

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041521\
 Data File : VD068858.D
 Acq On : 15 Apr 2021 16:12
 Operator : VA/SY
 Sample : M2049-10
 Misc : 4.99G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 16 01:09:36 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	7.979	168	297856	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	518452	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	551797	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	291561	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	127284	40.43	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	80.86%
35) Dibromofluoromethane	7.920	113	160343	47.55	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.10%
50) Toluene-d8	10.337	98	650552	51.14	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.28%
62) 4-Bromofluorobenzene	12.626	95	257851	61.03	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	122.06%

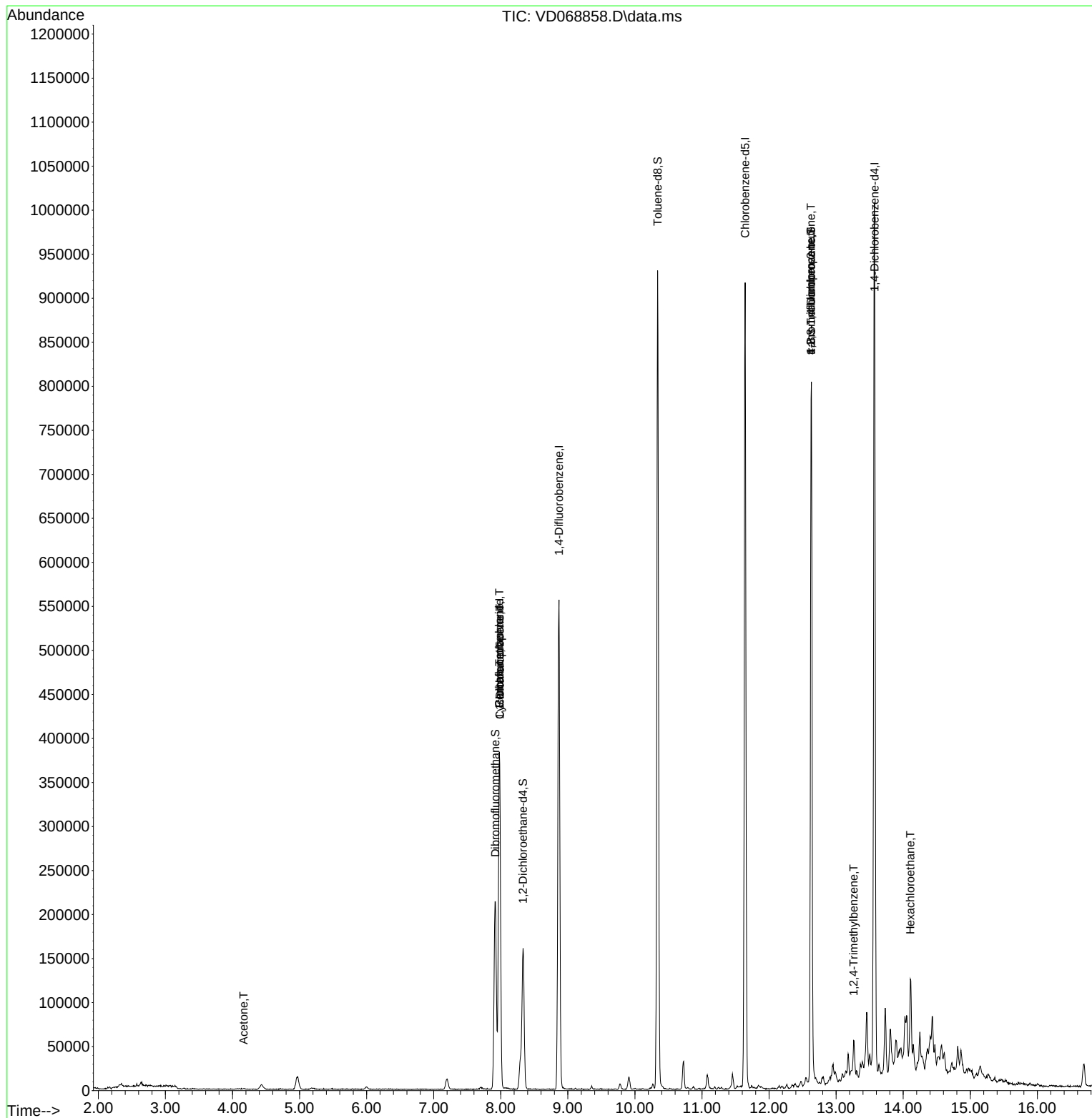
Target Compounds					Qvalue
11) Tert butyl alcohol	5.202	59	1621	Below Cal	# 73
16) Acetone	4.167	43	1685	3.87 ug/l	# 40
20) Methylene Chloride	4.973	84	12182	Below Cal	# 89
31) Cyclohexane	7.985	56	6726	1.28 ug/l	# 36
36) 1,1-Dichloropropene	7.985	75	20910	3.98 ug/l	# 48
38) Carbon Tetrachloride	7.979	117	29692	5.71 ug/l	# 16
76) 1,2,3-Trichloropropane	12.626	75	125930	47.28 ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.626	75	125930	109.72 ug/l	# 16
84) 1,2,4-Trimethylbenzene	13.261	105	23672	1.32 ug/l	# 99
90) Hexachloroethane	14.108	117	7440	1.92 ug/l	# 15

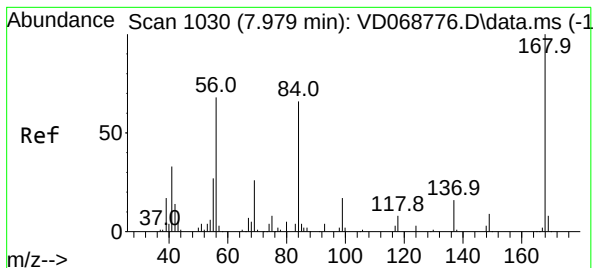
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041521\
Data File : VD068858.D
Acq On : 15 Apr 2021 16:12
Operator : VA/SY
Sample : M2049-10
Misc : 4.99G/5.00ml/MSVOA_D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Apr 16 01:09:36 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

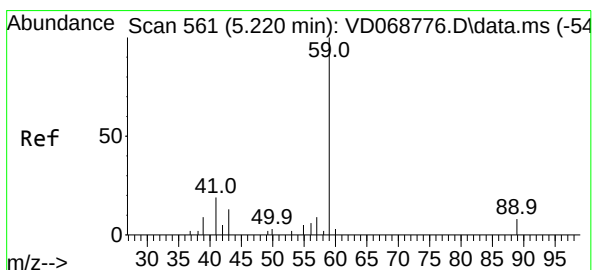
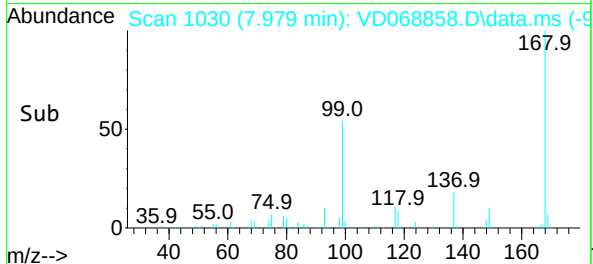
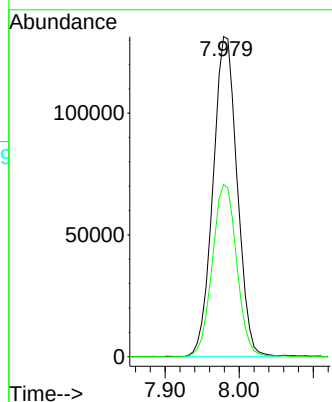
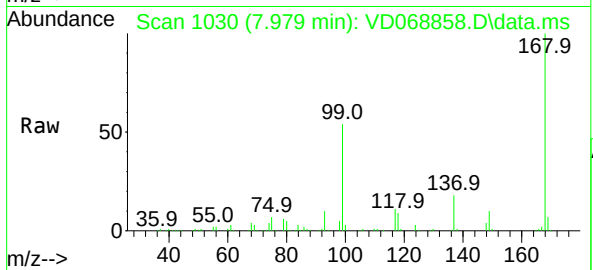




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD068858.D
Acq: 15 Apr 2021 16:12

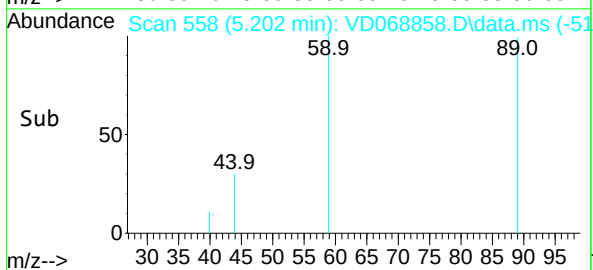
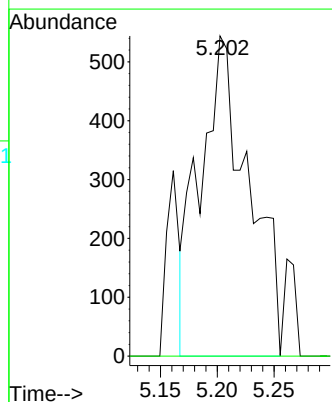
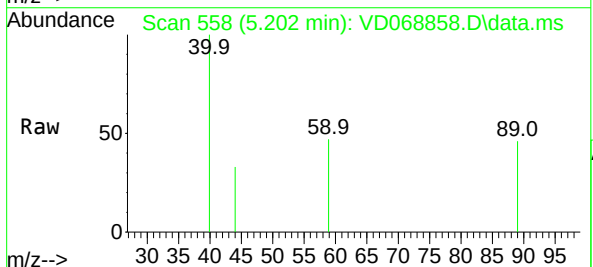
Instrument :
MSVOA_D
ClientSampled :

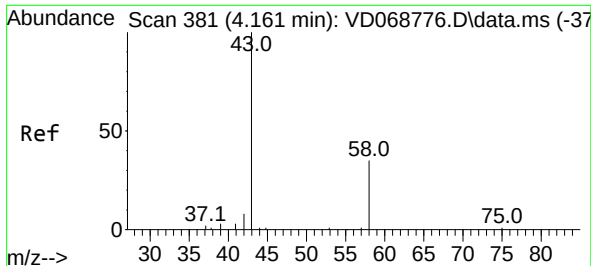
Tgt Ion:168 Resp: 297856
Ion Ratio Lower Upper
168 100
99 53.7 46.2 69.2



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.202 min Scan# 558
Delta R.T. -0.018 min
Lab File: VD068858.D
Acq: 15 Apr 2021 16:12

Tgt Ion: 59 Resp: 1621
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

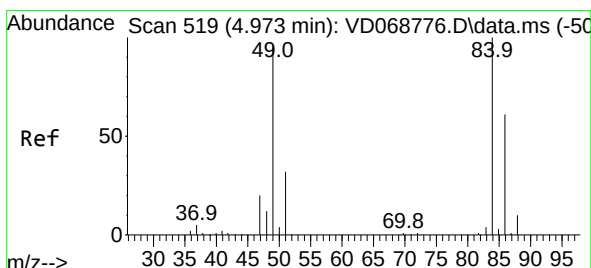
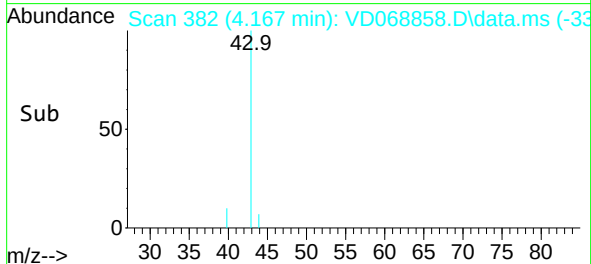
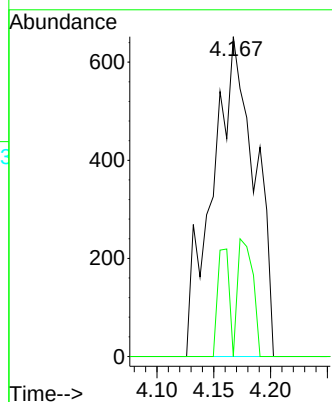
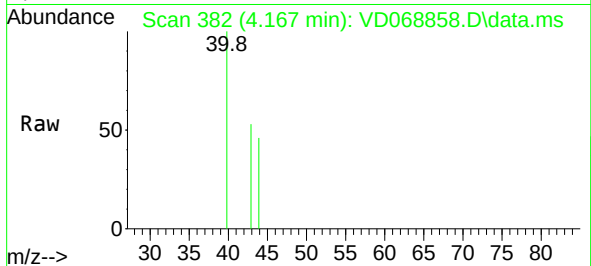




#16
Acetone
Concen: 3.87 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.006 min
Lab File: VD068858.D
Acq: 15 Apr 2021 16:12

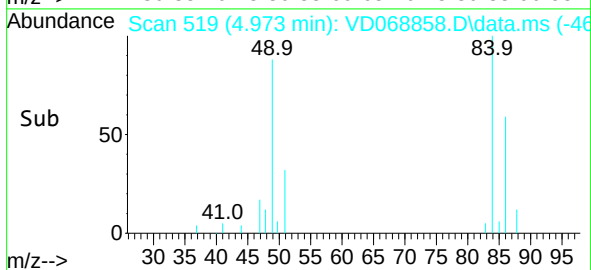
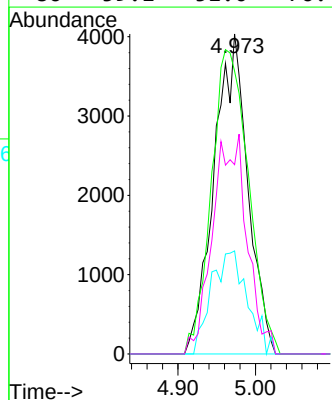
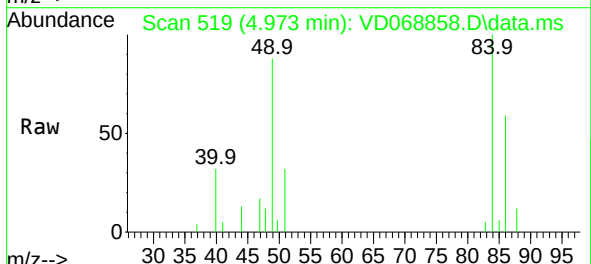
Instrument :
MSVOA_D
ClientSampled :

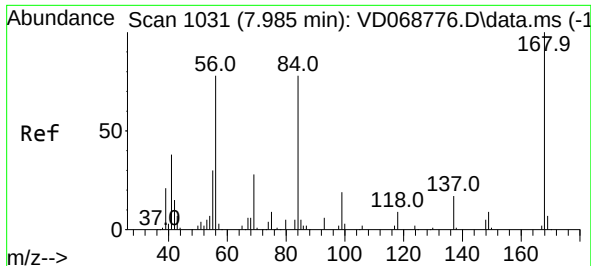
Tgt Ion: 43 Resp: 1685
Ion Ratio Lower Upper
43 100
58 0.0 28.0 42.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.973 min Scan# 519
Delta R.T. 0.000 min
Lab File: VD068858.D
Acq: 15 Apr 2021 16:12

Tgt Ion: 84 Resp: 12182
Ion Ratio Lower Upper
84 100
49 88.4 83.4 125.0
51 32.2 23.4 35.2
86 59.1 51.0 76.4

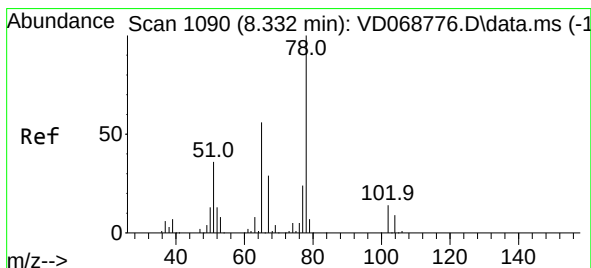
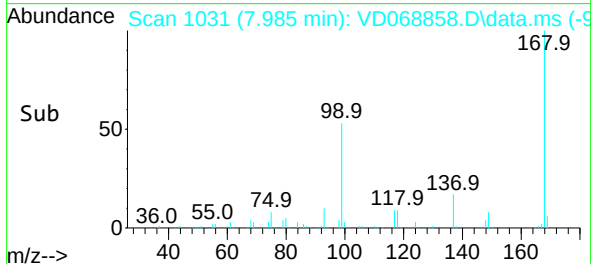
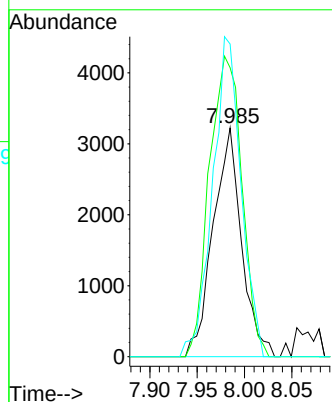
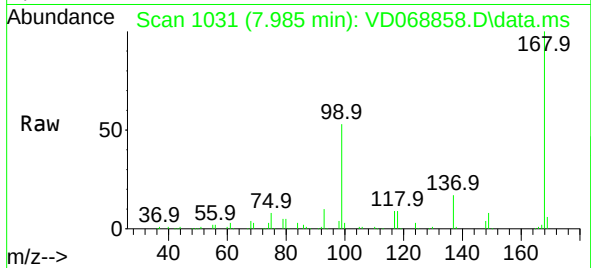




#31
Cyclohexane
Concen: 1.28 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068858.D
Acq: 15 Apr 2021 16:12

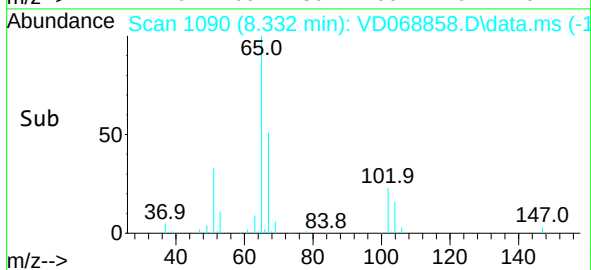
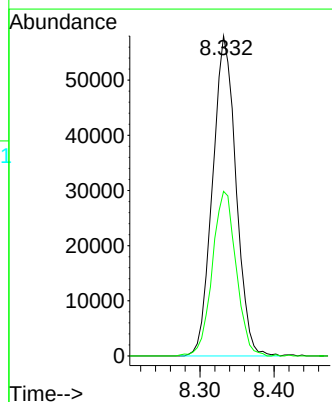
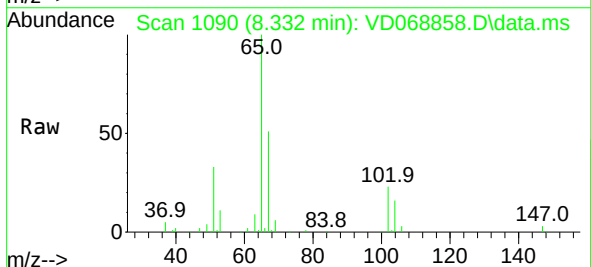
Instrument :
MSVOA_D
ClientSampleId :

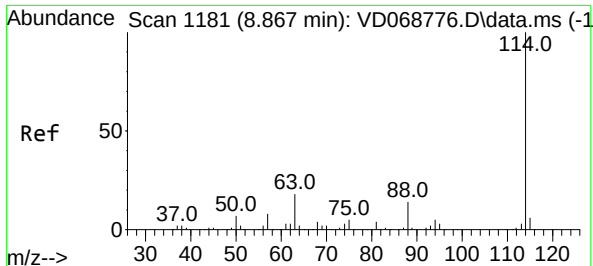
Tgt Ion: 56 Resp: 6726
Ion Ratio Lower Upper
56 100
69 126.3 30.0 45.0#
84 136.7 82.0 123.0#



#33
1,2-Dichloroethane-d4
Concen: 40.43 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068858.D
Acq: 15 Apr 2021 16:12

Tgt Ion: 65 Resp: 127284
Ion Ratio Lower Upper
65 100
67 52.3 0.0 106.0

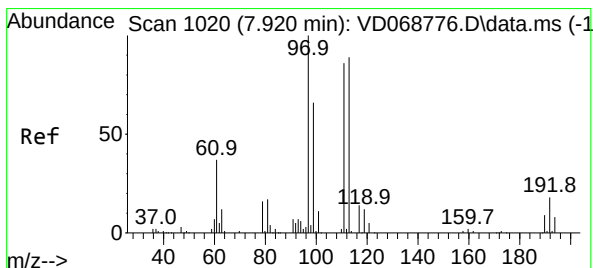
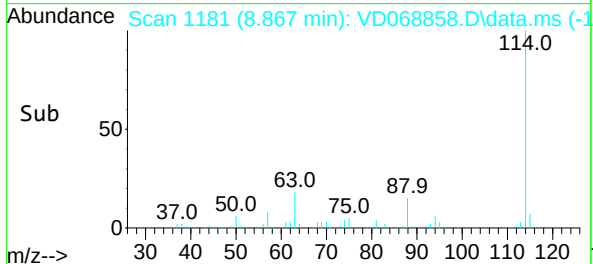
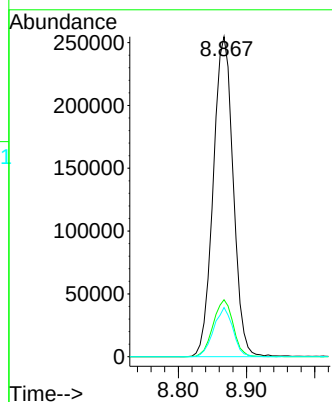
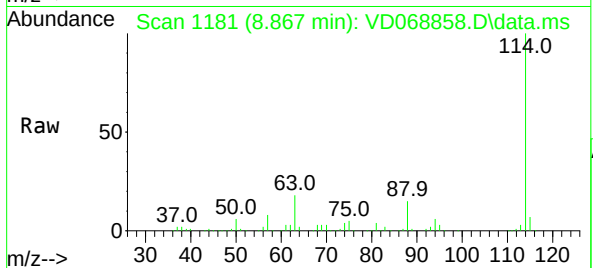




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. -0.000 min
Lab File: VD068858.D
Acq: 15 Apr 2021 16:12

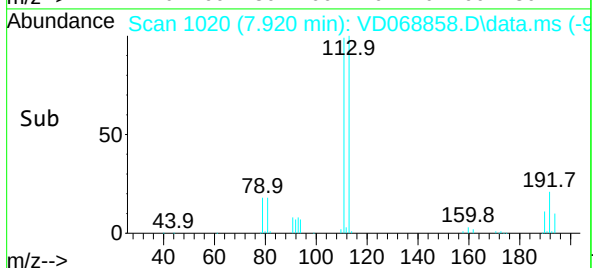
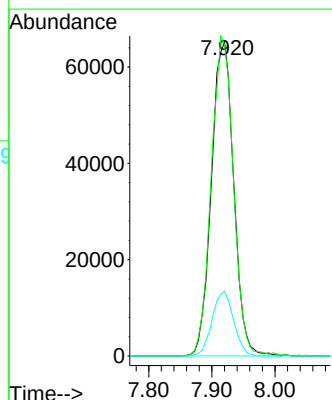
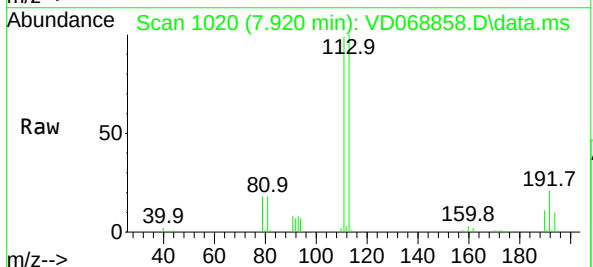
Instrument :
MSVOA_D
ClientSampleId :

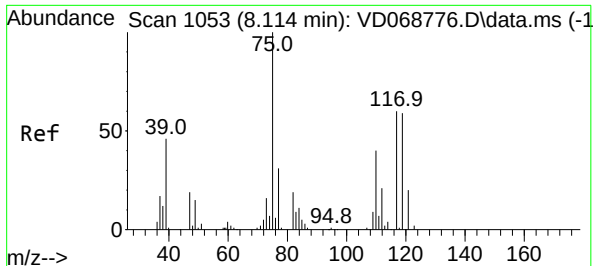
Tgt Ion:114 Resp: 518452
Ion Ratio Lower Upper
114 100
63 17.8 0.0 38.2
88 15.3 0.0 29.4



#35
Dibromofluoromethane
Concen: 47.55 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. -0.000 min
Lab File: VD068858.D
Acq: 15 Apr 2021 16:12

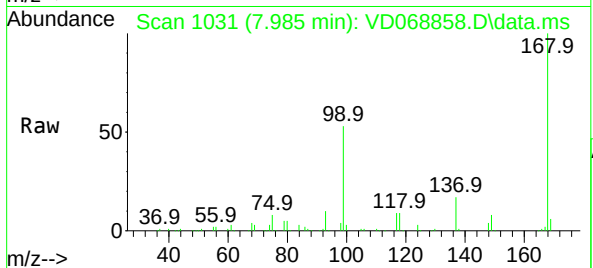
Tgt Ion:113 Resp: 160343
Ion Ratio Lower Upper
113 100
111 100.8 82.5 123.7
192 19.8 15.1 22.7



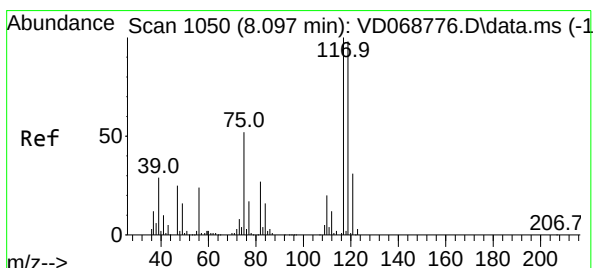
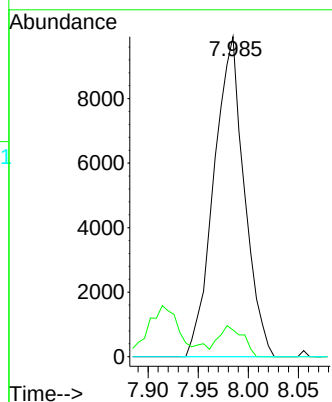
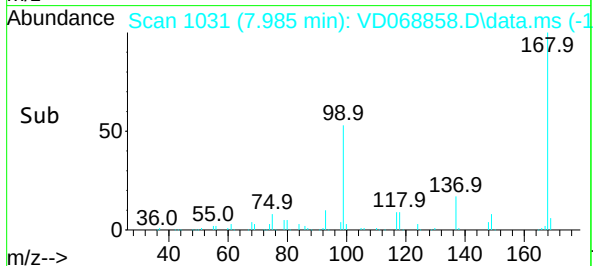


#36
1,1-Dichloropropene
Concen: 3.98 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.129 min
Lab File: VD068858.D
Acq: 15 Apr 2021 16:12

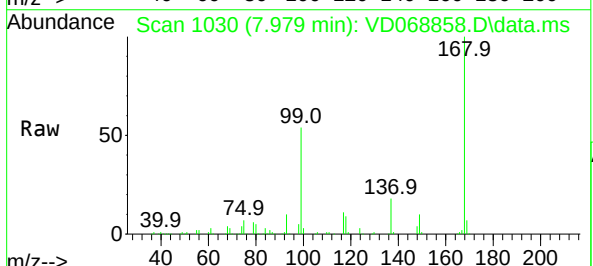
Instrument :
MSVOA_D
ClientSampled :



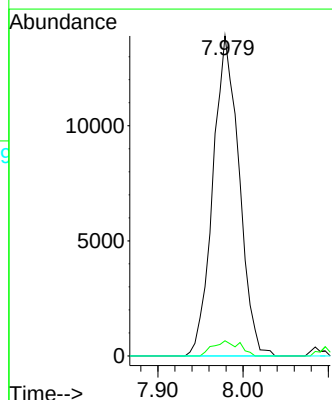
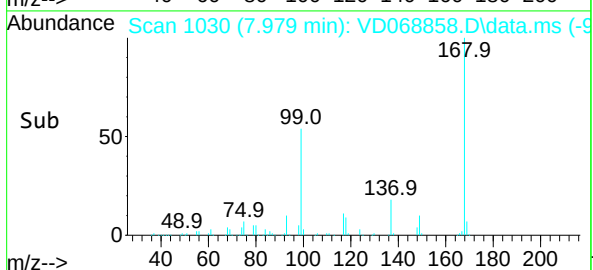
Tgt Ion: 75 Resp: 20910
Ion Ratio Lower Upper
75 100
110 7.7 18.1 54.4#
77 0.0 24.7 37.1#

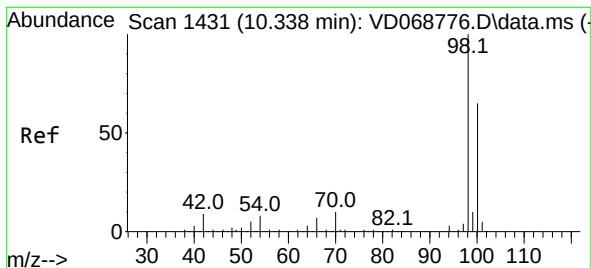


#38
Carbon Tetrachloride
Concen: 5.71 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD068858.D
Acq: 15 Apr 2021 16:12



Tgt Ion: 117 Resp: 29692
Ion Ratio Lower Upper
117 100
119 4.8 76.6 115.0#
121 0.0 26.1 39.1#

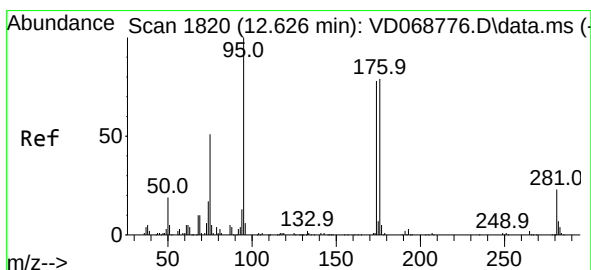
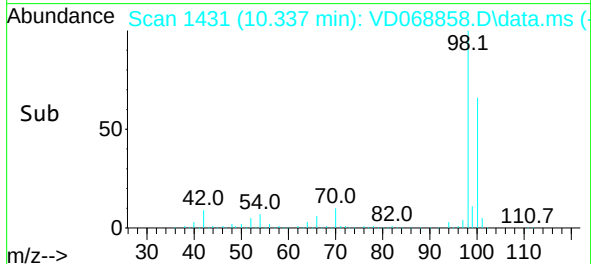
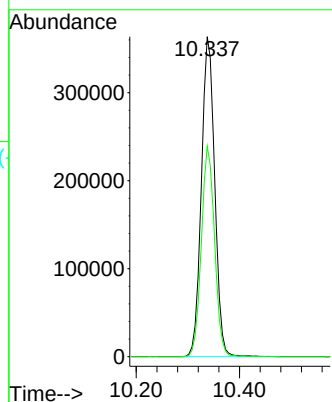
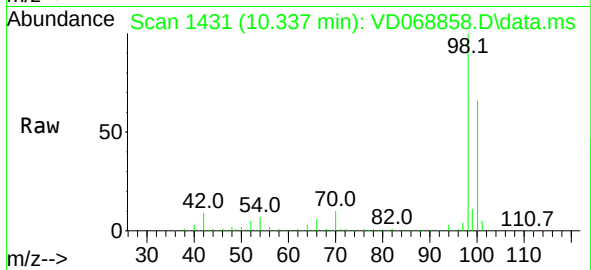




#50
Toluene-d8
Concen: 51.14 ug/l
RT: 10.337 min Scan# 1431
Delta R.T. -0.001 min
Lab File: VD068858.D
Acq: 15 Apr 2021 16:12

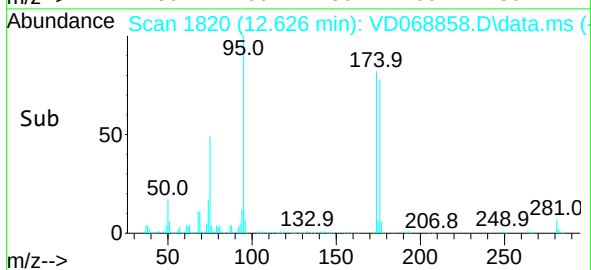
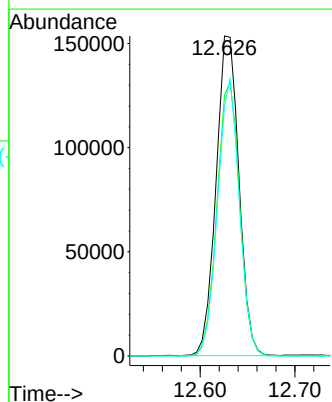
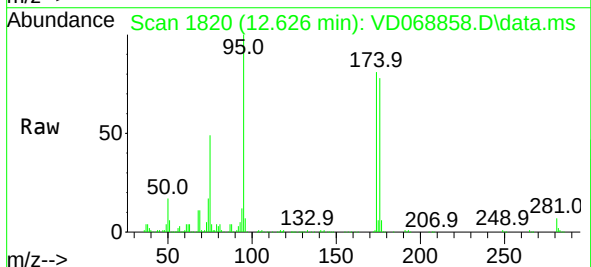
Instrument :
MSVOA_D
ClientSampled :

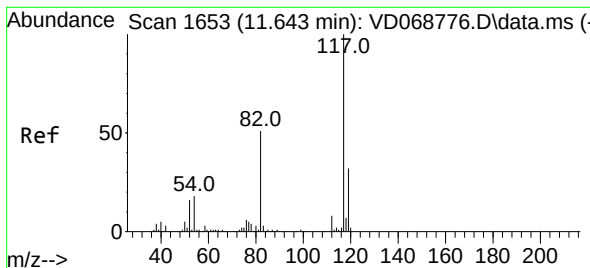
Tgt Ion: 98 Resp: 650552
Ion Ratio Lower Upper
98 100
100 65.2 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 61.03 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD068858.D
Acq: 15 Apr 2021 16:12

Tgt Ion: 95 Resp: 257851
Ion Ratio Lower Upper
95 100
174 85.0 0.0 168.0
176 82.5 0.0 160.2

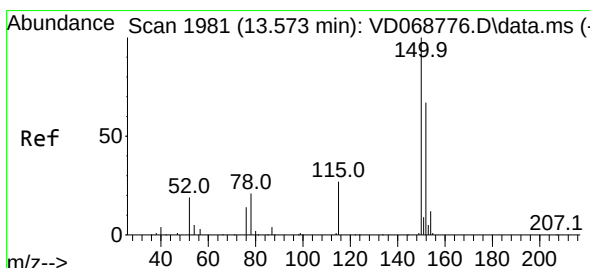
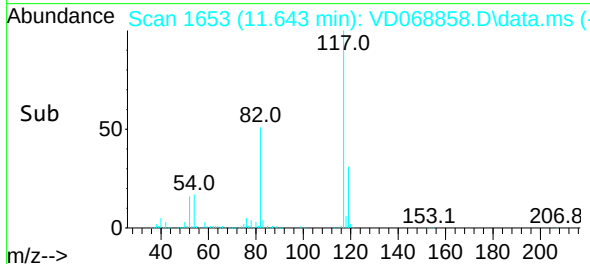
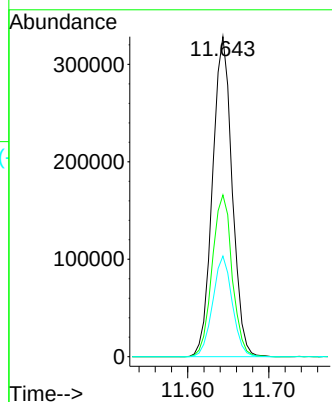
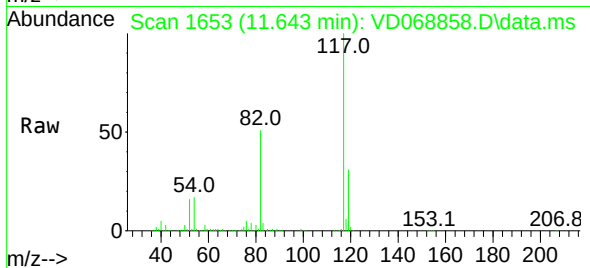




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068858.D
Acq: 15 Apr 2021 16:12

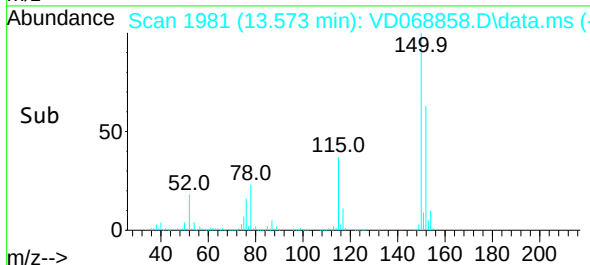
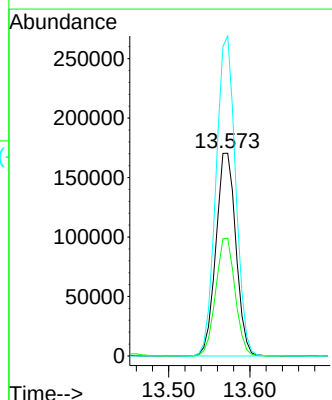
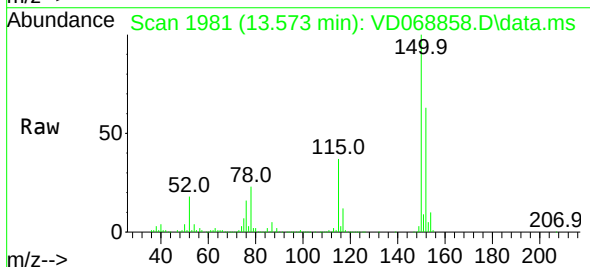
Instrument :
MSVOA_D
ClientSampleId :

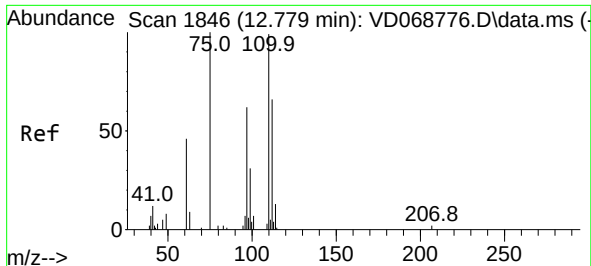
Tgt Ion:117 Resp: 551797
Ion Ratio Lower Upper
117 100
82 50.6 43.5 65.3
119 31.5 26.7 40.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068858.D
Acq: 15 Apr 2021 16:12

Tgt Ion:152 Resp: 291561
Ion Ratio Lower Upper
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115 56.4 29.3 87.8
150 154.7 0.0 347.6

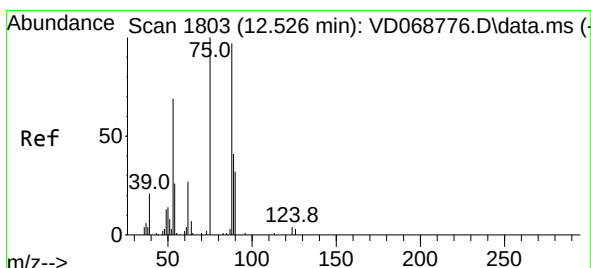
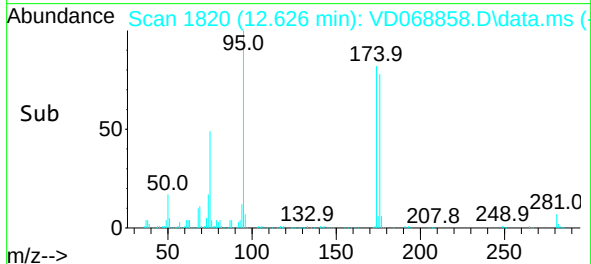
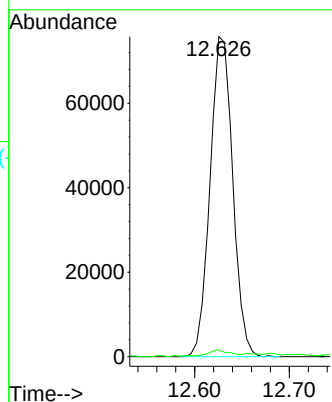
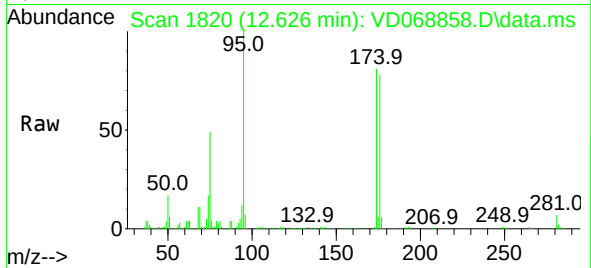




#76
1,2,3-Trichloropropane
Concen: 47.28 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.153 min
Lab File: VD068858.D
Acq: 15 Apr 2021 16:12

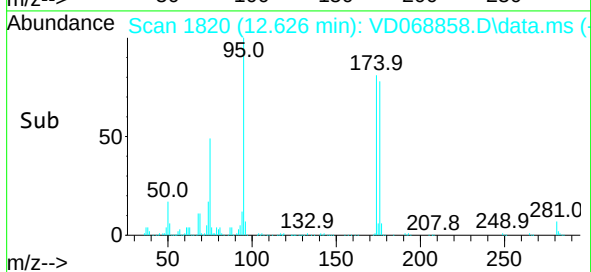
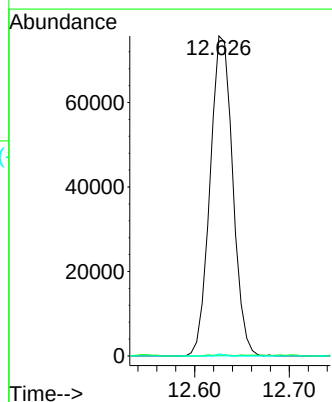
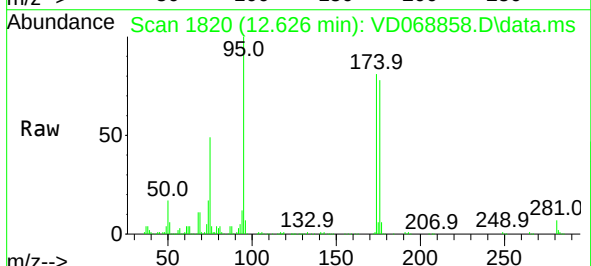
Instrument :
MSVOA_D
ClientSampleId :

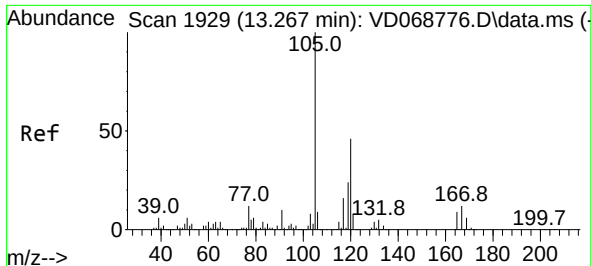
Tgt Ion: 75 Resp: 125930
Ion Ratio Lower Upper
75 100
77 2.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 109.72 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.100 min
Lab File: VD068858.D
Acq: 15 Apr 2021 16:12

Tgt Ion: 75 Resp: 125930
Ion Ratio Lower Upper
75 100
53 0.3 66.8 100.2#
89 0.2 36.6 54.8#

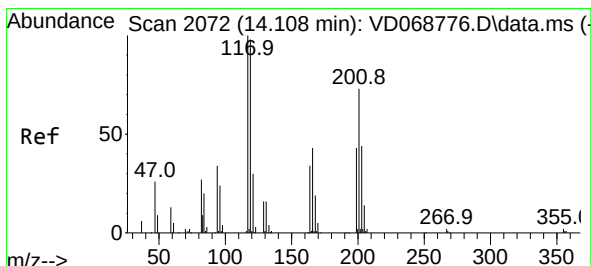
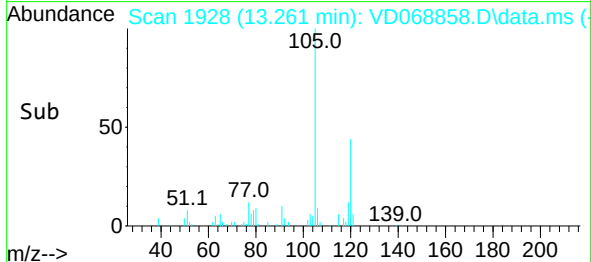
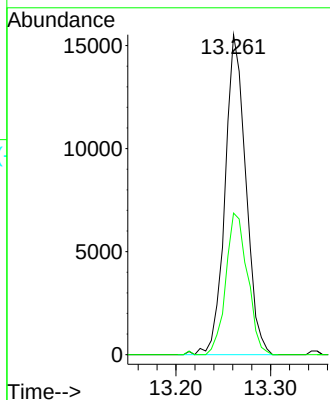
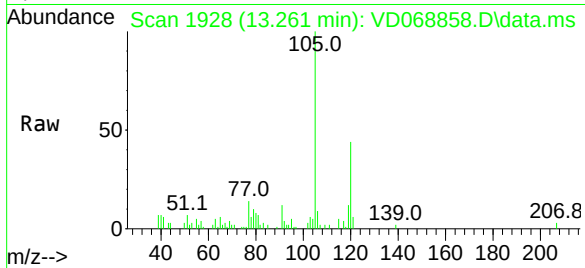




#84
1,2,4-Trimethylbenzene
Concen: 1.32 ug/l
RT: 13.261 min Scan# 1928
Delta R.T. -0.006 min
Lab File: VD068858.D
Acq: 15 Apr 2021 16:12

Instrument :
MSVOA_D
ClientSampled :

Tgt Ion:105 Resp: 23672
Ion Ratio Lower Upper
105 100
120 46.1 22.6 67.7



#90
Hexachloroethane
Concen: 1.92 ug/l
RT: 14.108 min Scan# 2072
Delta R.T. -0.000 min
Lab File: VD068858.D
Acq: 15 Apr 2021 16:12

Tgt Ion:117 Resp: 7440
Ion Ratio Lower Upper
117 100
201 0.9 35.4 106.2#

