

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020421\
 Data File : VD068291.D
 Acq On : 04 Feb 2021 21:51
 Operator : VA/SY
 Sample : M1315-03
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 05 00:08:21 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)

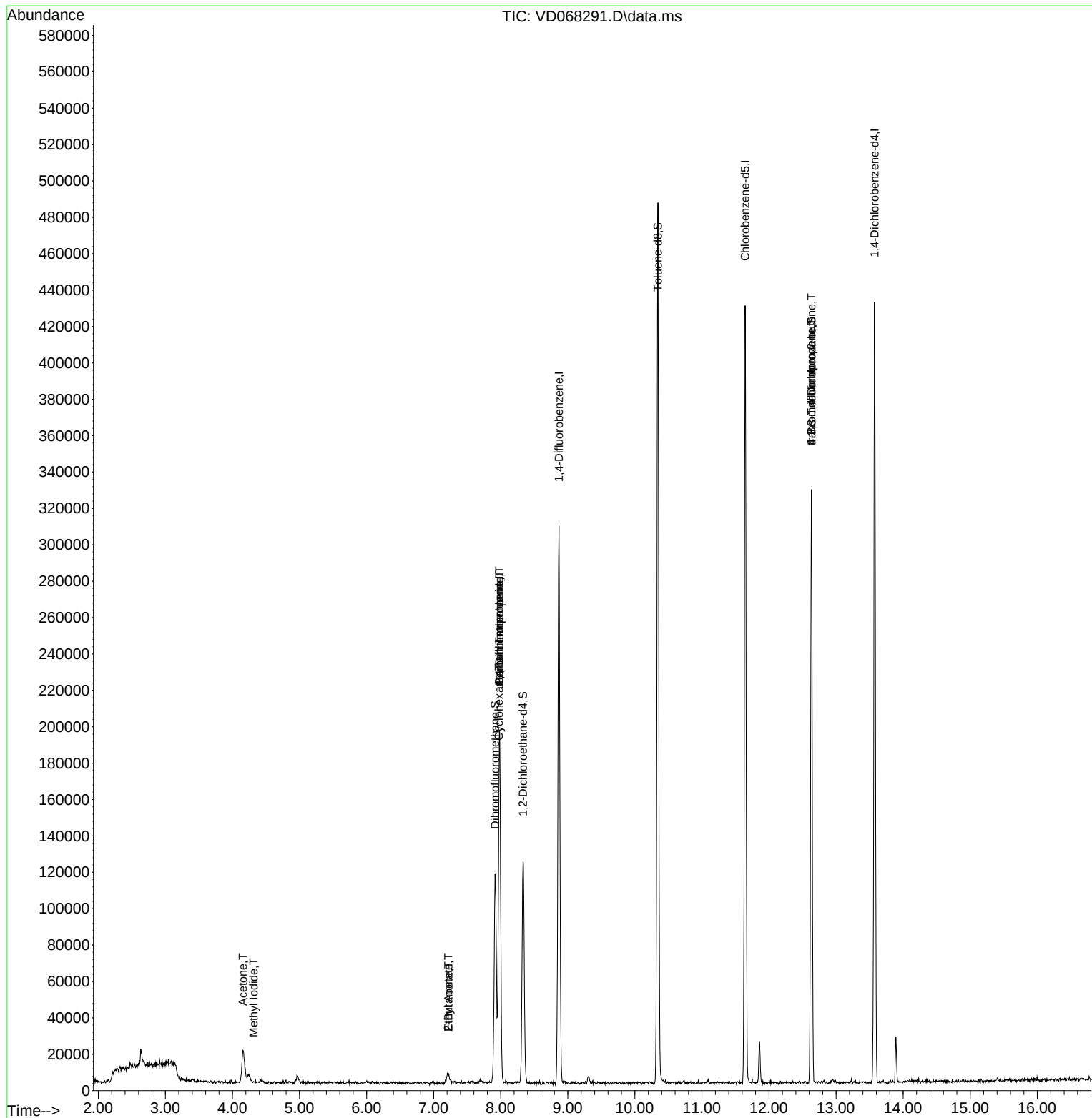
Internal Standards						
1) Pentafluorobenzene	7.979	168	148456	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	267265	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	251703	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	115310	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	100648	70.87	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	141.74%
35) Dibromofluoromethane	7.914	113	84339	57.08	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	114.16%
50) Toluene-d8	10.344	98	336965	57.01	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	114.02%
62) 4-Bromofluorobenzene	12.632	95	112989	53.09	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	106.18%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.315	142	61	3.19	ug/l #	38
11) Tert butyl alcohol	5.209	59	105	Below	Cal #	74
16) Acetone	4.156	43	32917	129.81	ug/l	97
20) Methylene Chloride	4.967	84	2938	Below	Cal #	87
25) 2-Butanone	7.220	43	7763	20.33	ug/l #	82
31) Cyclohexane	7.973	56	3802	1.24	ug/l #	67
36) 1,1-Dichloropropene	7.979	75	11736	4.35	ug/l #	48
37) Ethyl Acetate	7.220	43	7763	8.14	ug/l #	64
38) Carbon Tetrachloride	7.979	117	14475	5.74	ug/l #	19
76) 1,2,3-Trichloropropane	12.632	75	57332	51.42	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	57332	104.06	ug/l #	13

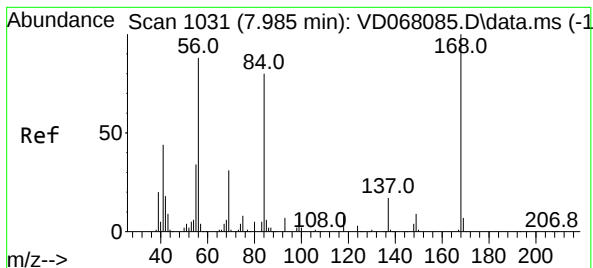
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Feb 05 00:08:21 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

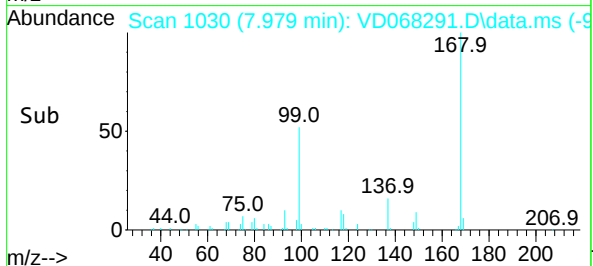
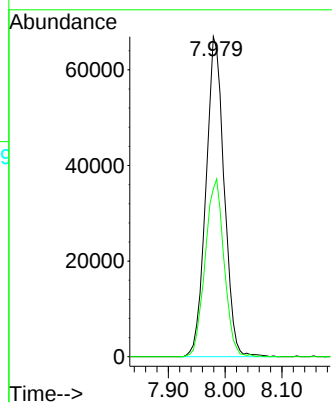
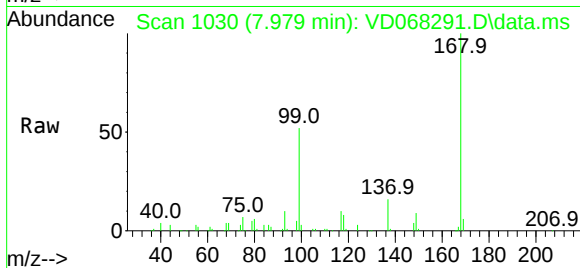




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068291.D
Acq: 04 Feb 2021 21:51

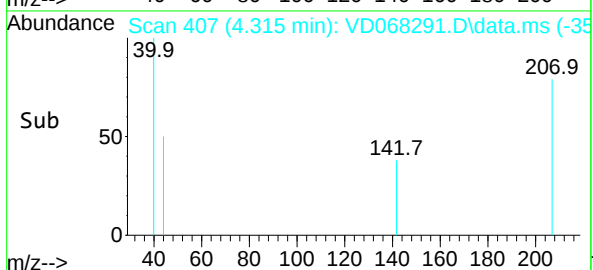
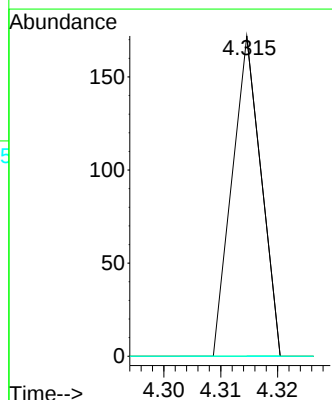
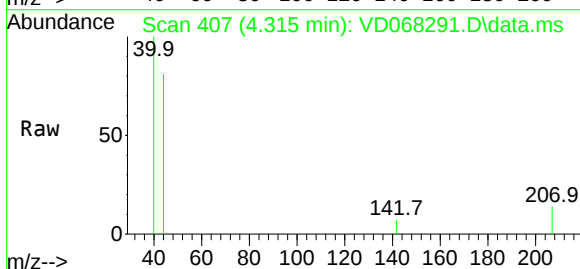
Instrument :
MSVOA_D
ClientSampled :

Tgt Ion:168 Resp: 148456
Ion Ratio Lower Upper
168 100
99 52.5 43.5 65.3



#10
Methyl Iodide
Concen: 3.19 ug/l
RT: 4.315 min Scan# 407
Delta R.T. 0.007 min
Lab File: VD068291.D
Acq: 04 Feb 2021 21:51

Tgt Ion:142 Resp: 61
Ion Ratio Lower Upper
142 100
127 0.0 37.9 56.9#
141 0.0 11.5 17.3#



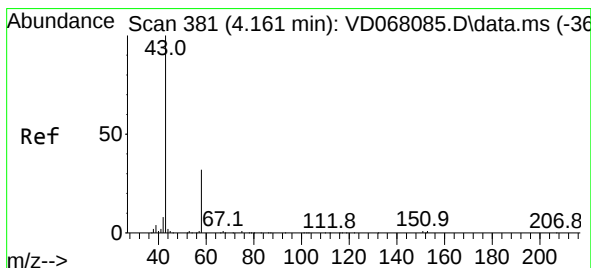
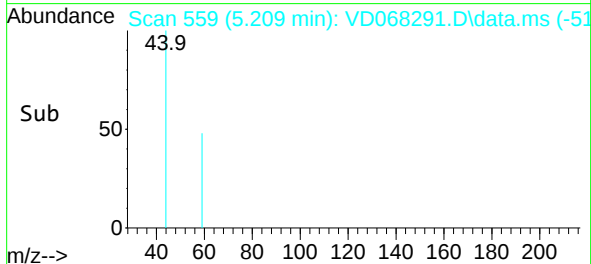
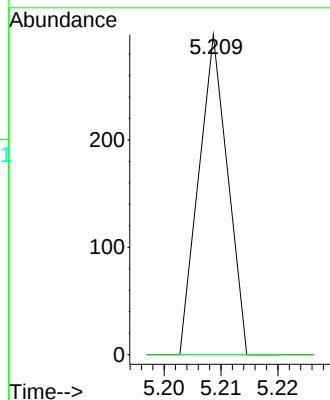
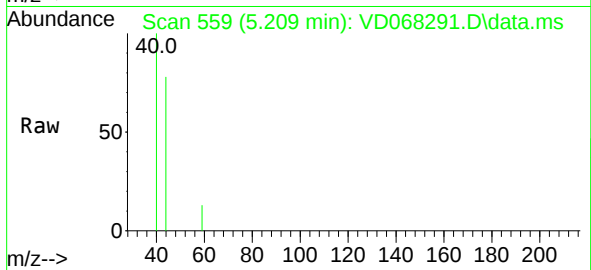


#11

Tert butyl alcohol
Concen: Below Cal
RT: 5.209 min Scan# 559
Delta R.T. -0.011 min
Lab File: VD068291.D
Acq: 04 Feb 2021 21:51

Instrument :
MSVOA_D
ClientSampled :

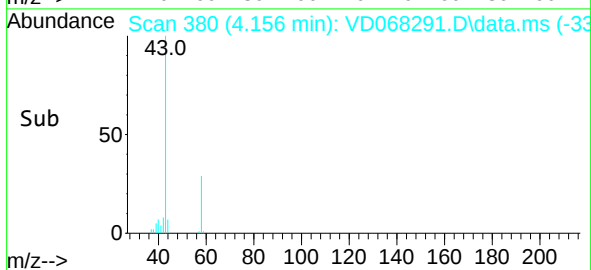
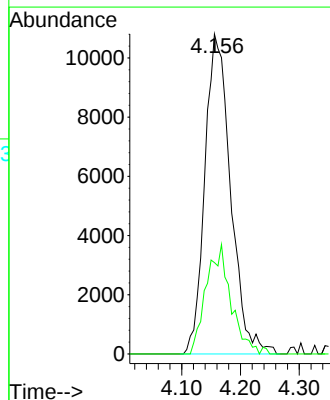
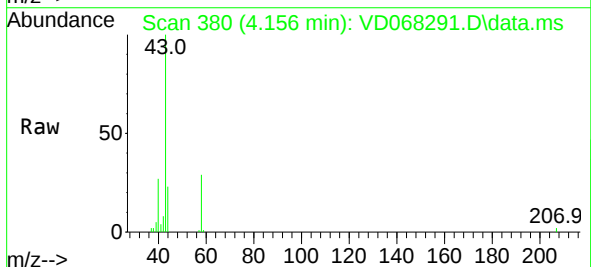
Tgt Ion: 59 Resp: 105
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#



#16

Acetone
Concen: 129.81 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.006 min
Lab File: VD068291.D
Acq: 04 Feb 2021 21:51

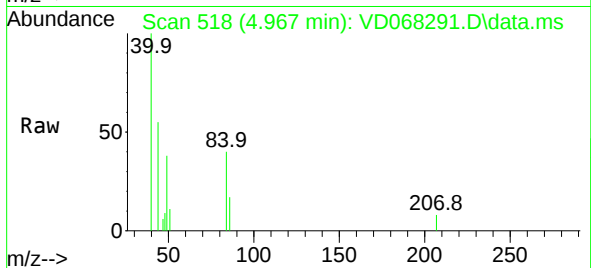
Tgt Ion: 43 Resp: 32917
Ion Ratio Lower Upper
43 100
58 28.6 24.2 36.4



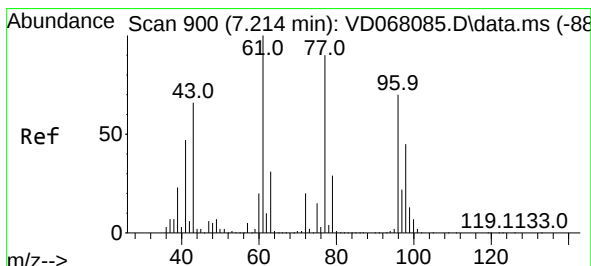
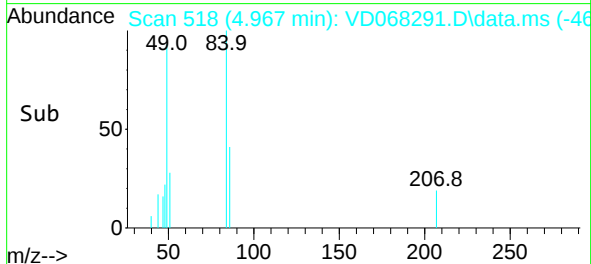
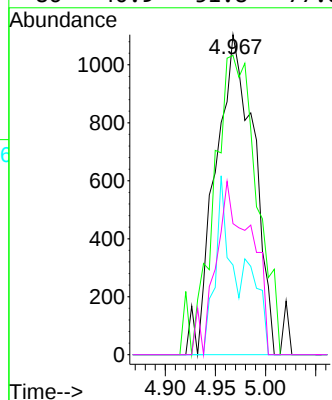


#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. -0.006 min
Lab File: VD068291.D
Acq: 04 Feb 2021 21:51

Instrument :
MSVOA_D
ClientSampleId :

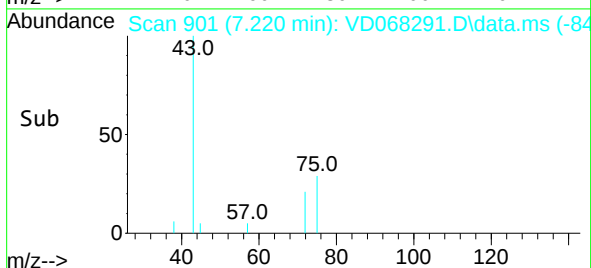
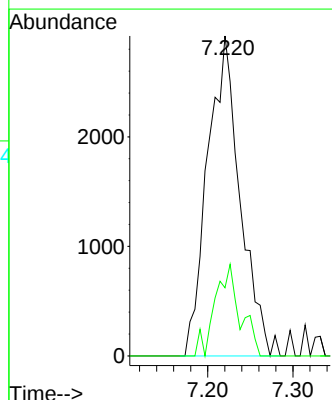
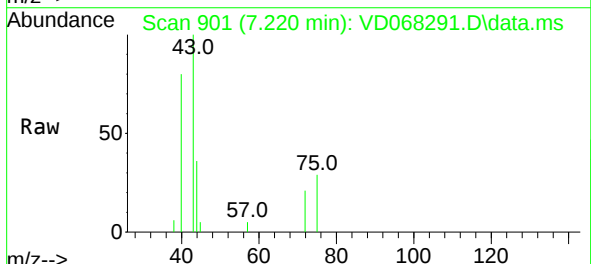


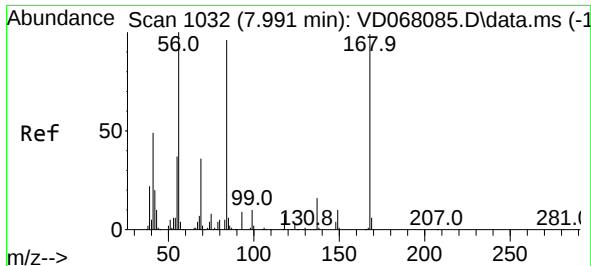
Tgt Ion:	84	Resp:	2938
Ion	Ratio	Lower	Upper
84	100		
49	93.5	77.4	116.2
51	28.0	26.1	39.1
86	40.9	51.8	77.8#



#25
2-Butanone
Concen: 20.33 ug/l
RT: 7.220 min Scan# 901
Delta R.T. 0.006 min
Lab File: VD068291.D
Acq: 04 Feb 2021 21:51

Tgt Ion:	43	Resp:	7763
Ion	Ratio	Lower	Upper
43	100		
72	21.3	25.1	37.7#

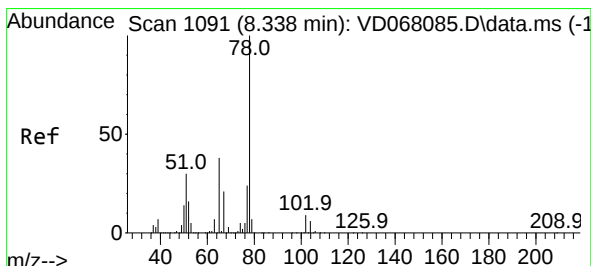
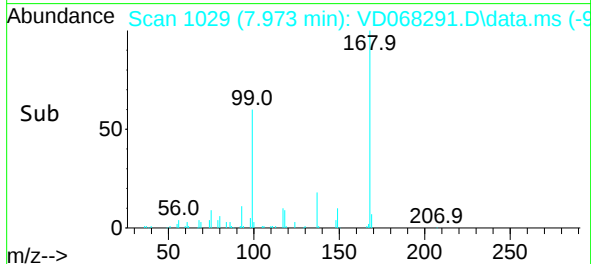
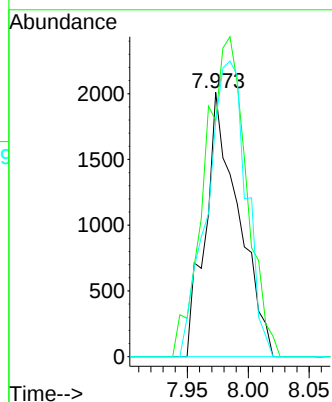
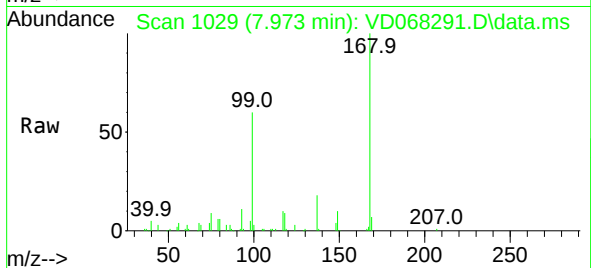




#31
Cyclohexane
Concen: 1.24 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.017 min
Lab File: VD068291.D
Acq: 04 Feb 2021 21:51

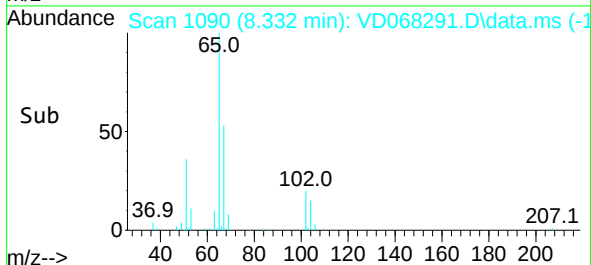
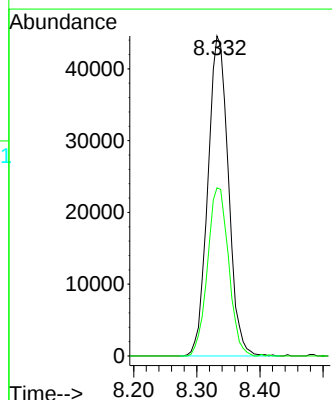
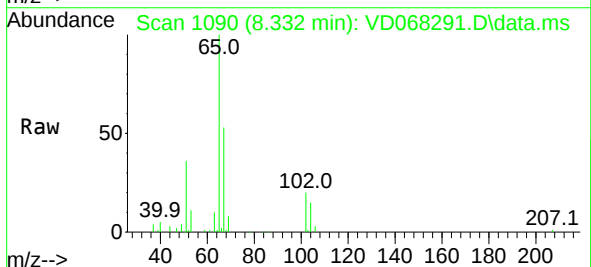
Instrument :
MSVOA_D
ClientSampled :

Tgt Ion: 56 Resp: 3802
Ion Ratio Lower Upper
56 100
69 89.4 30.1 45.1#
84 89.3 82.1 123.1



#33
1,2-Dichloroethane-d4
Concen: 70.87 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VD068291.D
Acq: 04 Feb 2021 21:51

Tgt Ion: 65 Resp: 100648
Ion Ratio Lower Upper
65 100
67 54.0 0.0 105.0

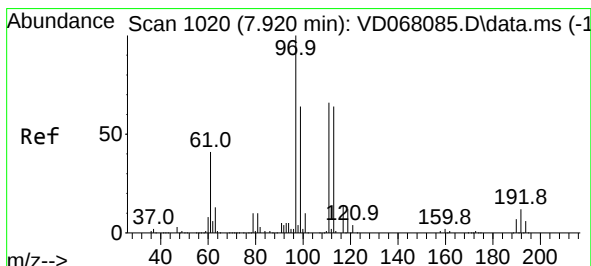
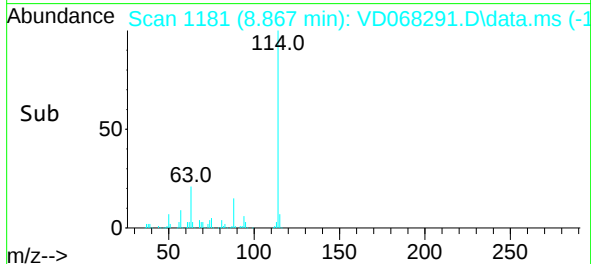
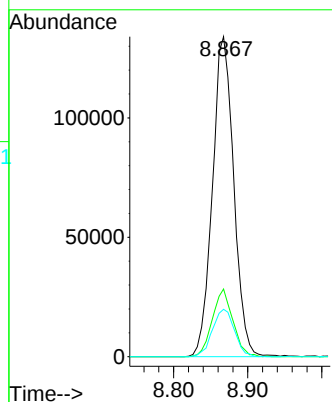
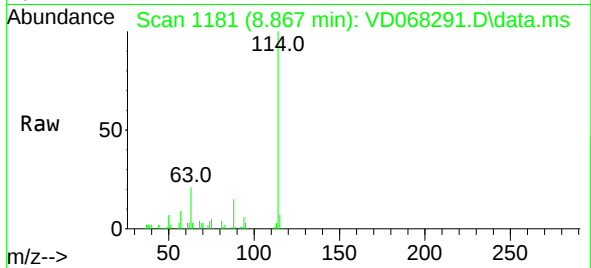




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068291.D
Acq: 04 Feb 2021 21:51

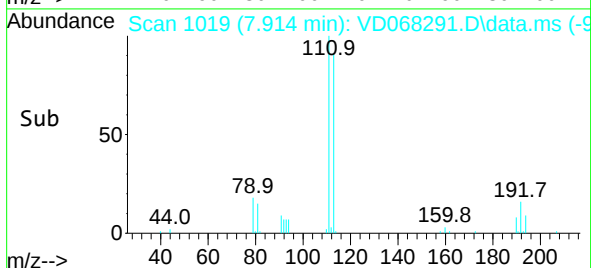
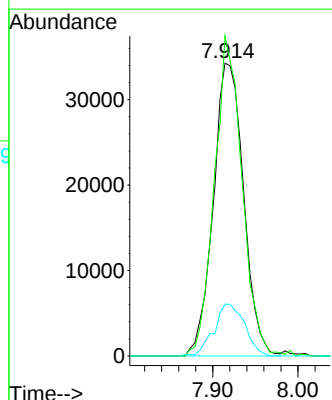
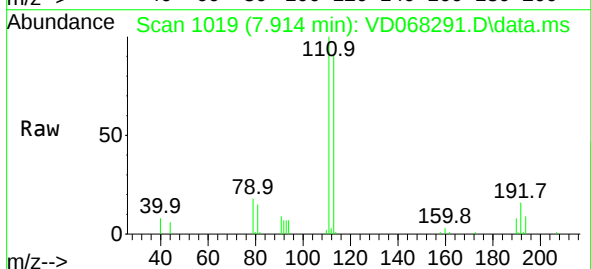
Instrument :
MSVOA_D
ClientSampled :

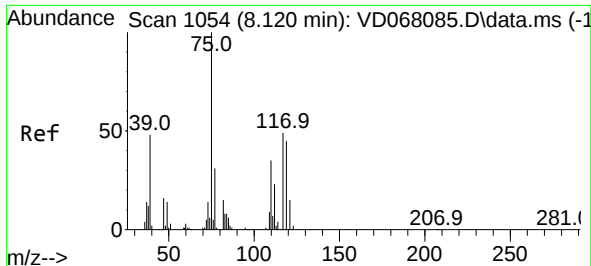
Tgt Ion:	114	Resp:	267265
Ion Ratio	Lower	Upper	
114	100		
63	21.1	0.0	34.8
88	14.8	0.0	31.6



#35
Dibromofluoromethane
Concen: 57.08 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068291.D
Acq: 04 Feb 2021 21:51

Tgt Ion:	113	Resp:	84339
Ion Ratio	Lower	Upper	
113	100		
111	99.9	81.4	122.0
192	18.0	16.1	24.1

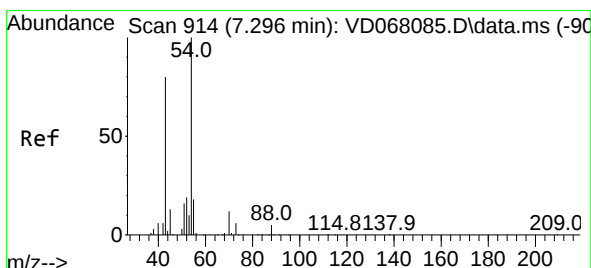
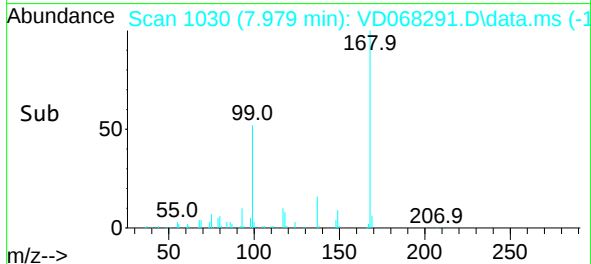
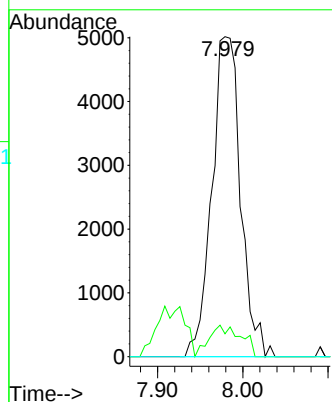
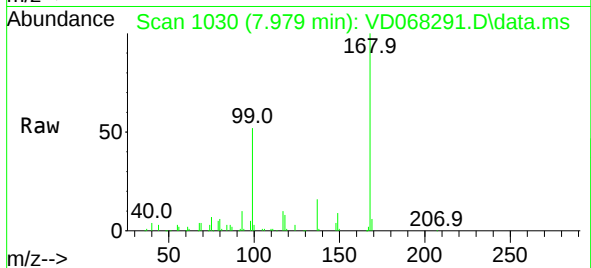




#36
1,1-Dichloropropene
Concen: 4.35 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.141 min
Lab File: VD068291.D
Acq: 04 Feb 2021 21:51

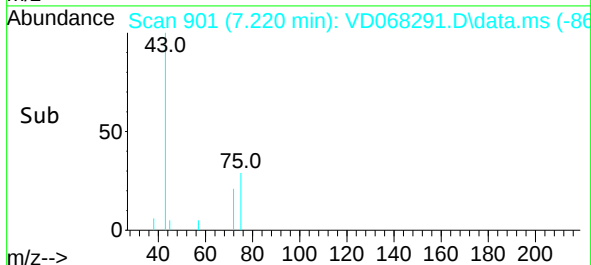
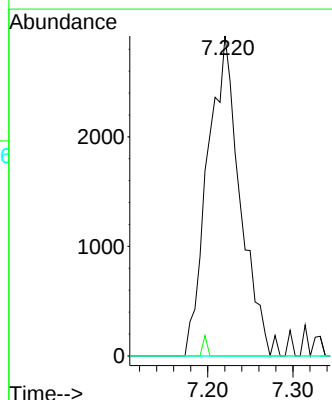
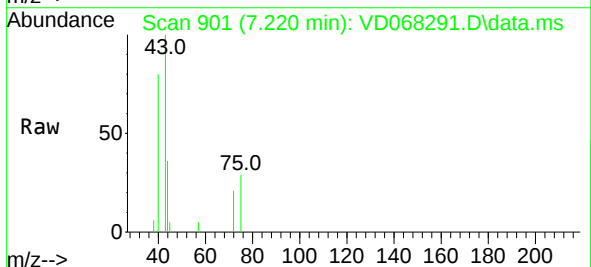
Instrument :
MSVOA_D
ClientSampled :

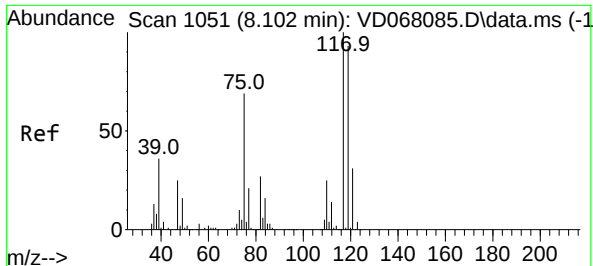
Tgt Ion: 75 Resp: 11736
Ion Ratio Lower Upper
75 100
110 9.9 19.4 58.2#
77 0.0 25.3 37.9#



#37
Ethyl Acetate
Concen: 8.14 ug/l
RT: 7.220 min Scan# 901
Delta R.T. -0.076 min
Lab File: VD068291.D
Acq: 04 Feb 2021 21:51

Tgt Ion: 43 Resp: 7763
Ion Ratio Lower Upper
43 100
61 0.0 12.9 19.3#
70 0.0 11.0 16.6#

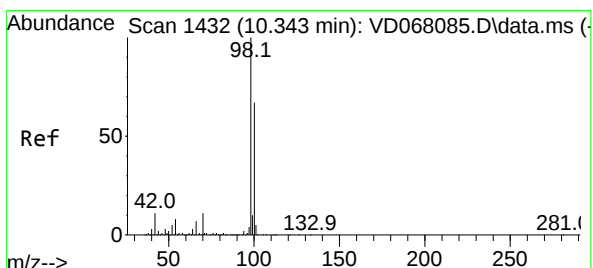
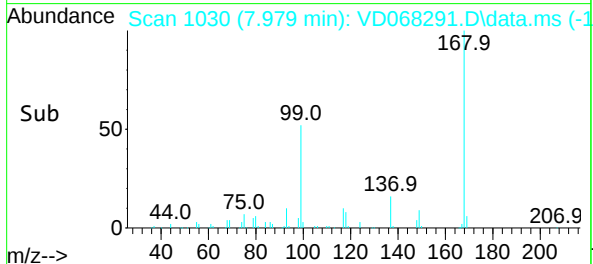
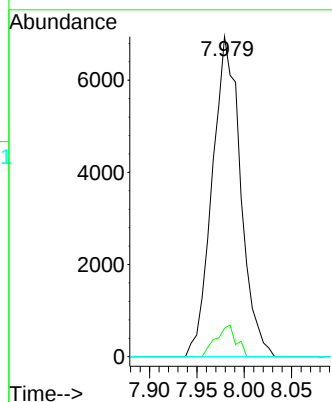
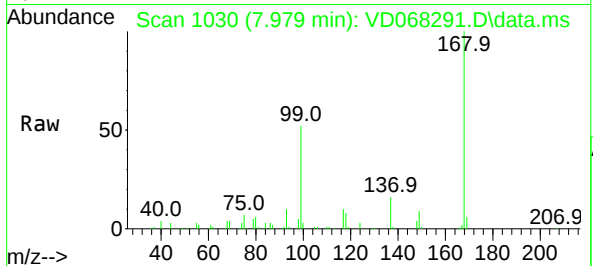




#38
Carbon Tetrachloride
Concen: 5.74 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.123 min
Lab File: VD068291.D
Acq: 04 Feb 2021 21:51

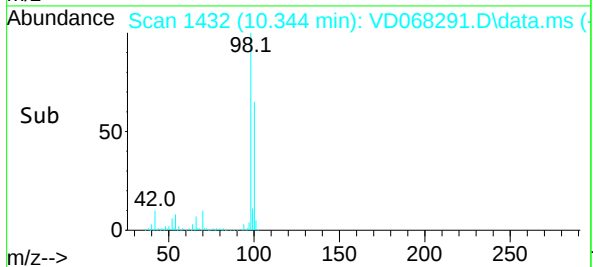
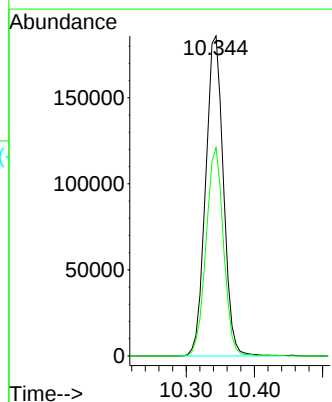
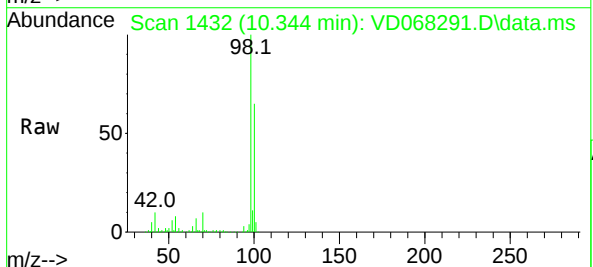
Instrument :
MSVOA_D
ClientSampled :

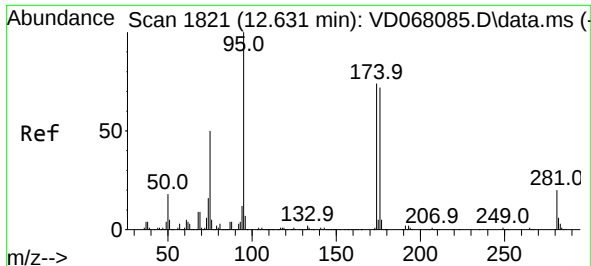
Tgt Ion:117 Resp: 14475
Ion Ratio Lower Upper
117 100
119 8.9 77.3 115.9#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 57.01 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068291.D
Acq: 04 Feb 2021 21:51

Tgt Ion: 98 Resp: 336965
Ion Ratio Lower Upper
98 100
100 64.3 53.0 79.4

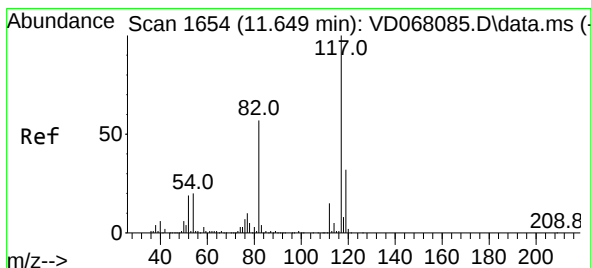
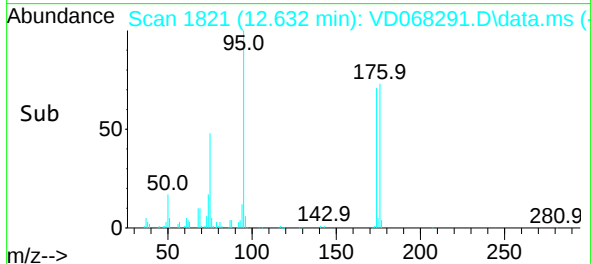
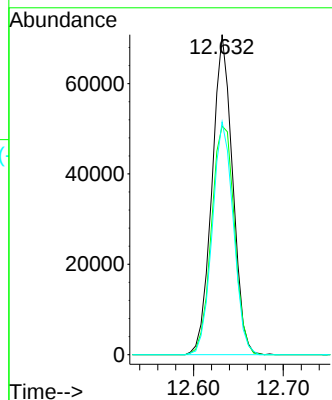
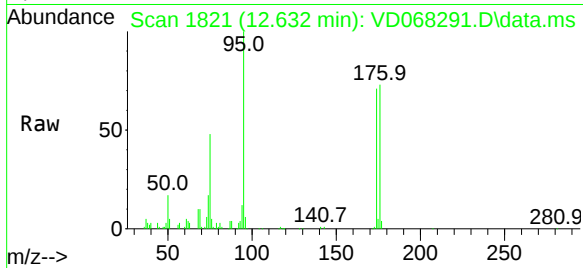




#62
4-Bromofluorobenzene
Concen: 53.09 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068291.D
Acq: 04 Feb 2021 21:51

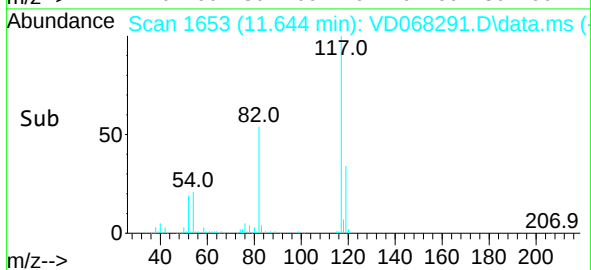
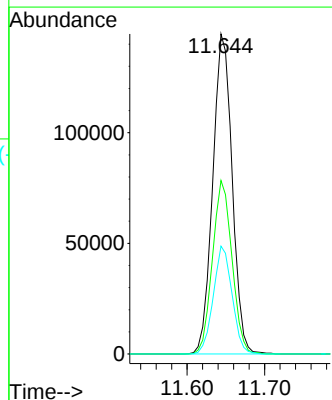
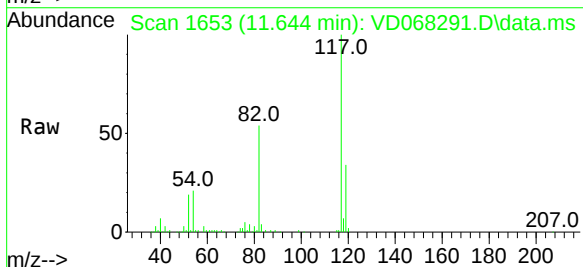
Instrument :
MSVOA_D
ClientSampleId :

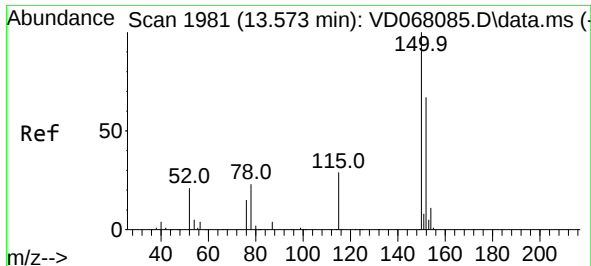
Tgt Ion: 95 Resp: 112989
Ion Ratio Lower Upper
95 100
174 79.3 0.0 172.4
176 74.3 0.0 168.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. -0.005 min
Lab File: VD068291.D
Acq: 04 Feb 2021 21:51

Tgt Ion: 117 Resp: 251703
Ion Ratio Lower Upper
117 100
82 54.2 41.4 62.0
119 33.7 26.1 39.1

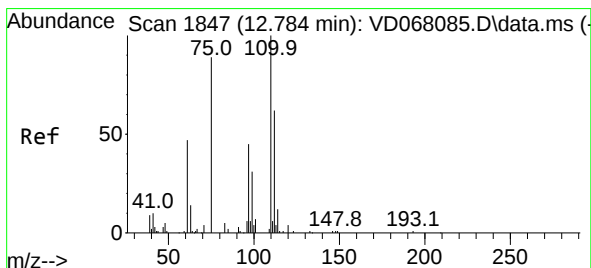
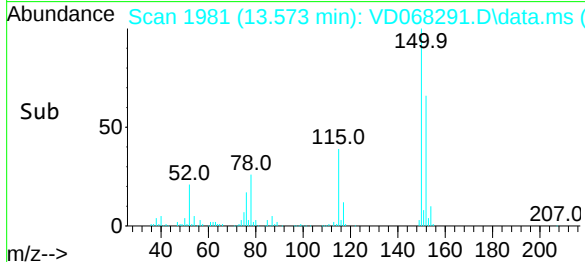
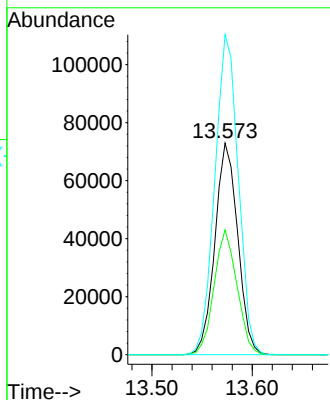
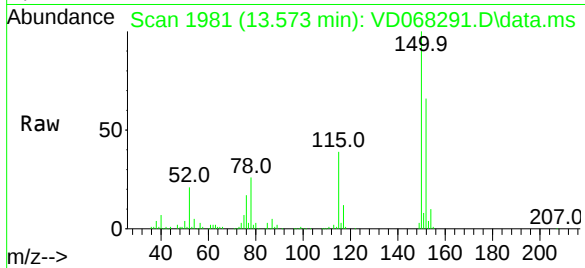




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.573 min Scan# 1981
 Delta R.T. 0.000 min
 Lab File: VD068291.D
 Acq: 04 Feb 2021 21:51

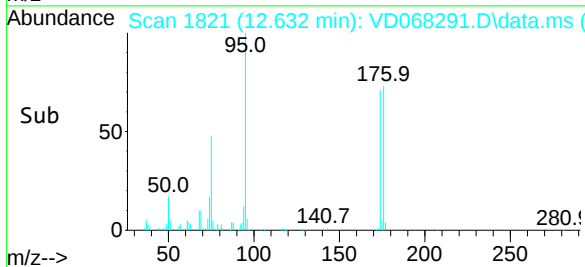
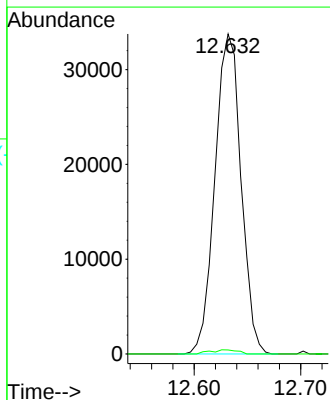
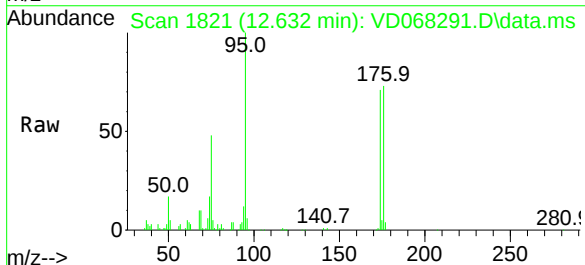
Instrument :
 MSVOA_D
 ClientSampleId :

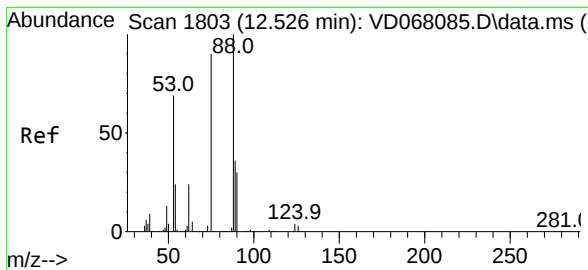
Tgt Ion:152 Resp: 115310
 Ion Ratio Lower Upper
 152 100
 115 59.2 28.9 86.8
 150 155.6 0.0 344.4



#76
 1,2,3-Trichloropropane
 Concen: 51.42 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. -0.153 min
 Lab File: VD068291.D
 Acq: 04 Feb 2021 21:51

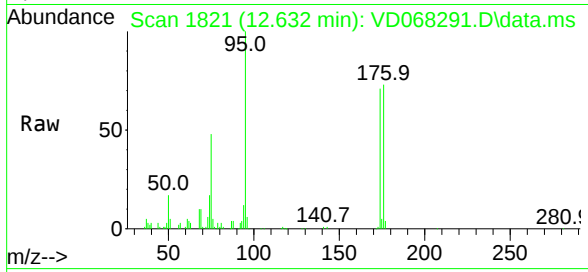
Tgt Ion: 75 Resp: 57332
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 104.06 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. 0.106 min
 Lab File: VD068291.D
 Acq: 04 Feb 2021 21:51

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75 Resp: 57332
 Ion Ratio Lower Upper
 75 100
 53 0.0 70.2 105.2#
 89 0.0 40.3 60.5#

