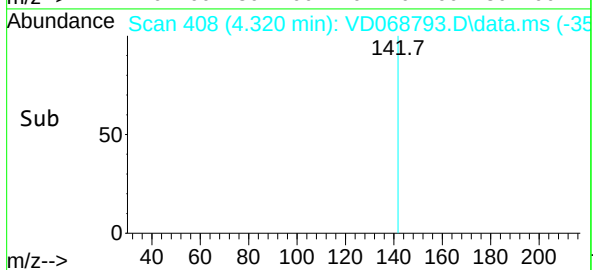
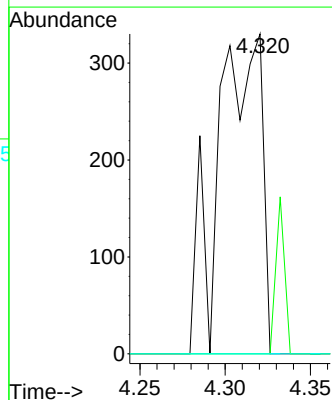
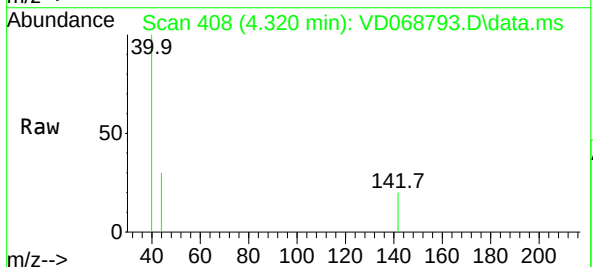
Instrument :
MSVOA_D
ClientSampleId :

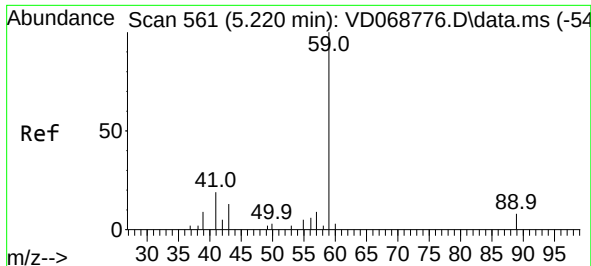
Tgt Ion:168 Resp: 400675
Ion Ratio Lower Upper
168 100
99 53.7 46.2 69.2



#10
Methyl Iodide
Concen: 2.36 ug/l
RT: 4.320 min Scan# 408
Delta R.T. 0.017 min
Lab File: VD068793.D
Acq: 08 Apr 2021 17:04

Tgt Ion:142 Resp: 596
Ion Ratio Lower Upper
142 100
127 9.6 34.7 52.1#
141 0.0 11.0 16.4#

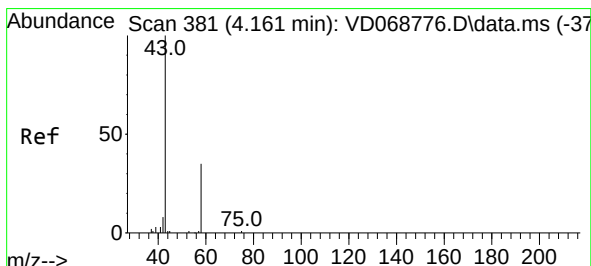
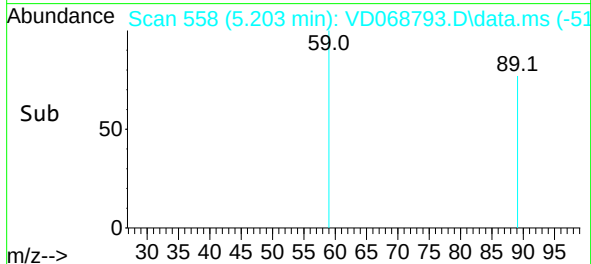
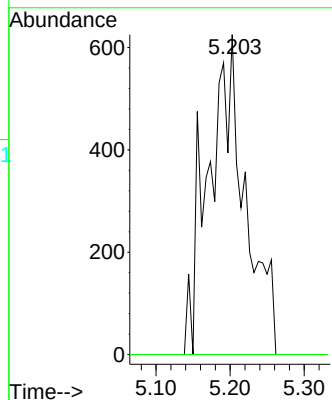
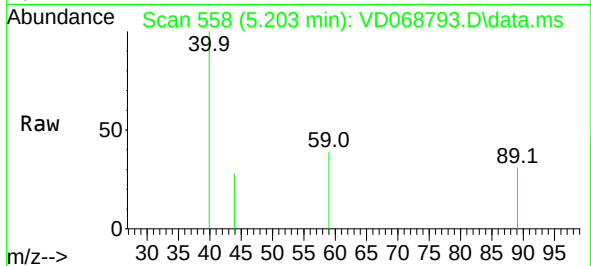




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.203 min Scan# 558
Delta R.T. -0.017 min
Lab File: VD068793.D
Acq: 08 Apr 2021 17:04

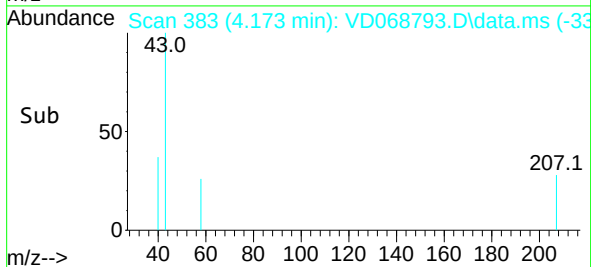
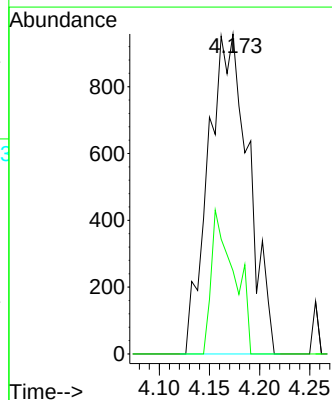
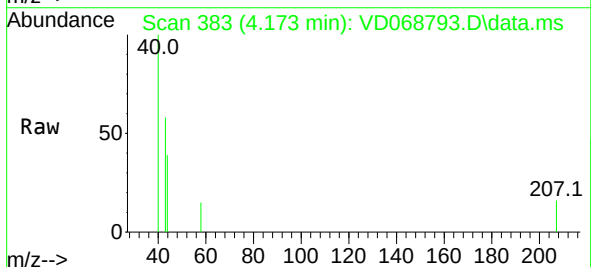
Instrument :
MSVOA_D
ClientSampleId :

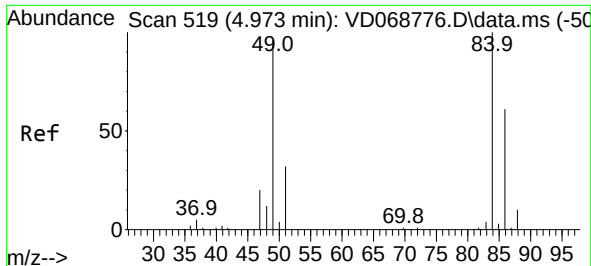
Tgt Ion: 59 Resp: 2154
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#16
Acetone
Concen: 4.57 ug/l
RT: 4.173 min Scan# 383
Delta R.T. 0.012 min
Lab File: VD068793.D
Acq: 08 Apr 2021 17:04

Tgt Ion: 43 Resp: 2677
Ion Ratio Lower Upper
43 100
58 26.0 28.0 42.0#



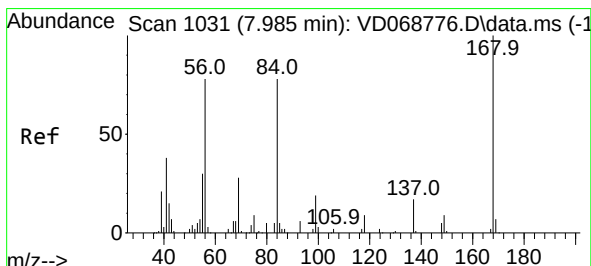
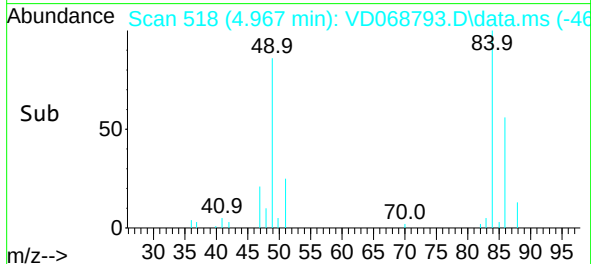
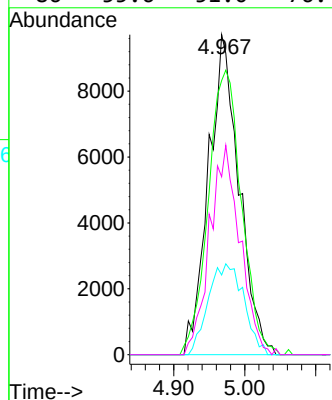
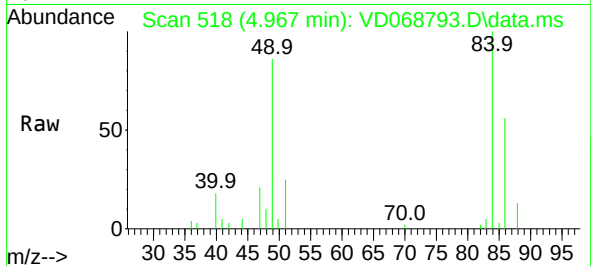


#20
Methylene Chloride
Concen: 1.44 ug/l
RT: 4.967 min Scan# 518
Delta R.T. -0.006 min
Lab File: VD068793.D
Acq: 08 Apr 2021 17:04

Instrument :
MSVOA_D
ClientSampled :

Tgt Ion: 84 Resp: 29051

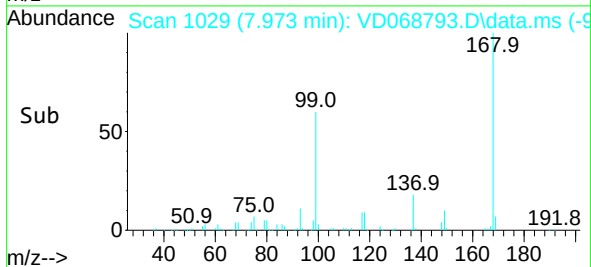
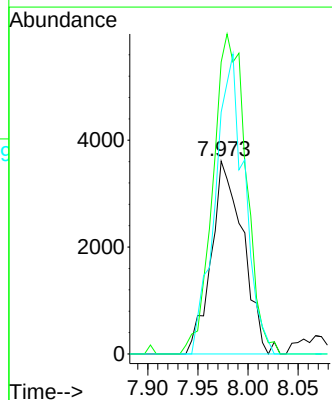
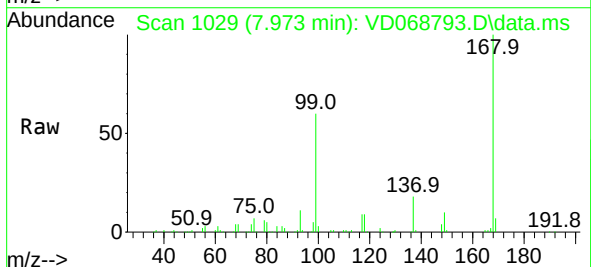
Ion	Ratio	Lower	Upper
84	100		
49	85.7	83.4	125.0
51	24.9	23.4	35.2
86	55.6	51.0	76.4

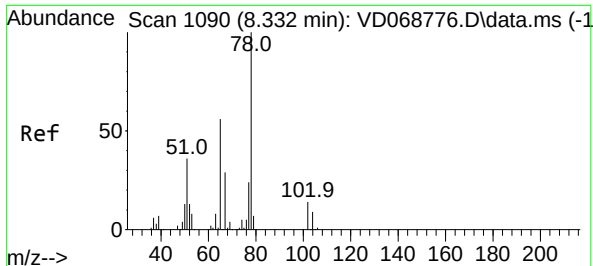


#31
Cyclohexane
Concen: 1.13 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD068793.D
Acq: 08 Apr 2021 17:04

Tgt Ion: 56 Resp: 7943

Ion	Ratio	Lower	Upper
56	100		
69	151.3	30.0	45.0#
84	125.4	82.0	123.0#





#33

1,2-Dichloroethane-d4

Concen: 42.78 ug/l

RT: 8.332 min Scan# 1090

Delta R.T. 0.000 min

Lab File: VD068793.D

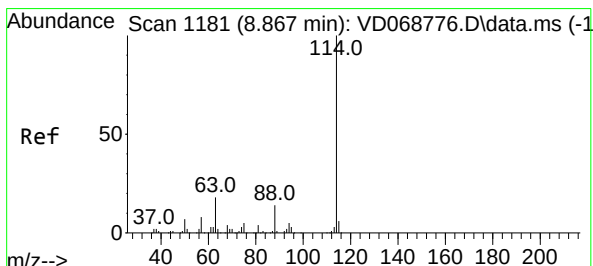
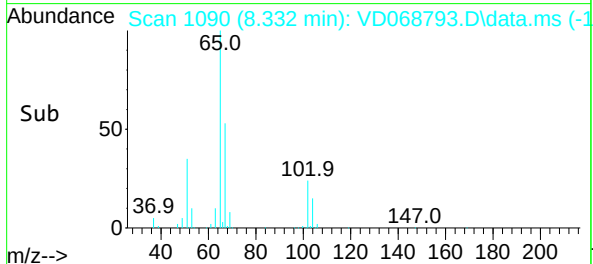
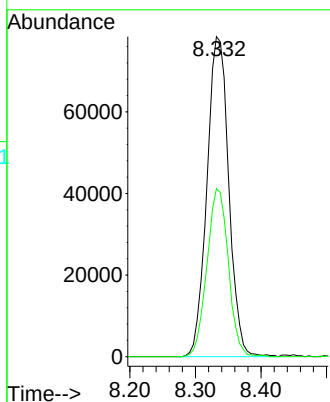
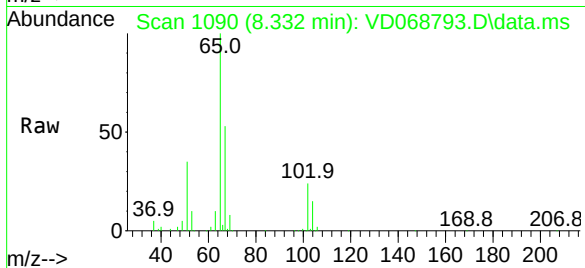
Acq: 08 Apr 2021 17:04

Tgt Ion: 65 Resp: 181139

Ion Ratio Lower Upper

65 100

67 51.6 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: VD068793.D

Acq: 08 Apr 2021 17:04

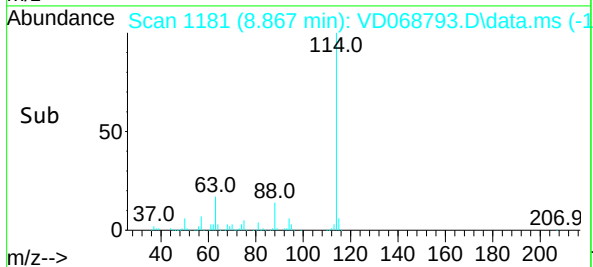
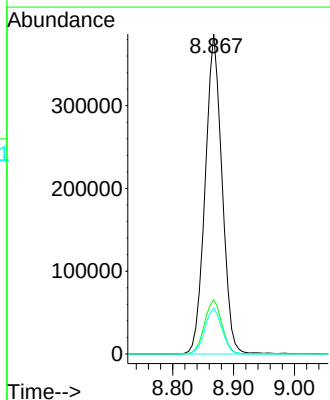
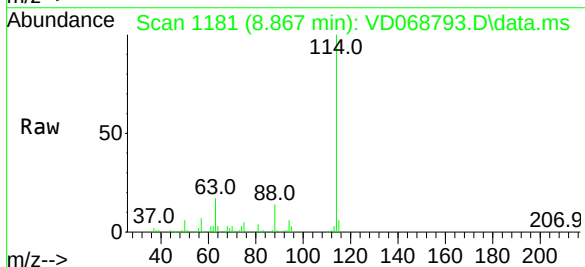
Tgt Ion: 114 Resp: 741008

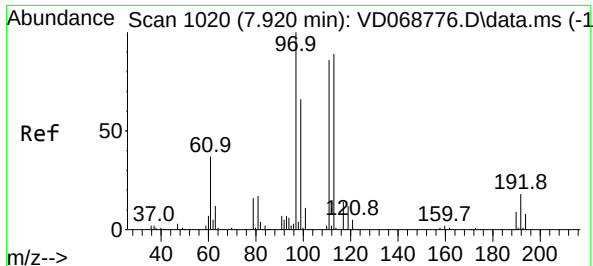
Ion Ratio Lower Upper

114 100

63 16.9 0.0 38.2

88 14.3 0.0 29.4





#35

Dibromofluoromethane

Concen: 45.12 ug/l

RT: 7.920 min Scan# 1020

Delta R.T. 0.000 min

Lab File: VD068793.D

Acq: 08 Apr 2021 17:04

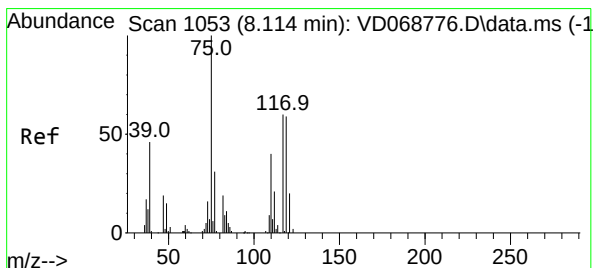
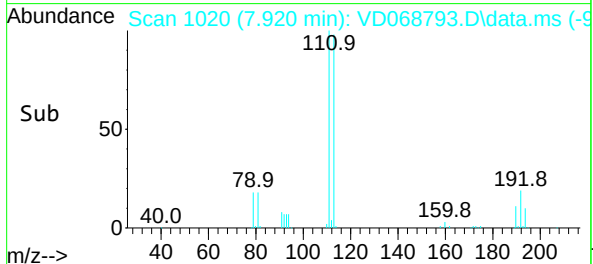
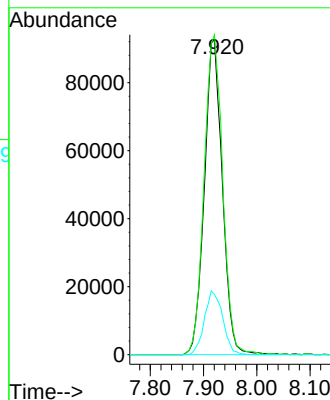
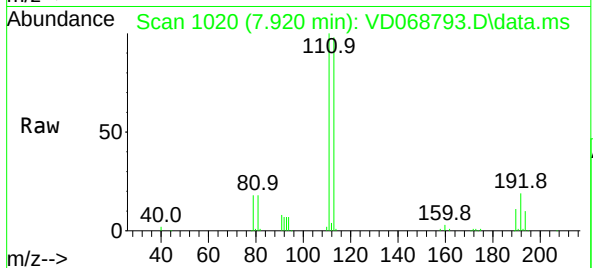
Tgt Ion: 113 Resp: 217470

Ion Ratio Lower Upper

113 100

111 105.3 82.5 123.7

192 20.6 15.1 22.7



#36

1,1-Dichloropropene

Concen: 3.89 ug/l

RT: 7.985 min Scan# 1031

Delta R.T. -0.129 min

Lab File: VD068793.D

Acq: 08 Apr 2021 17:04

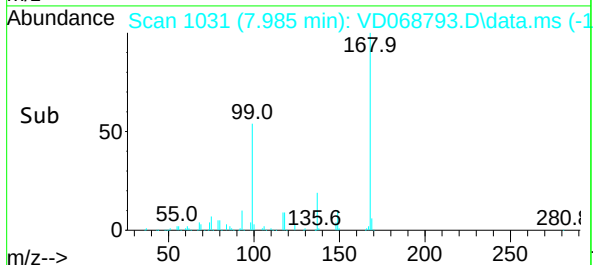
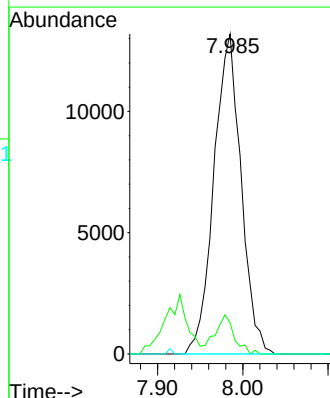
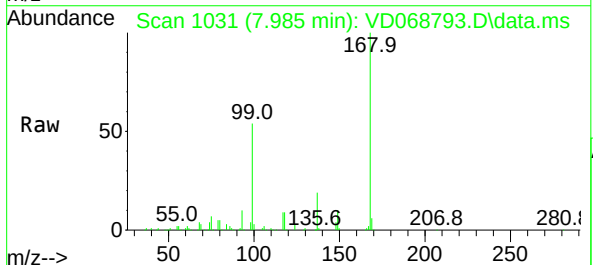
Tgt Ion: 75 Resp: 29168

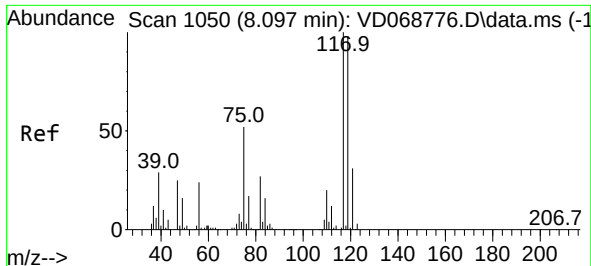
Ion Ratio Lower Upper

75 100

110 8.9 18.1 54.4#

77 0.0 24.7 37.1#

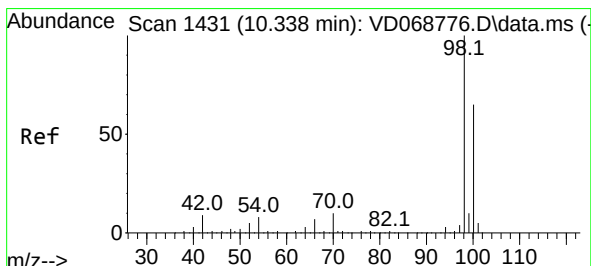
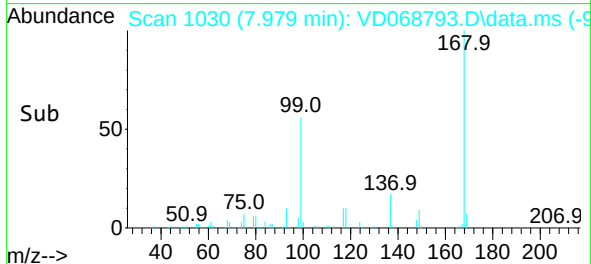
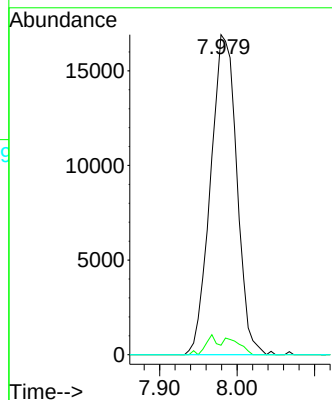
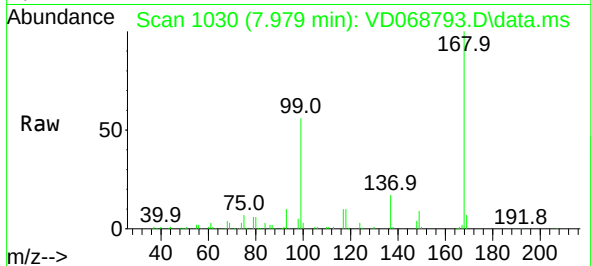




#38
Carbon Tetrachloride
Concen: 5.36 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD068793.D
Acq: 08 Apr 2021 17:04

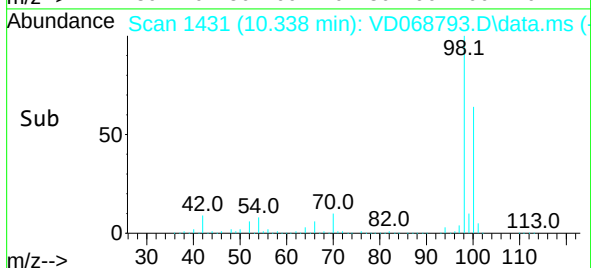
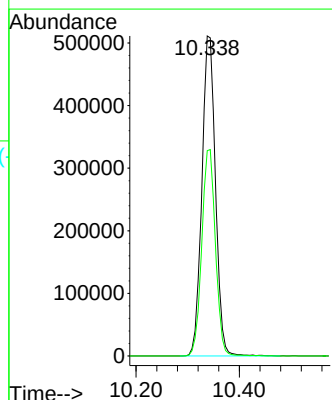
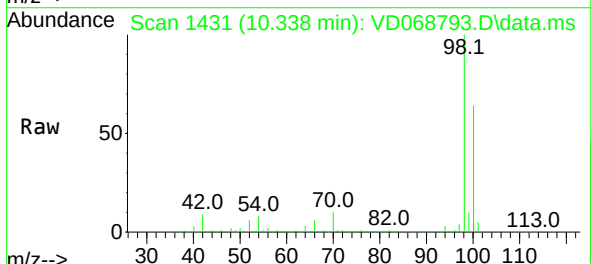
Instrument :
MSVOA_D
ClientSampleId :

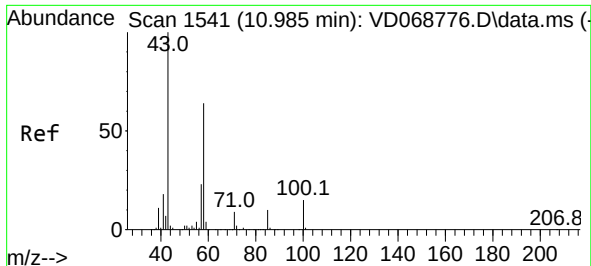
Tgt Ion:117 Resp: 39778
Ion Ratio Lower Upper
117 100
119 3.0 76.6 115.0#
121 0.0 26.1 39.1#



#50
Toluene-d8
Concen: 51.28 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD068793.D
Acq: 08 Apr 2021 17:04

Tgt Ion: 98 Resp: 932342
Ion Ratio Lower Upper
98 100
100 64.9 51.8 77.6

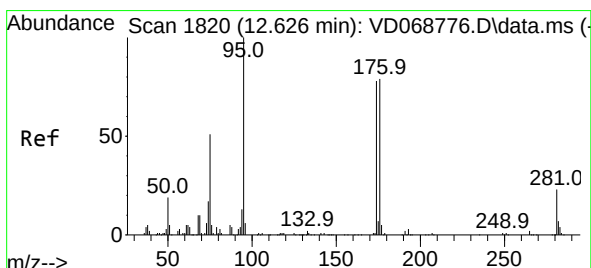
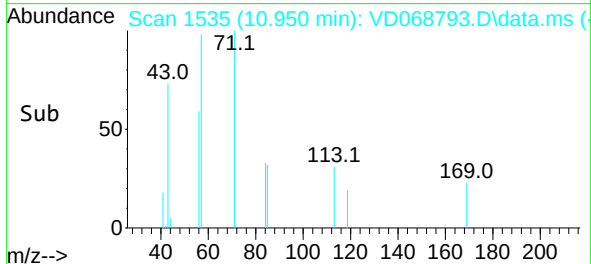
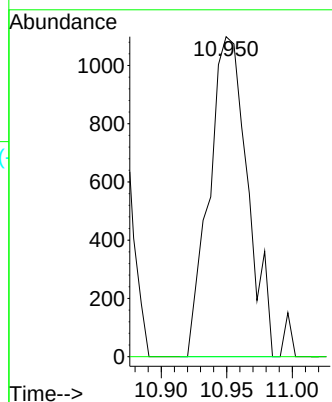
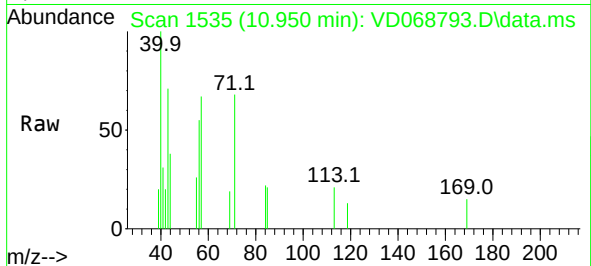




#59
2-Hexanone
Concen: 1.47 ug/l
RT: 10.950 min Scan# 1535
Delta R.T. -0.035 min
Lab File: VD068793.D
Acq: 08 Apr 2021 17:04

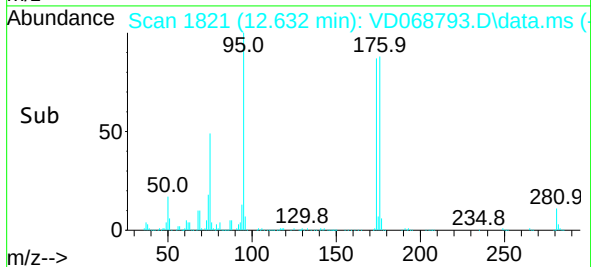
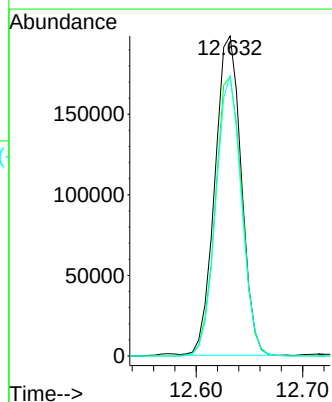
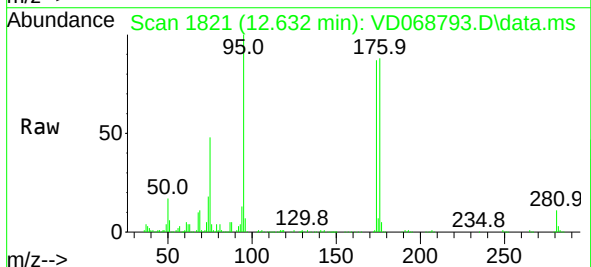
Instrument :
MSVOA_D
ClientSampled :

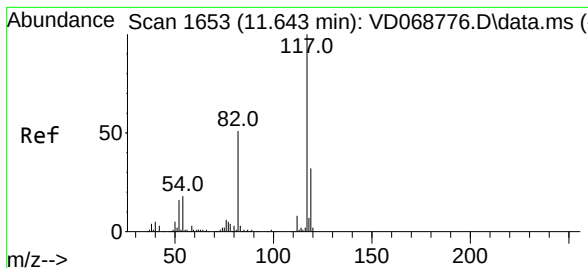
Tgt Ion: 43 Resp: 2234
Ion Ratio Lower Upper
43 100
58 0.0 31.3 93.8#



#62
4-Bromofluorobenzene
Concen: 56.46 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD068793.D
Acq: 08 Apr 2021 17:04

Tgt Ion: 95 Resp: 340969
Ion Ratio Lower Upper
95 100
174 88.0 0.0 168.0
176 84.9 0.0 160.2

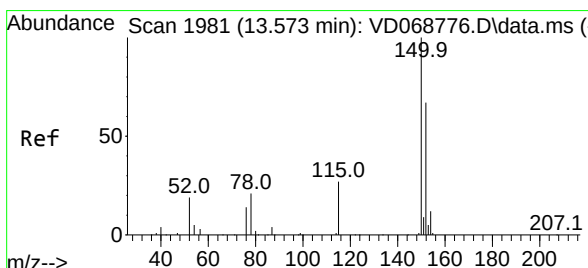
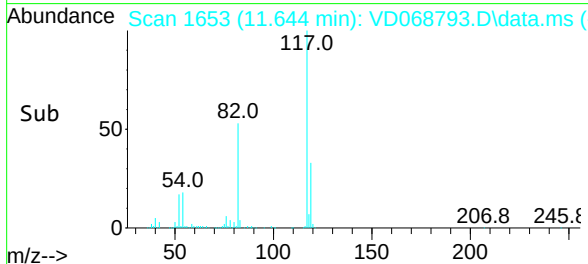
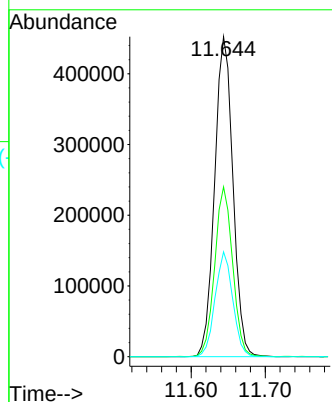
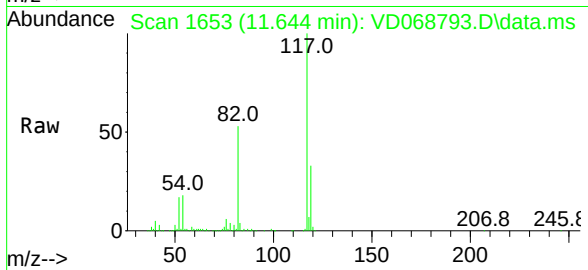




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.001 min
Lab File: VD068793.D
Acq: 08 Apr 2021 17:04

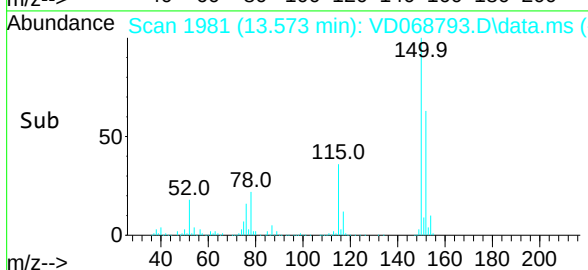
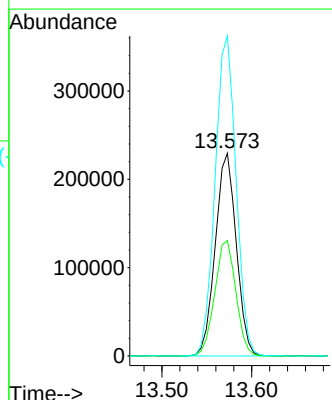
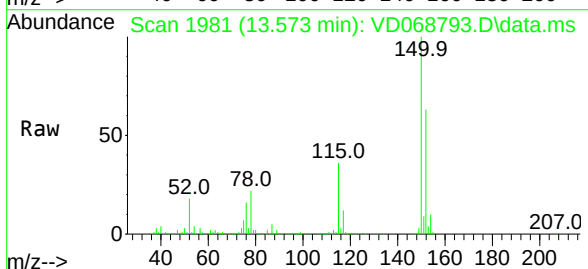
Instrument :
MSVOA_D
ClientSampleId :

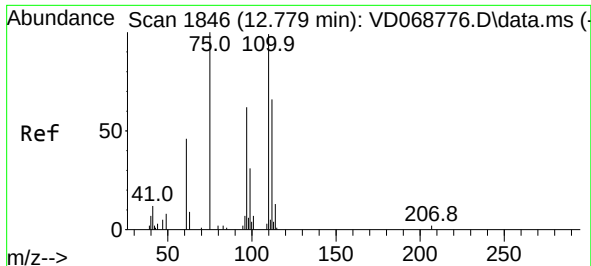
Tgt Ion:117 Resp: 775657
Ion Ratio Lower Upper
117 100
82 53.0 43.5 65.3
119 32.8 26.7 40.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068793.D
Acq: 08 Apr 2021 17:04

Tgt Ion:152 Resp: 372929
Ion Ratio Lower Upper
152 100
115 57.3 29.3 87.8
150 157.5 0.0 347.6

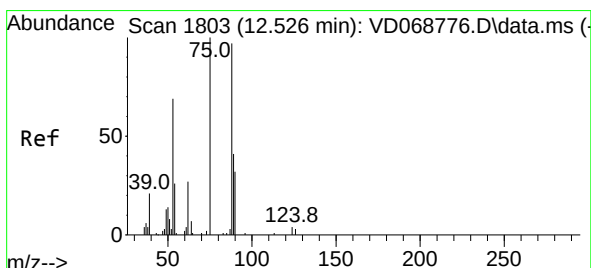
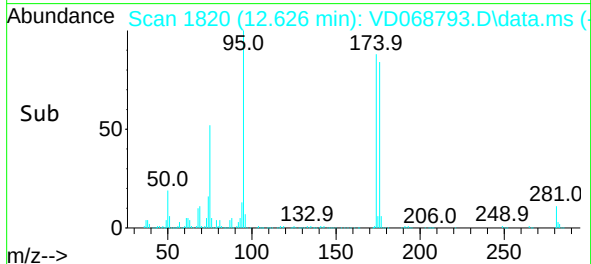
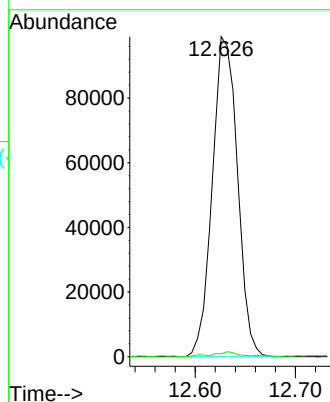
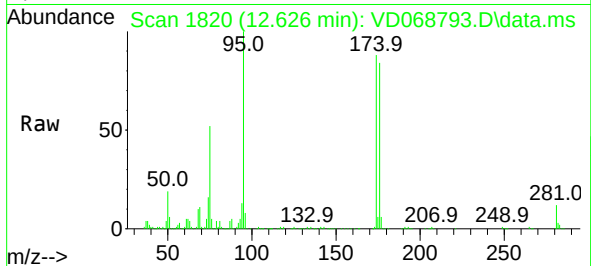




#76
1,2,3-Trichloropropane
Concen: 50.66 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.153 min
Lab File: VD068793.D
Acq: 08 Apr 2021 17:04

Instrument :
MSVOA_D
ClientSampled :

Tgt Ion: 75 Resp: 172584
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 117.56 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.100 min
Lab File: VD068793.D
Acq: 08 Apr 2021 17:04

Tgt Ion: 75 Resp: 172584
Ion Ratio Lower Upper
75 100
53 0.3 66.8 100.2#
89 0.1 36.6 54.8#

