

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032621\
 Data File : VD068688.D
 Acq On : 26 Mar 2021 17:01
 Operator : VA/SY
 Sample : M1821-03
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Mar 27 00:45:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031921S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 20 02:00:55 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.985	168	298404	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	575566	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	566581	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	279368	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	163653	54.39	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.78%
35) Dibromofluoromethane	7.914	113	191130	53.37	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.74%
50) Toluene-d8	10.344	98	762254	55.21	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	110.42%
62) 4-Bromofluorobenzene	12.632	95	257641	57.56	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	115.12%

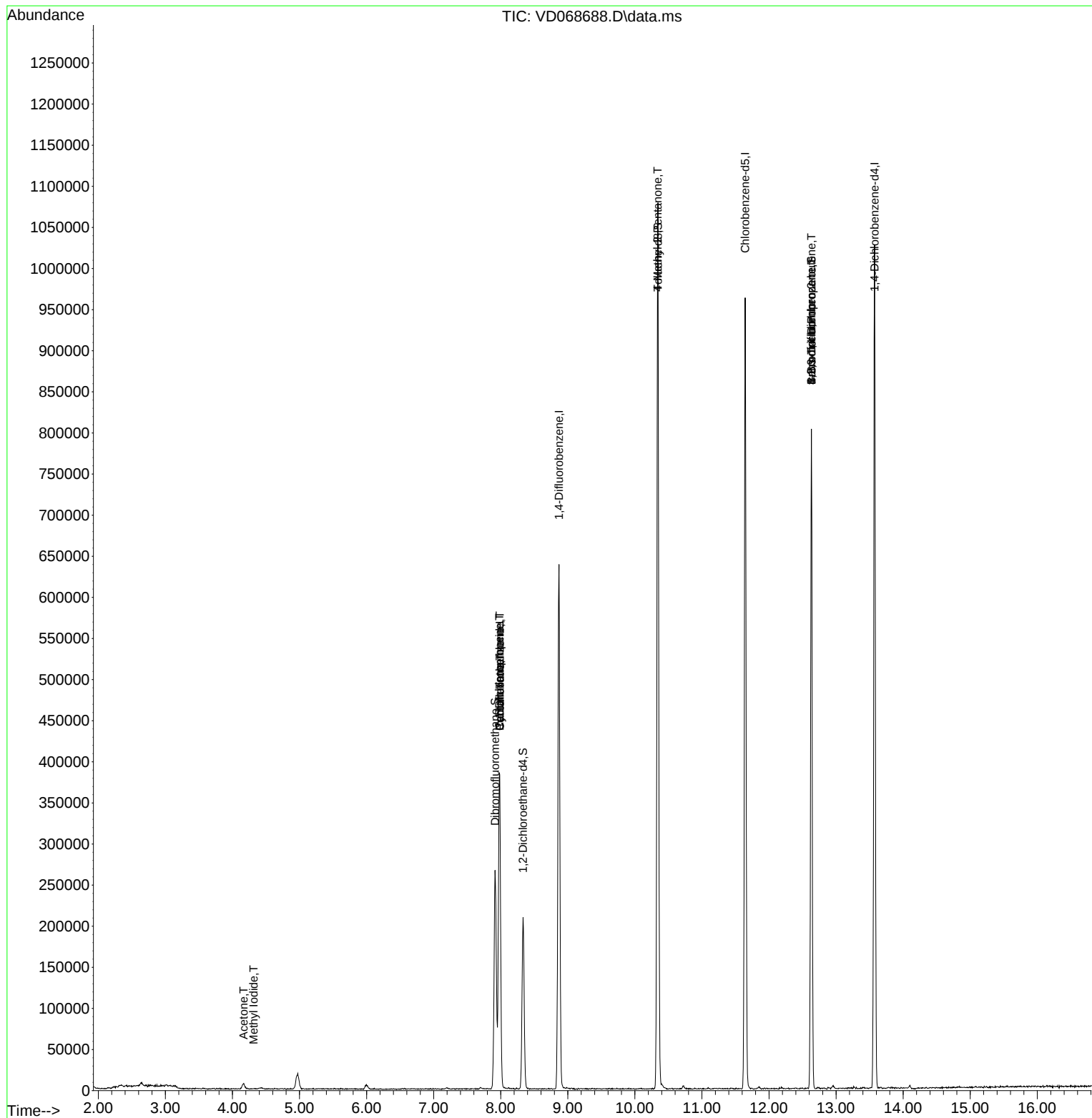
Target Compounds						Qvalue
10) Methyl Iodide	4.315	142	54	3.48	ug/l #	41
16) Acetone	4.167	43	12059	33.03	ug/l #	80
20) Methylene Chloride	4.973	84	16551	Below Cal	#	85
31) Cyclohexane	7.985	56	6267	1.29	ug/l #	7
36) 1,1-Dichloropropene	7.979	75	23414	4.55	ug/l #	49
38) Carbon Tetrachloride	7.985	117	29927	5.83	ug/l #	15
51) 4-Methyl-2-Pentanone	10.338	43	2643	1.63	ug/l #	1
71) Bromoform	12.632	173	2277	1.08	ug/l #	1
76) 1,2,3-Trichloropropane	12.632	75	126217	54.28	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	126217	123.50	ug/l #	16

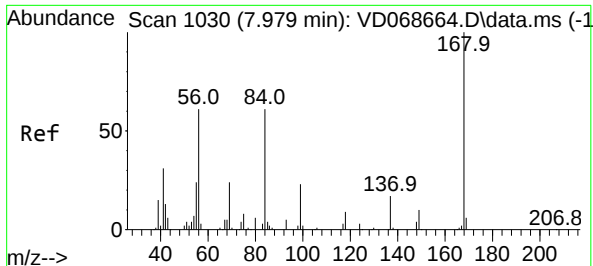
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032621\
Data File : VD068688.D
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Operator : VA/SY
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Misc : 5.02G/5.00ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampled :

Quant Time: Mar 27 00:45:01 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031921S.M
Quant Title : SW846 8260
QLast Update : Sat Mar 20 02:00:55 2021
Response via : Initial Calibration

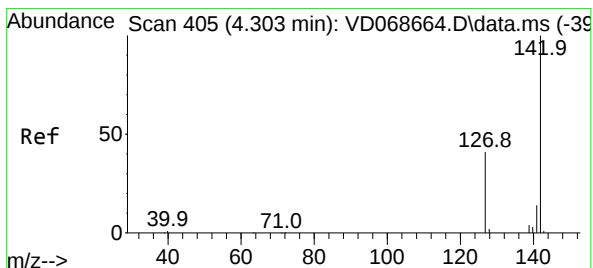
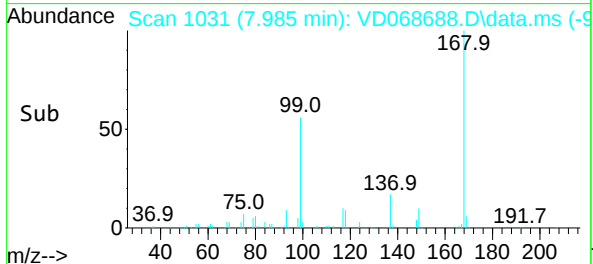
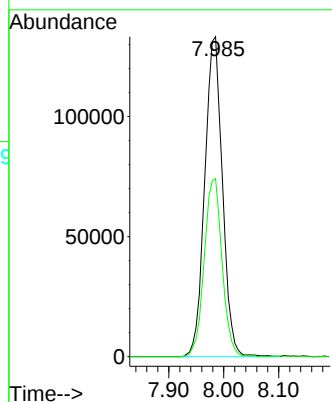
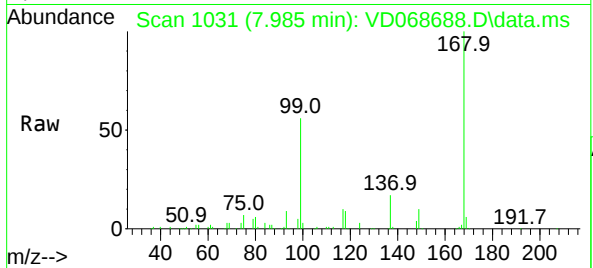




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VD068688.D
Acq: 26 Mar 2021 17:01

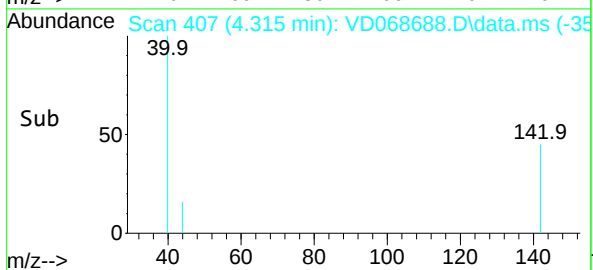
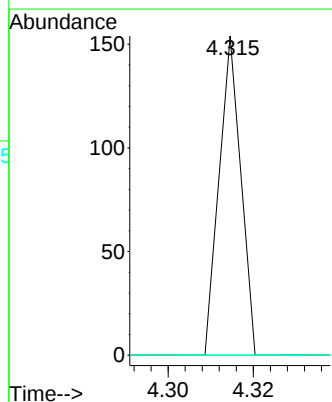
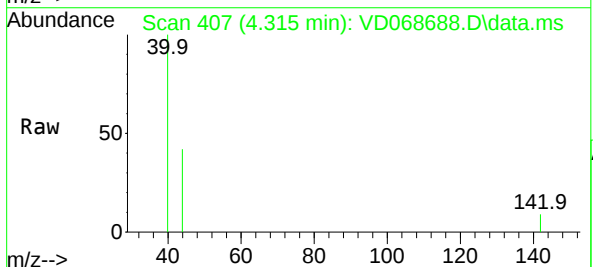
Instrument :
MSVOA_D
ClientSampled :

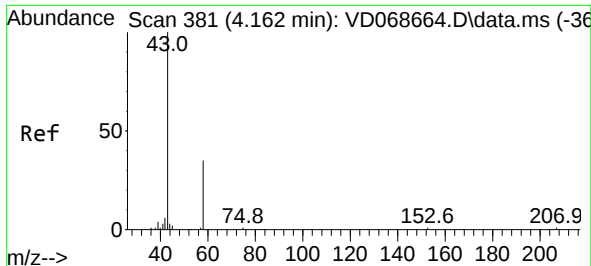
Tgt Ion:168 Resp: 298404
Ion Ratio Lower Upper
168 100
99 55.7 46.2 69.2



#10
Methyl Iodide
Concen: 3.48 ug/l
RT: 4.315 min Scan# 407
Delta R.T. 0.012 min
Lab File: VD068688.D
Acq: 26 Mar 2021 17:01

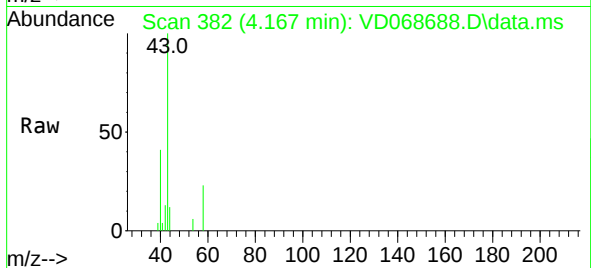
Tgt Ion:142 Resp: 54
Ion Ratio Lower Upper
142 100
127 0.0 34.7 52.1#
141 0.0 11.0 16.4#



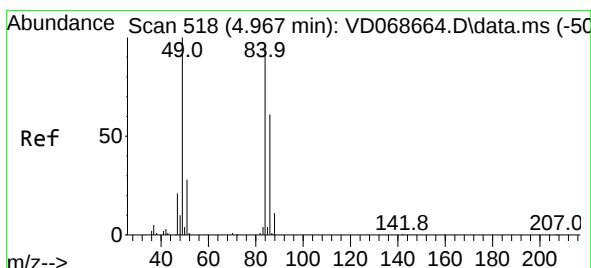
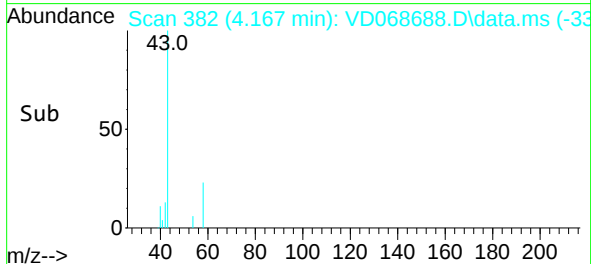
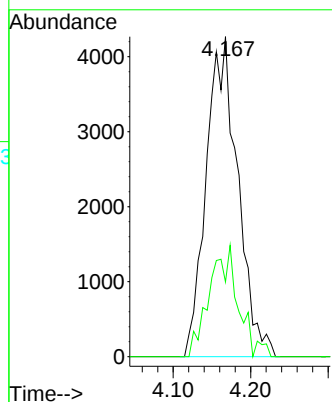


#16
Acetone
Concen: 33.03 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.006 min
Lab File: VD068688.D
Acq: 26 Mar 2021 17:01

Instrument :
MSVOA_D
ClientSampled :

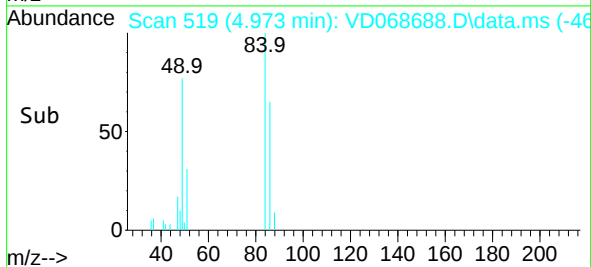
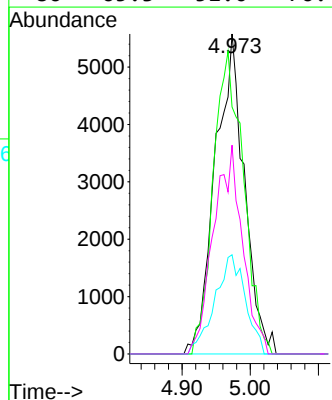
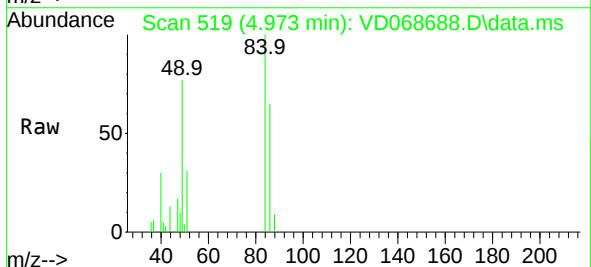


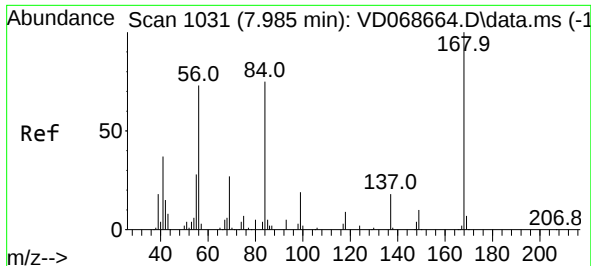
Tgt Ion: 43 Resp: 12059
Ion Ratio Lower Upper
43 100
58 23.4 28.0 42.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.973 min Scan# 519
Delta R.T. 0.006 min
Lab File: VD068688.D
Acq: 26 Mar 2021 17:01

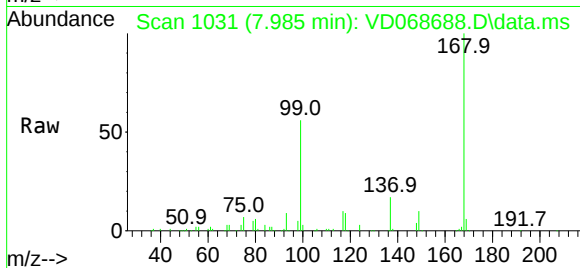
Tgt Ion: 84 Resp: 16551
Ion Ratio Lower Upper
84 100
49 77.2 83.4 125.0#
51 31.0 23.4 35.2
86 65.3 51.0 76.4



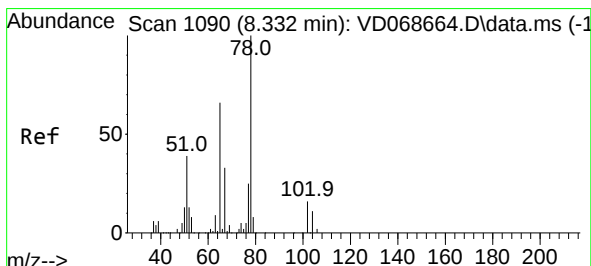
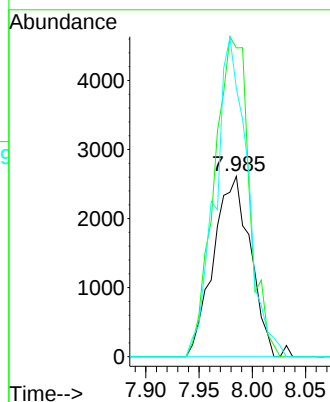
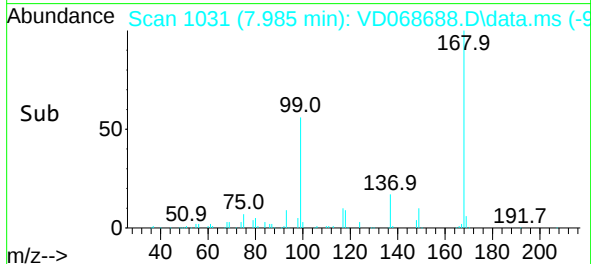


#31
Cyclohexane
Concen: 1.29 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068688.D
Acq: 26 Mar 2021 17:01

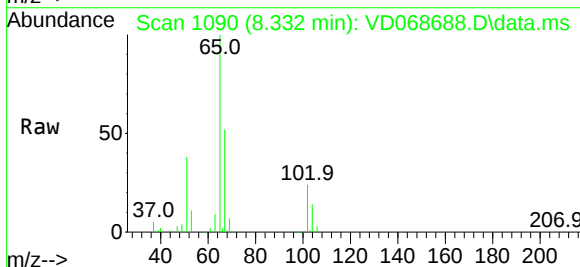
Instrument :
MSVOA_D
ClientSampled :



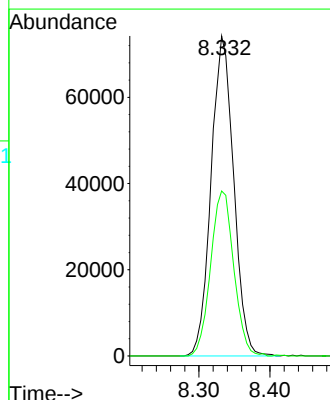
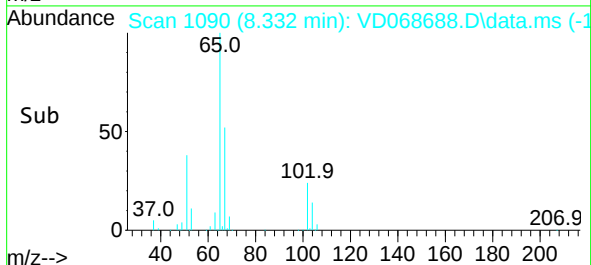
Tgt Ion: 56 Resp: 6267
Ion Ratio Lower Upper
56 100
69 171.2 30.0 45.0#
84 148.8 82.0 123.0#

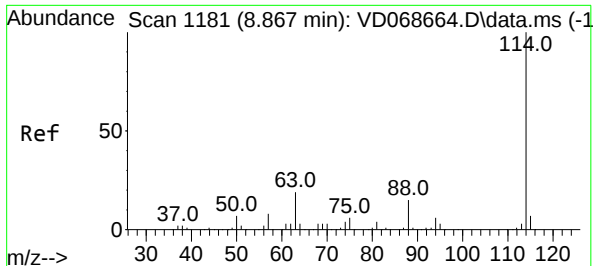


#33
1,2-Dichloroethane-d4
Concen: 54.39 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068688.D
Acq: 26 Mar 2021 17:01



Tgt Ion: 65 Resp: 163653
Ion Ratio Lower Upper
65 100
67 52.8 0.0 106.0

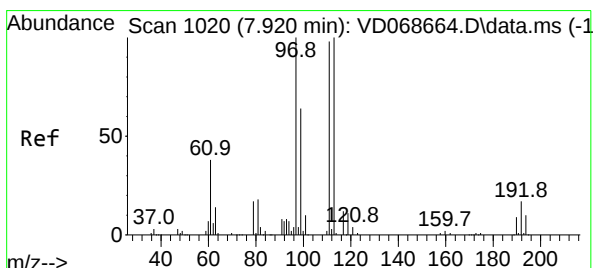
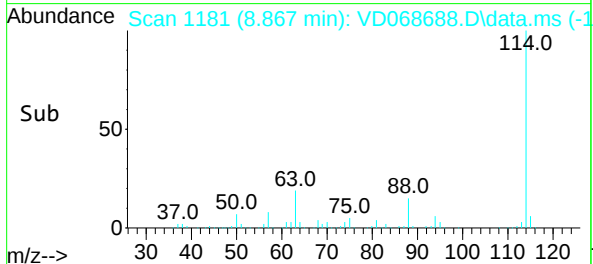
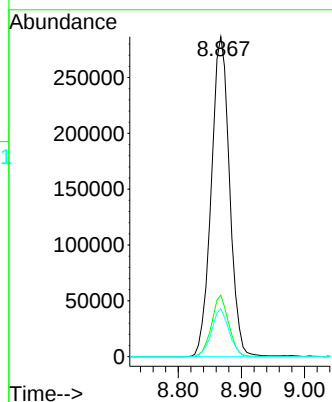
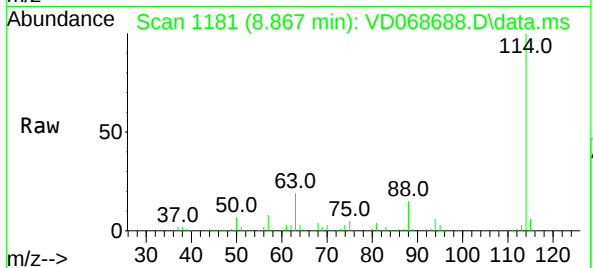




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. -0.000 min
Lab File: VD068688.D
Acq: 26 Mar 2021 17:01

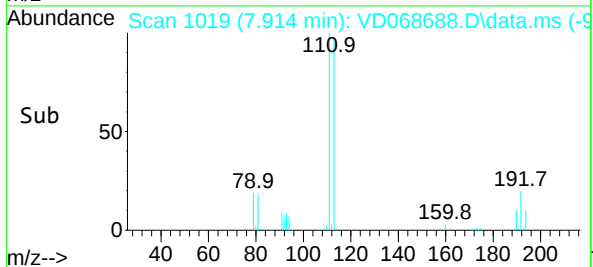
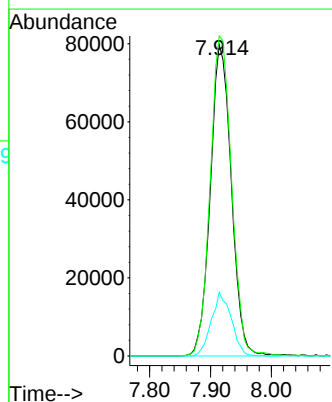
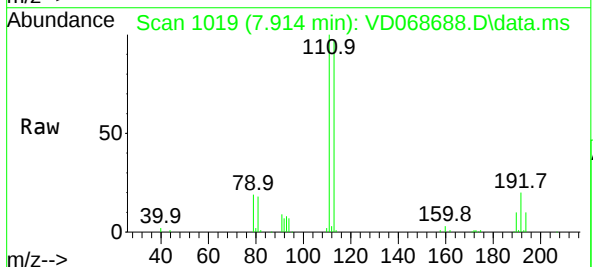
Instrument :
MSVOA_D
ClientSampled :

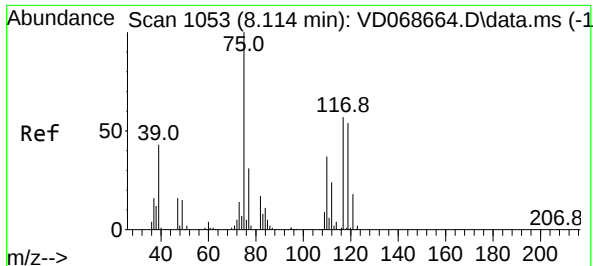
Tgt Ion:114 Resp: 575566
Ion Ratio Lower Upper
114 100
63 19.3 0.0 38.2
88 15.0 0.0 29.4



#35
Dibromofluoromethane
Concen: 53.37 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068688.D
Acq: 26 Mar 2021 17:01

Tgt Ion:113 Resp: 191130
Ion Ratio Lower Upper
113 100
111 104.6 82.5 123.7
192 19.4 15.1 22.7

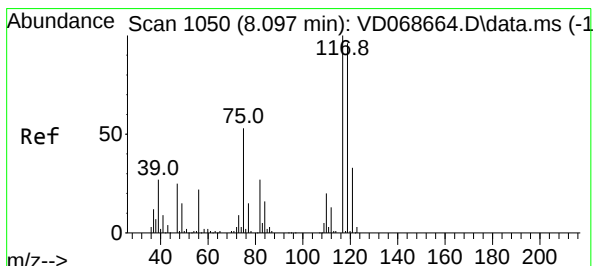
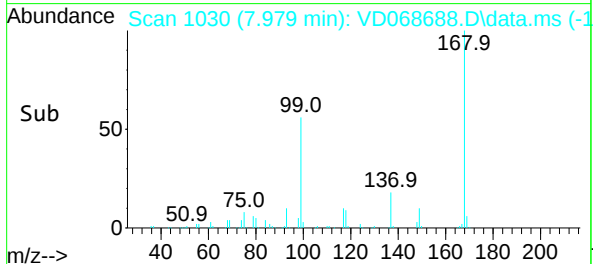
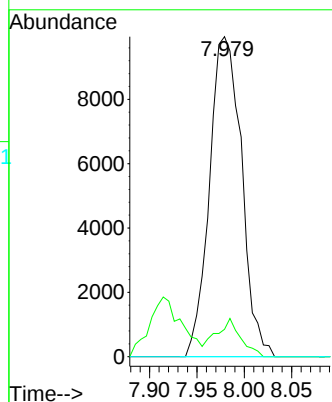
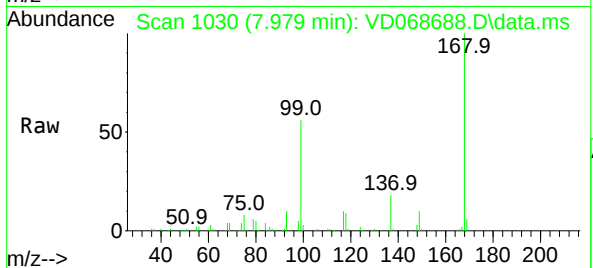




#36
1,1-Dichloropropene
Concen: 4.55 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.135 min
Lab File: VD068688.D
Acq: 26 Mar 2021 17:01

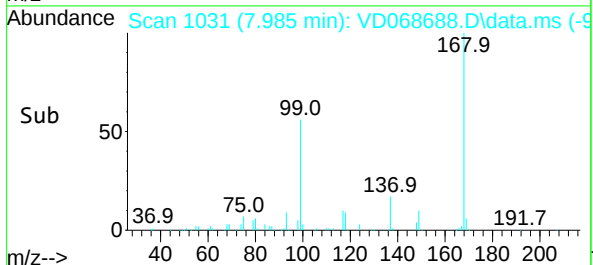
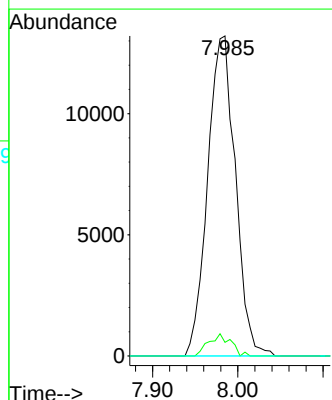
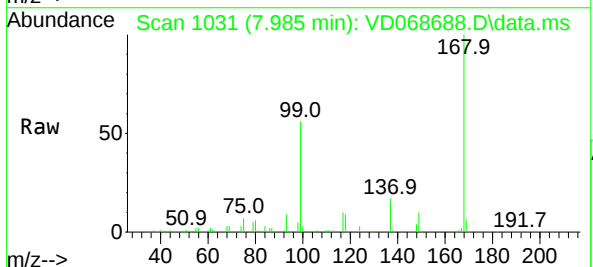
Instrument :
MSVOA_D
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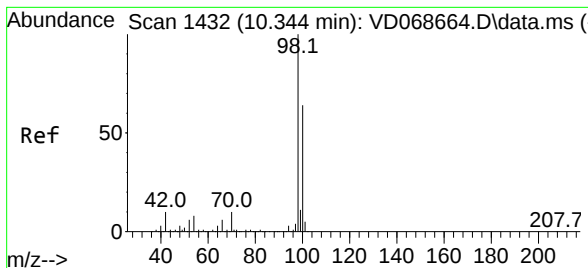
Tgt Ion: 75 Resp: 23414
Ion Ratio Lower Upper
75 100
110 9.3 18.1 54.4#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.83 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.112 min
Lab File: VD068688.D
Acq: 26 Mar 2021 17:01

Tgt Ion: 117 Resp: 29927
Ion Ratio Lower Upper
117 100
119 4.3 76.6 115.0#
121 0.0 26.1 39.1#

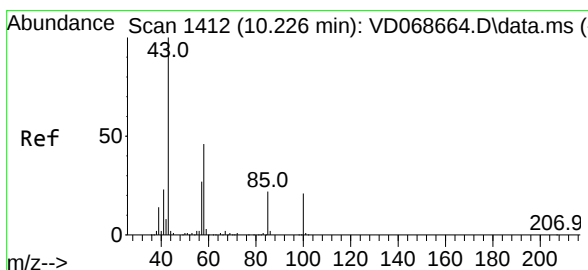
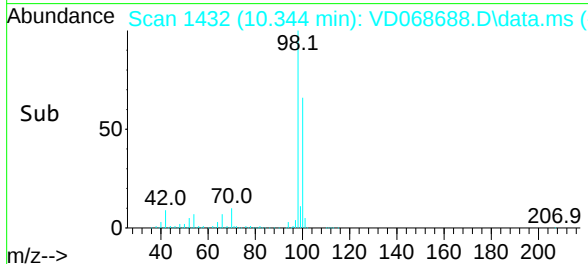
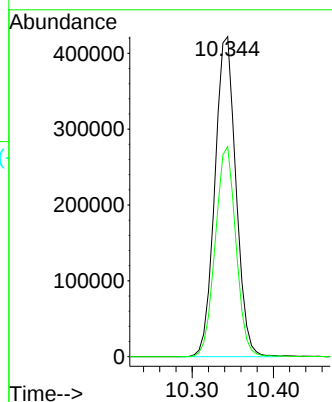
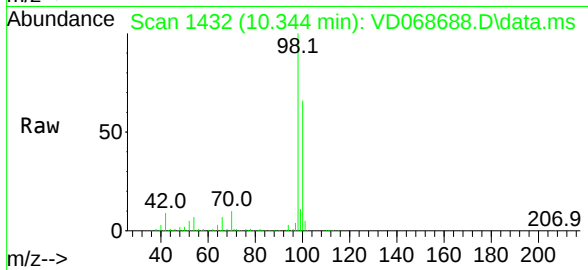




#50
Toluene-d8
Concen: 55.21 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. -0.000 min
Lab File: VD068688.D
Acq: 26 Mar 2021 17:01

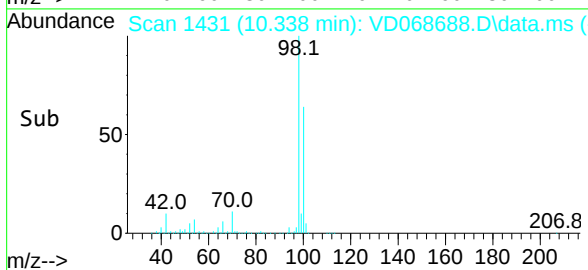
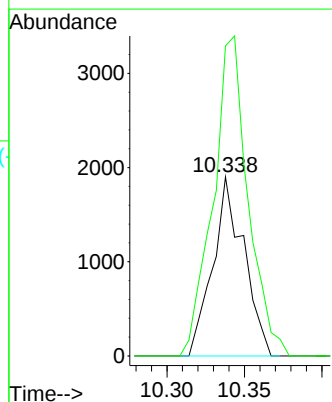
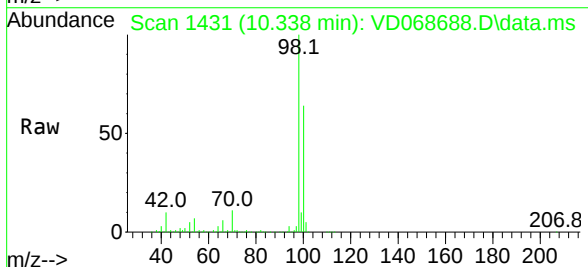
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MSVOA_D
ClientSampled :

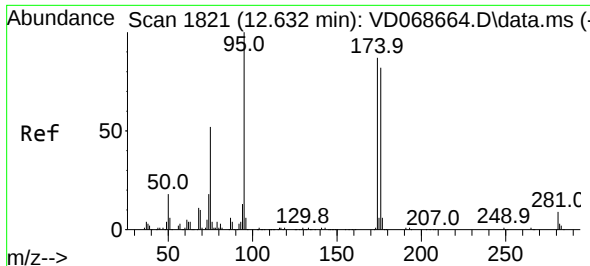
Tgt Ion: 98 Resp: 762254
Ion Ratio Lower Upper
98 100
100 64.4 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 1.63 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.112 min
Lab File: VD068688.D
Acq: 26 Mar 2021 17:01

Tgt Ion: 43 Resp: 2643
Ion Ratio Lower Upper
43 100
58 201.9 37.3 55.9#

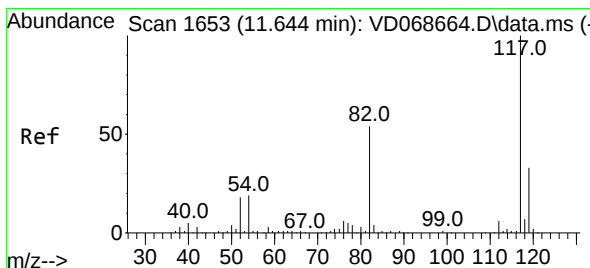
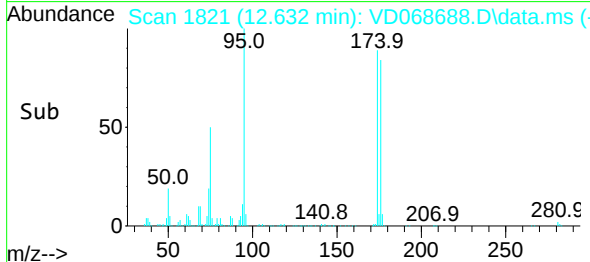
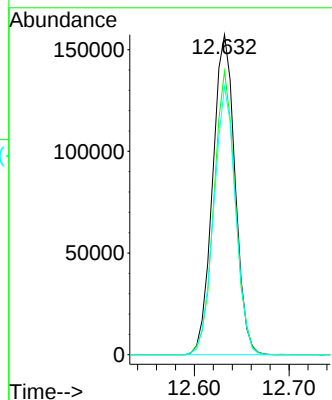
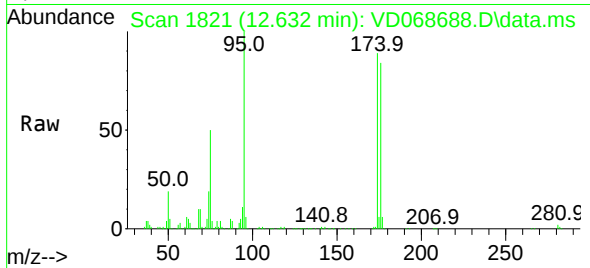




#62
4-Bromofluorobenzene
Concen: 57.56 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD068688.D
Acq: 26 Mar 2021 17:01

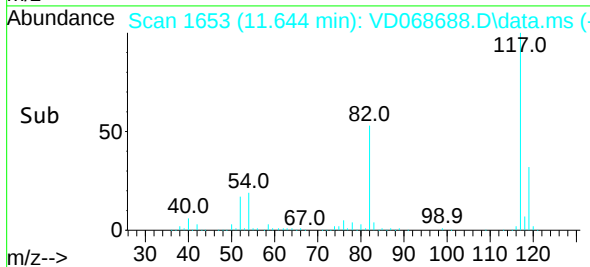
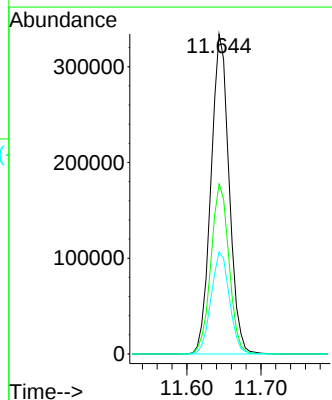
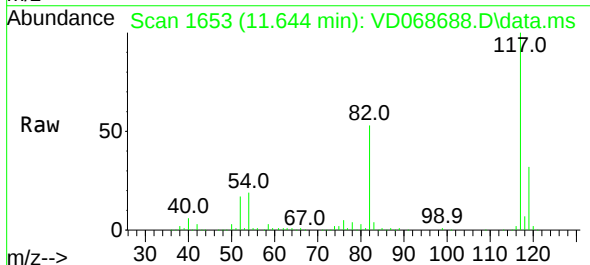
Instrument :
MSVOA_D
ClientSampleId :

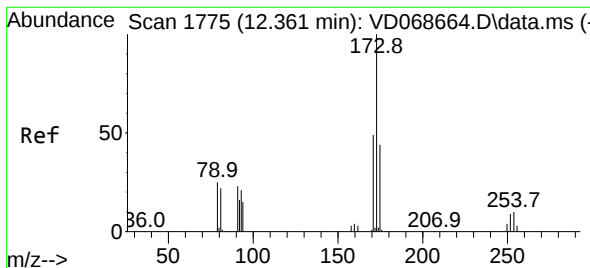
Tgt Ion: 95 Resp: 257641
Ion Ratio Lower Upper
95 100
174 84.9 0.0 168.0
176 81.9 0.0 160.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. -0.000 min
Lab File: VD068688.D
Acq: 26 Mar 2021 17:01

Tgt Ion: 117 Resp: 566581
Ion Ratio Lower Upper
117 100
82 53.1 43.5 65.3
119 31.9 26.7 40.1





#71

Bromoform

Concen: 1.08 ug/l

RT: 12.632 min Scan# 1821

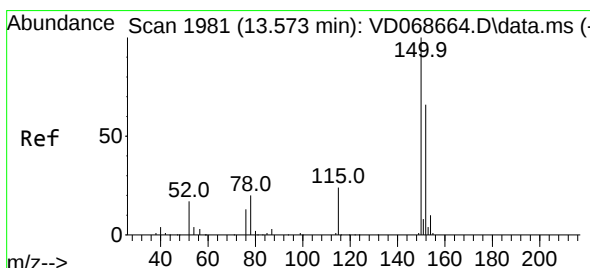
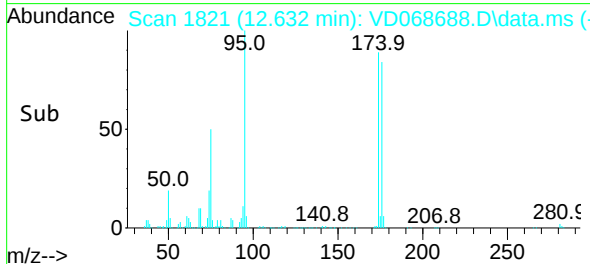
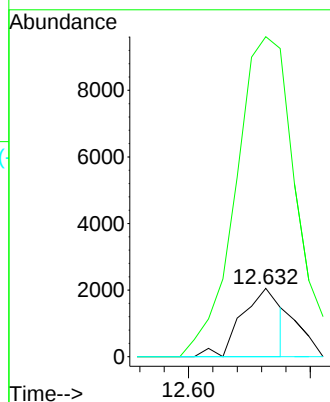
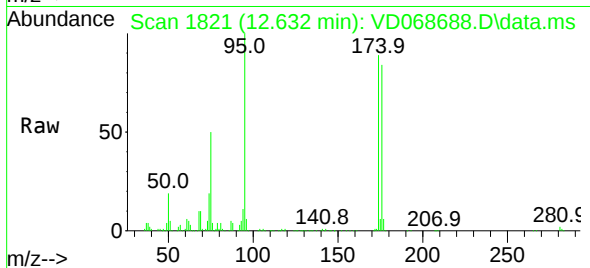
Delta R.T. 0.271 min

Lab File: VD068688.D

Acq: 26 Mar 2021 17:01

Tgt Ion:173 Resp: 2277

Ion	Ratio	Lower	Upper
173	100		
175	577.1	23.6	71.0#
254	0.0	0.0	0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.573 min Scan# 1981

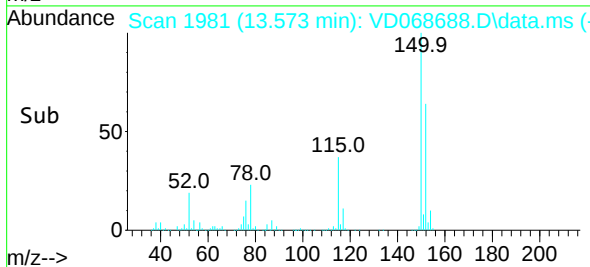
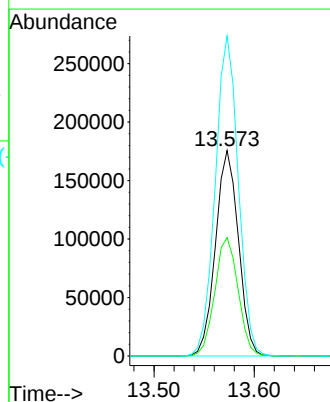
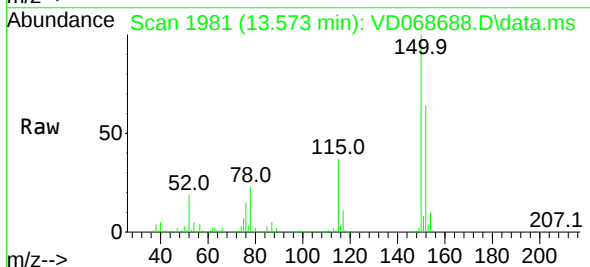
Delta R.T. -0.000 min

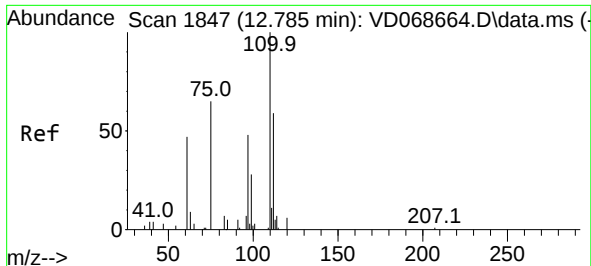
Lab File: VD068688.D

Acq: 26 Mar 2021 17:01

Tgt Ion:152 Resp: 279368

Ion	Ratio	Lower	Upper
152	100		
115	58.4	29.3	87.8
150	156.5	0.0	347.6

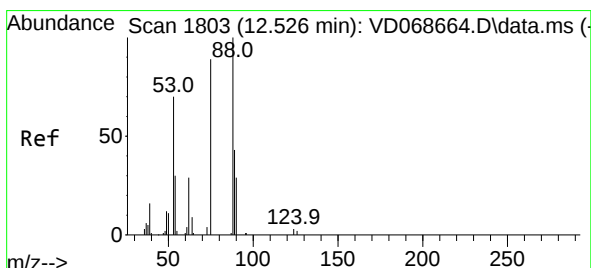
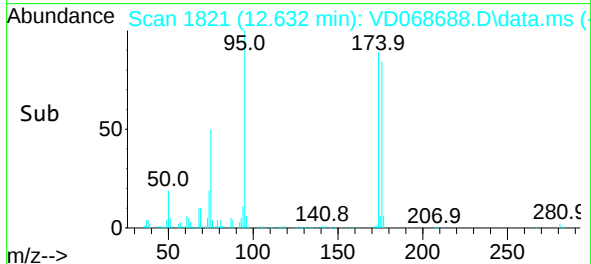
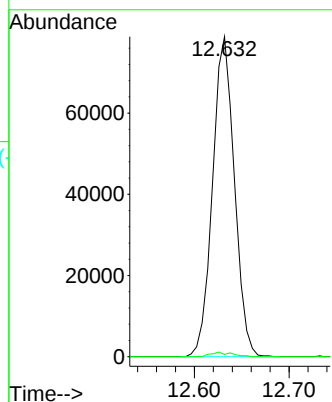
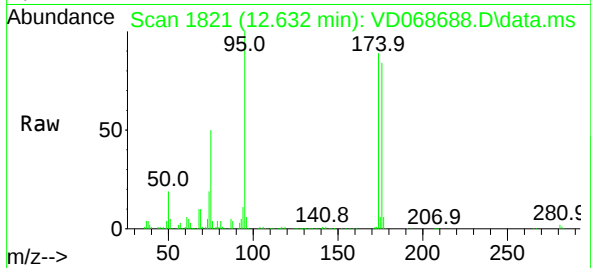




#76
1,2,3-Trichloropropane
Concen: 54.28 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD068688.D
Acq: 26 Mar 2021 17:01

Instrument :
MSVOA_D
ClientSampled :

Tgt Ion: 75 Resp: 126217
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 123.50 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068688.D
Acq: 26 Mar 2021 17:01

Tgt Ion: 75 Resp: 126217
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 36.6 54.8#

