

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020521\
 Data File : VD068296.D
 Acq On : 05 Feb 2021 12:23
 Operator : VA/SY
 Sample : VD0205SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 05 21:39:56 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)

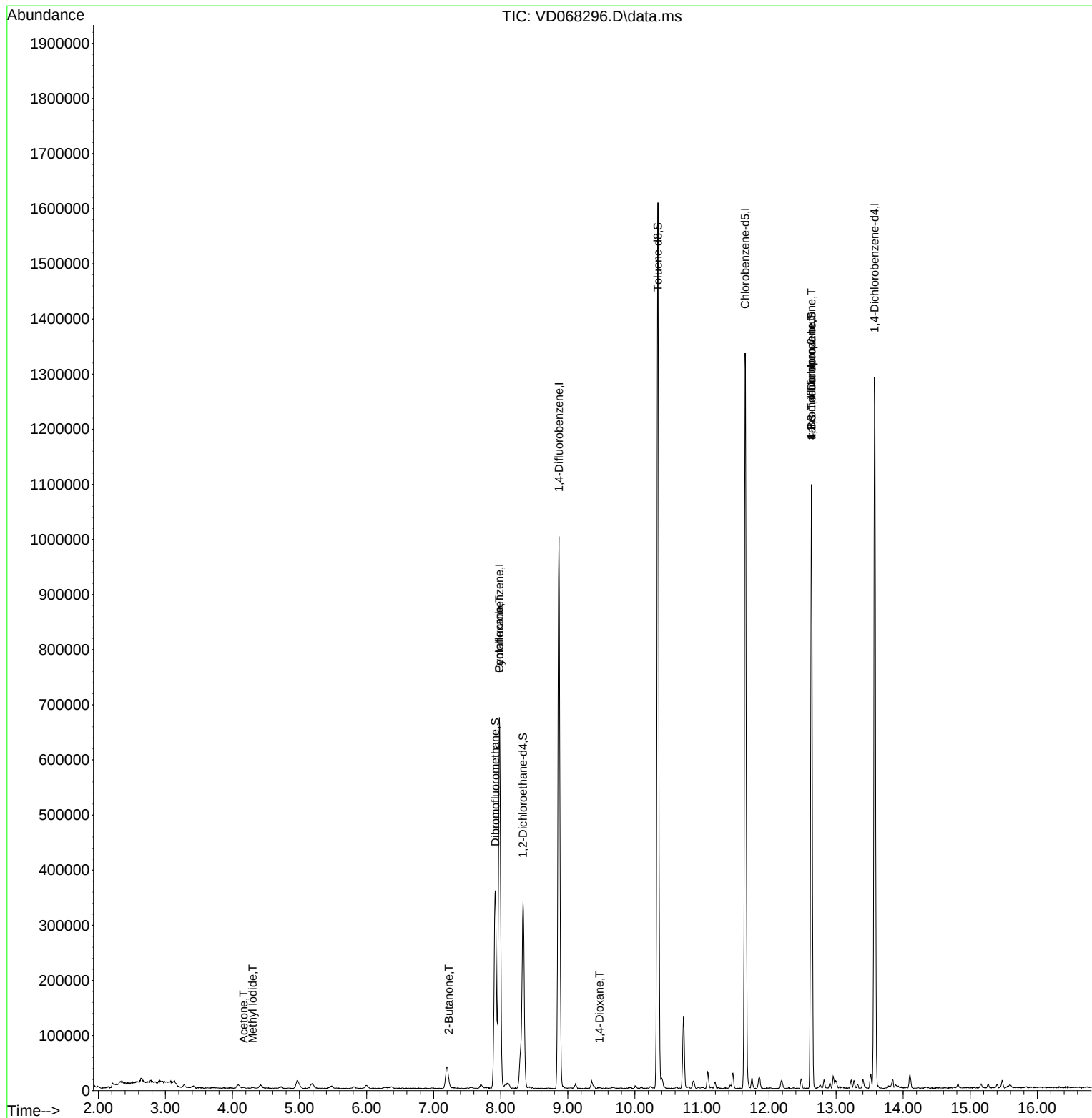
Internal Standards						
1) Pentafluorobenzene	7.979	168	493399	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	895548	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	803301	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	350797	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	263196	55.76	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.52%
35) Dibromofluoromethane	7.920	113	265178	53.56	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.12%
50) Toluene-d8	10.344	98	1122731	56.69	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	113.38%
62) 4-Bromofluorobenzene	12.632	95	354859	49.76	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.52%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.303	142	2261	3.51	ug/l #	63
11) Tert butyl alcohol	5.173	59	3587	Below Cal	#	74
16) Acetone	4.168	43	2352	2.79	ug/l	99
20) Methylene Chloride	4.967	84	11488	Below Cal		95
25) 2-Butanone	7.226	43	3203	2.52	ug/l #	86
31) Cyclohexane	7.979	56	14618	1.43	ug/l #	43
49) 1,4-Dioxane	9.473	88	81	2.21	ug/l #	2
76) 1,2,3-Trichloropropane	12.632	75	178040	52.49	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	178040	106.22	ug/l #	13

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

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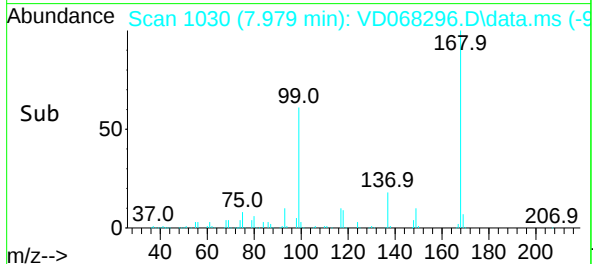
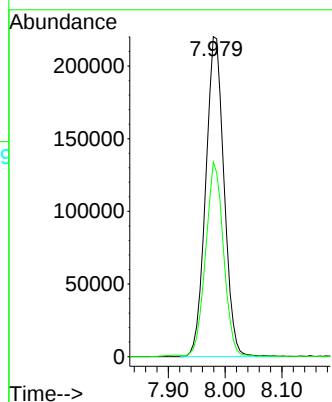
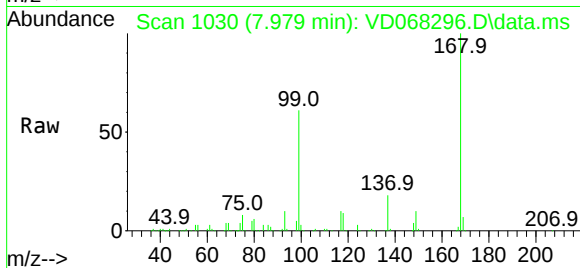




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068296.D
Acq: 05 Feb 2021 12:23

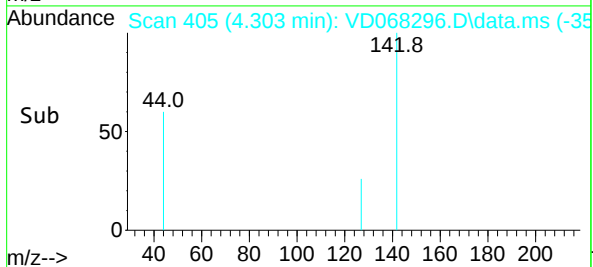
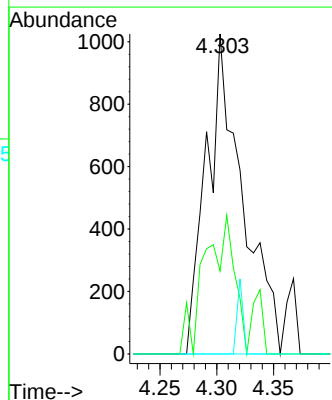
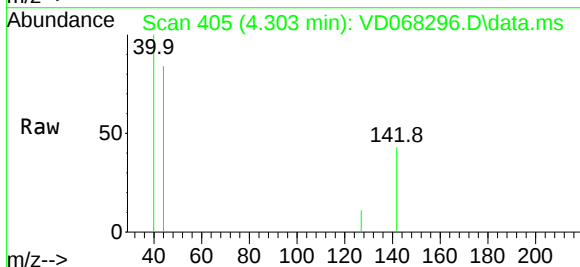
Instrument :
MSVOA_D
ClientSampled :

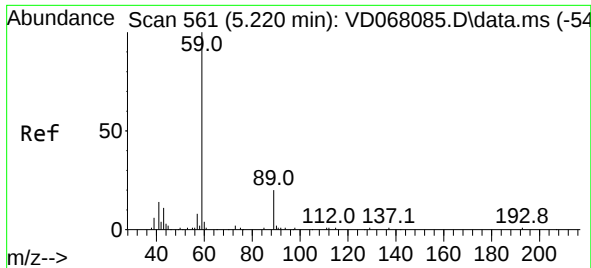
Tgt Ion:168 Resp: 493399
Ion Ratio Lower Upper
168 100
99 60.7 43.5 65.3



#10
Methyl Iodide
Concen: 3.51 ug/l
RT: 4.303 min Scan# 405
Delta R.T. -0.005 min
Lab File: VD068296.D
Acq: 05 Feb 2021 12:23

Tgt Ion:142 Resp: 2261
Ion Ratio Lower Upper
142 100
127 21.9 37.9 56.9#
141 0.0 11.5 17.3#

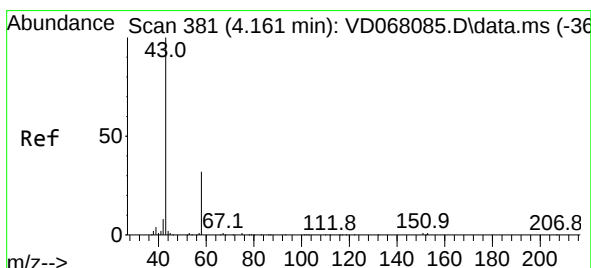
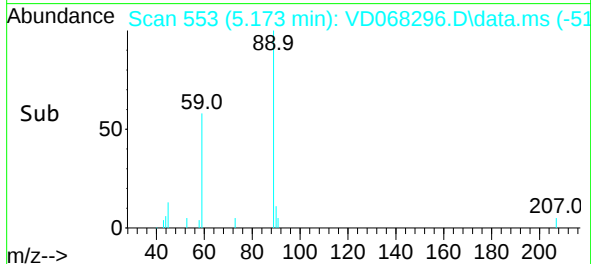
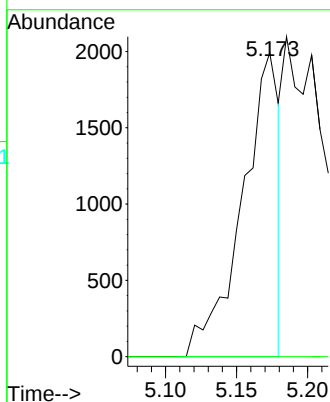
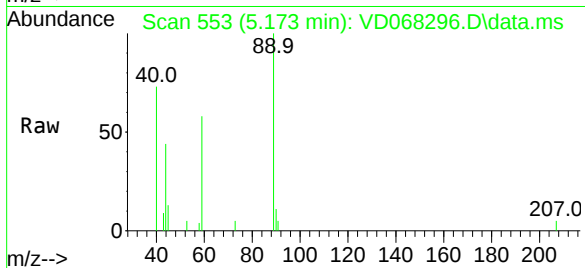




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.173 min Scan# 553
Delta R.T. -0.047 min
Lab File: VD068296.D
Acq: 05 Feb 2021 12:23

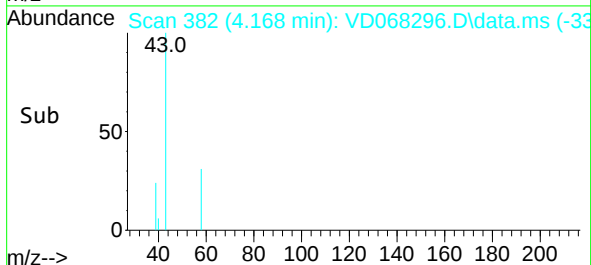
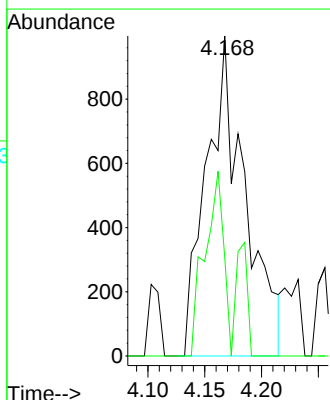
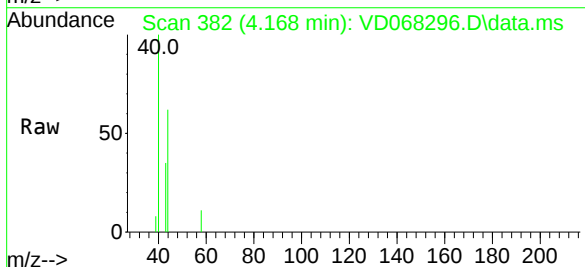
Instrument :
MSVOA_D
ClientSampled :

Tgt Ion: 59 Resp: 3587
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#



#16
Acetone
Concen: 2.79 ug/l
RT: 4.168 min Scan# 382
Delta R.T. 0.006 min
Lab File: VD068296.D
Acq: 05 Feb 2021 12:23

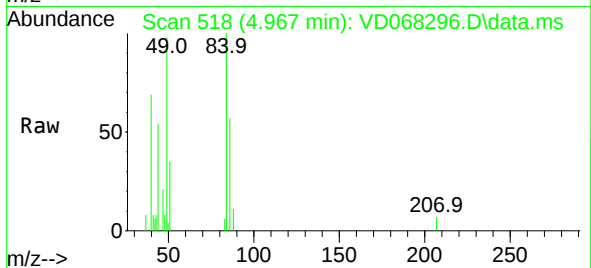
Tgt Ion: 43 Resp: 2352
Ion Ratio Lower Upper
43 100
58 30.7 24.2 36.4



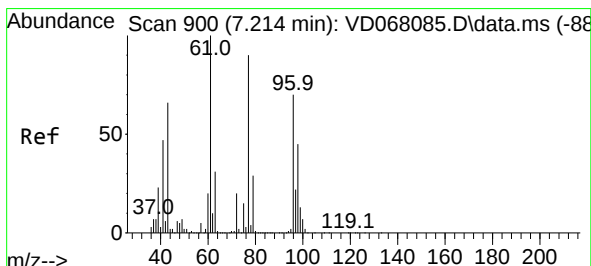
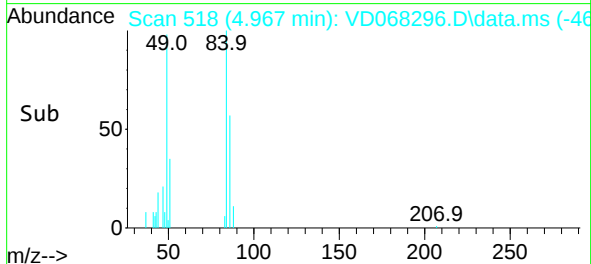
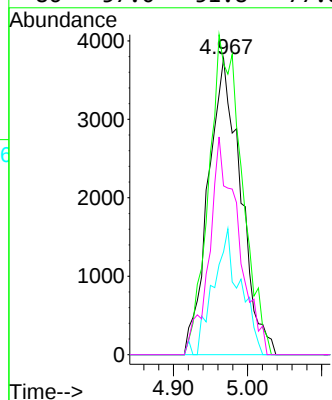


#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. -0.006 min
Lab File: VD068296.D
Acq: 05 Feb 2021 12:23

Instrument :
MSVOA_D
ClientSampled :

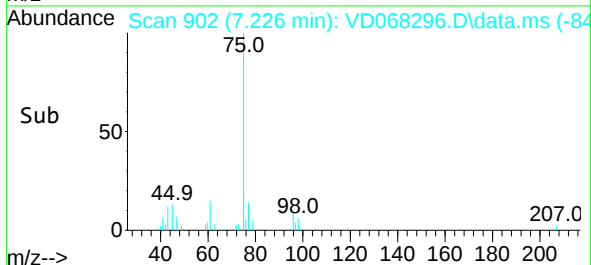
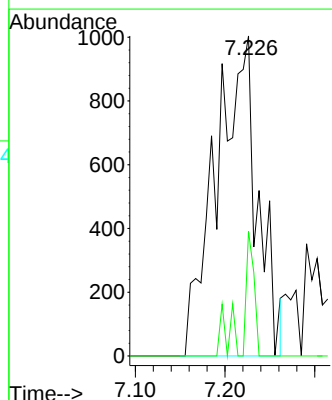
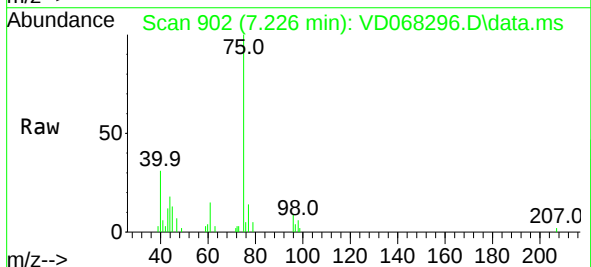


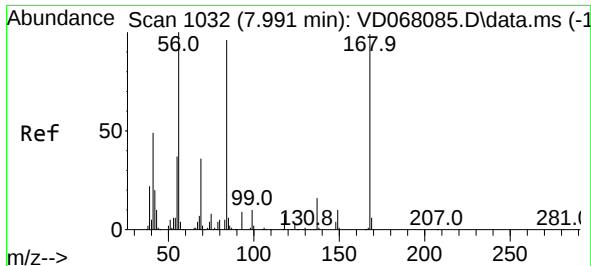
Tgt Ion:	84	Resp:	11488
Ion	Ratio	Lower	Upper
84	100		
49	98.2	77.4	116.2
51	34.7	26.1	39.1
86	57.0	51.8	77.8



#25
2-Butanone
Concen: 2.52 ug/l
RT: 7.226 min Scan# 902
Delta R.T. 0.012 min
Lab File: VD068296.D
Acq: 05 Feb 2021 12:23

Tgt Ion:	43	Resp:	3203
Ion	Ratio	Lower	Upper
43	100		
72	38.9	25.1	37.7#

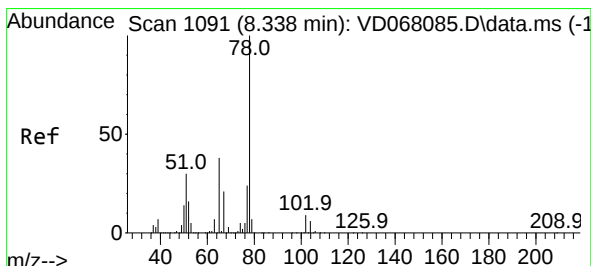
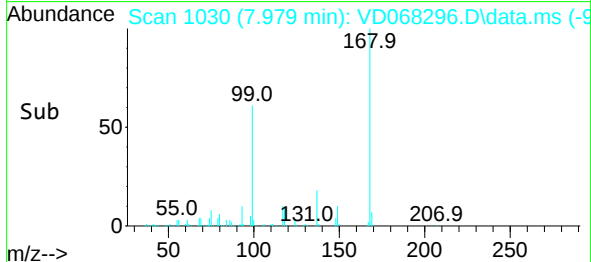
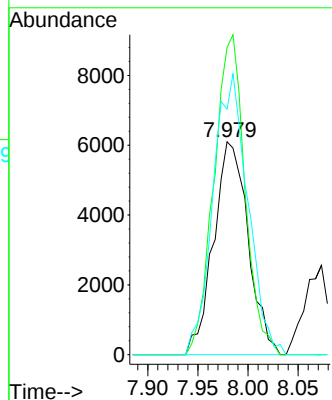
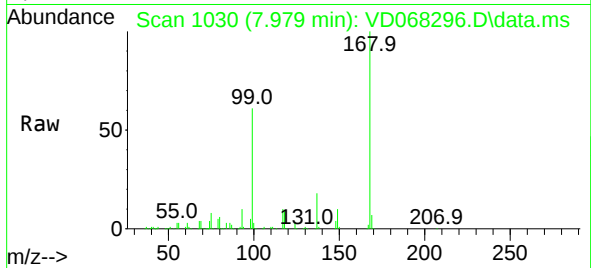




#31
Cyclohexane
Concen: 1.43 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.011 min
Lab File: VD068296.D
Acq: 05 Feb 2021 12:23

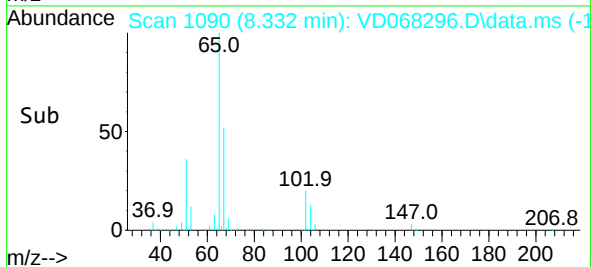
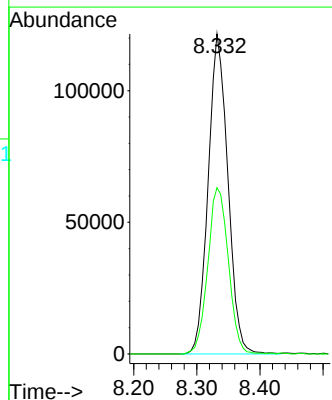
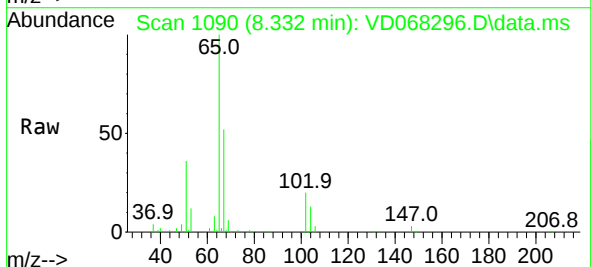
Instrument :
MSVOA_D
ClientSampled :

Tgt Ion: 56 Resp: 14618
Ion Ratio Lower Upper
56 100
69 144.3 30.1 45.1#
84 115.4 82.1 123.1



#33
1,2-Dichloroethane-d4
Concen: 55.76 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VD068296.D
Acq: 05 Feb 2021 12:23

Tgt Ion: 65 Resp: 263196
Ion Ratio Lower Upper
65 100
67 54.4 0.0 105.0

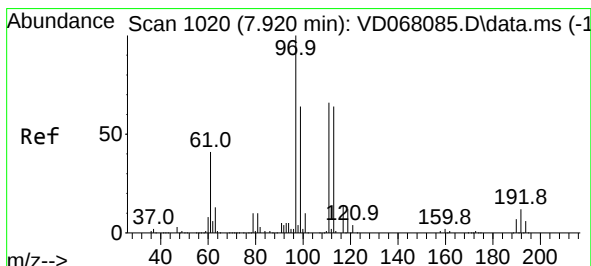
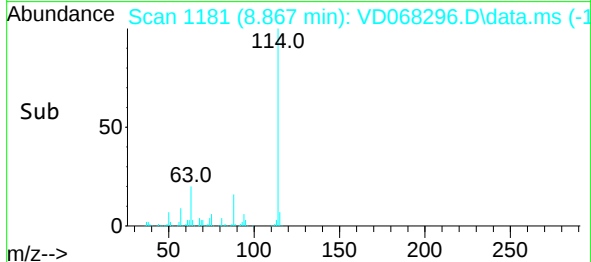
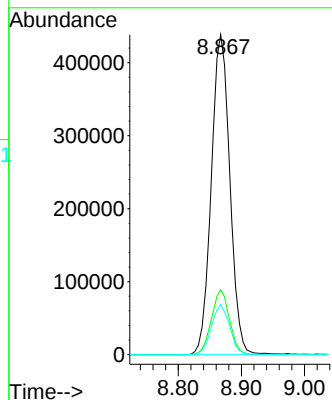
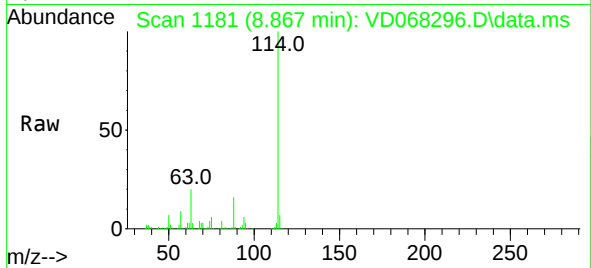




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068296.D
Acq: 05 Feb 2021 12:23

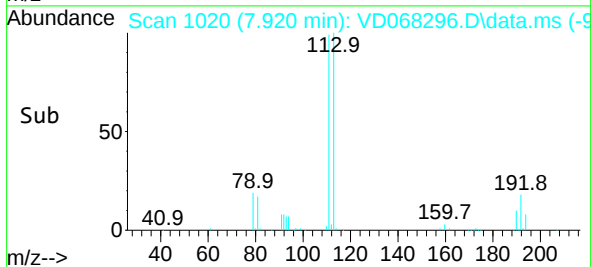
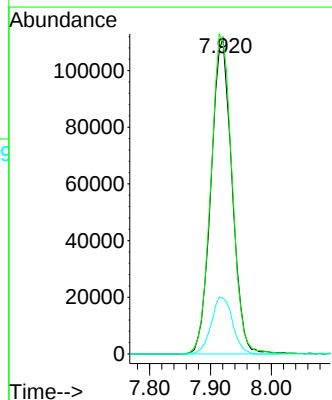
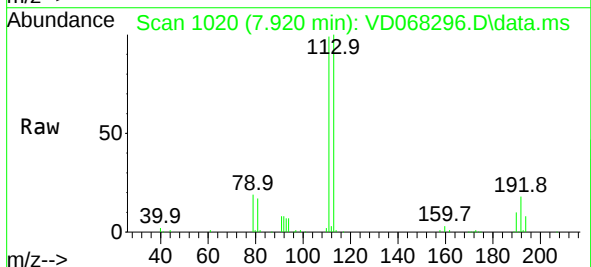
Instrument :
MSVOA_D
ClientSampled :

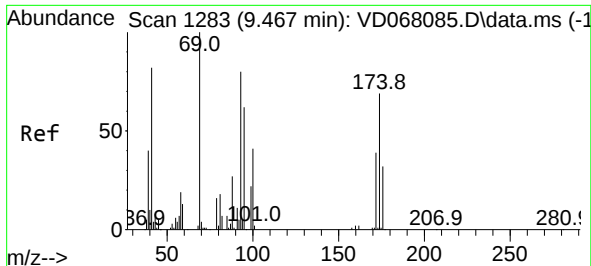
Tgt Ion:114 Resp: 895548
Ion Ratio Lower Upper
114 100
63 20.3 0.0 34.8
88 15.7 0.0 31.6



#35
Dibromofluoromethane
Concen: 53.56 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068296.D
Acq: 05 Feb 2021 12:23

Tgt Ion:113 Resp: 265178
Ion Ratio Lower Upper
113 100
111 102.9 81.4 122.0
192 18.4 16.1 24.1

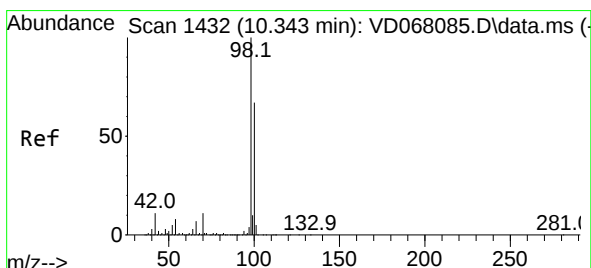
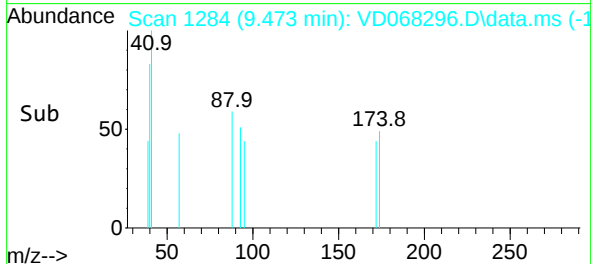
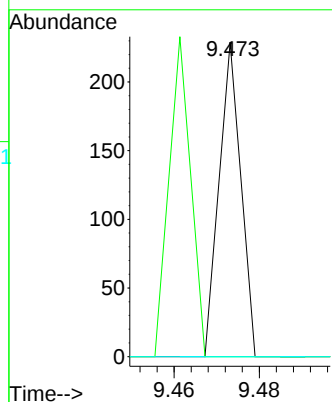
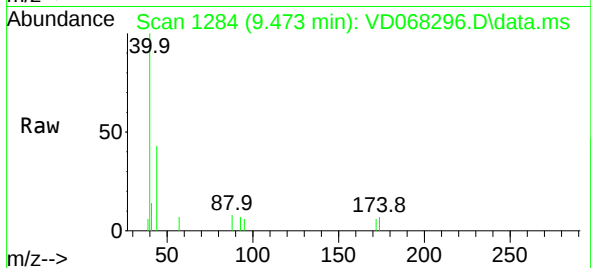




#49
1,4-Dioxane
Concen: 2.21 ug/l
RT: 9.473 min Scan# 1284
Delta R.T. 0.006 min
Lab File: VD068296.D
Acq: 05 Feb 2021 12:23

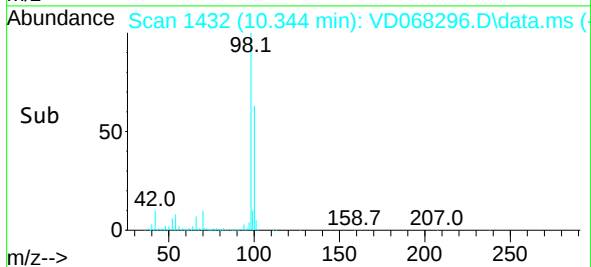
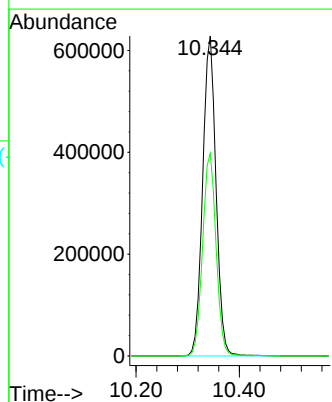
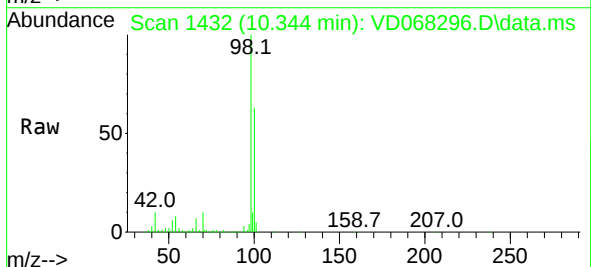
Instrument :
MSVOA_D
ClientSampled :

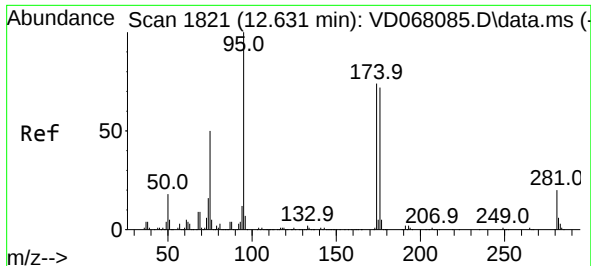
Tgt Ion: 88 Resp: 81
Ion Ratio Lower Upper
88 100
43 101.2 22.1 33.1#
58 0.0 46.7 70.1#



#50
Toluene-d8
Concen: 56.69 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068296.D
Acq: 05 Feb 2021 12:23

Tgt Ion: 98 Resp: 1122731
Ion Ratio Lower Upper
98 100
100 64.0 53.0 79.4

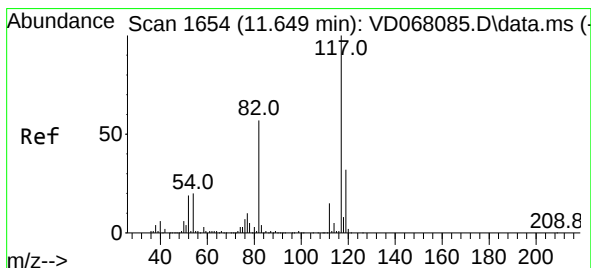
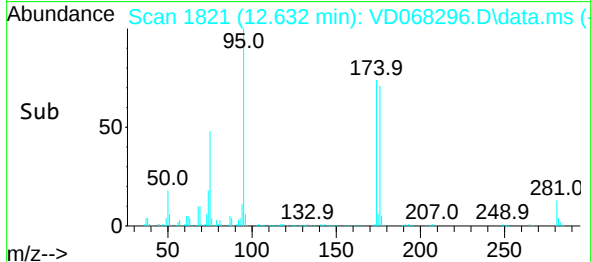
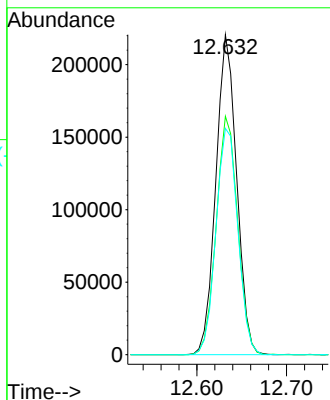
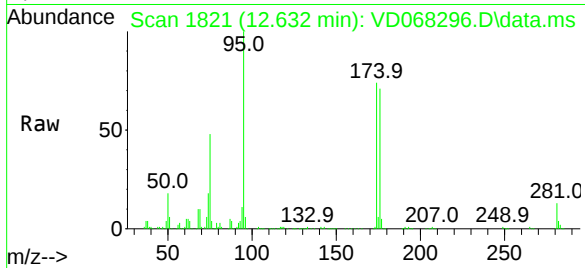




#62
4-Bromofluorobenzene
Concen: 49.76 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068296.D
Acq: 05 Feb 2021 12:23

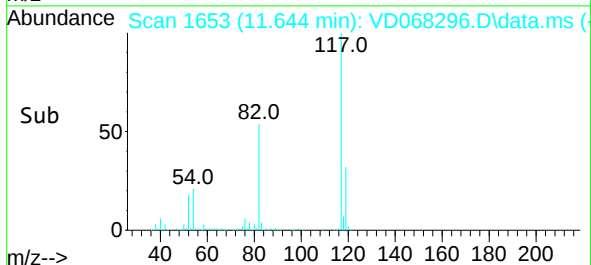
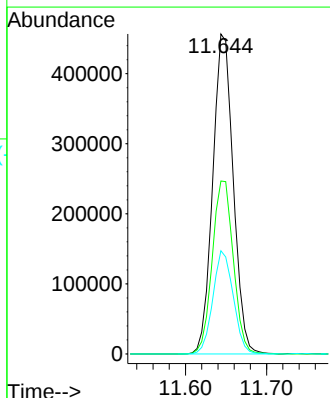
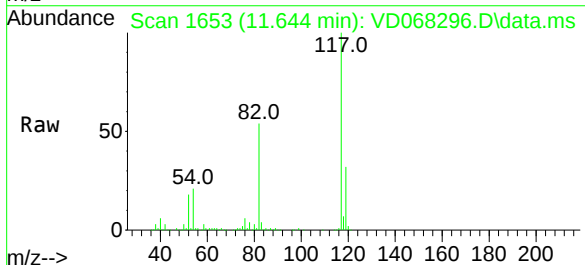
Instrument :
MSVOA_D
ClientSampleId :

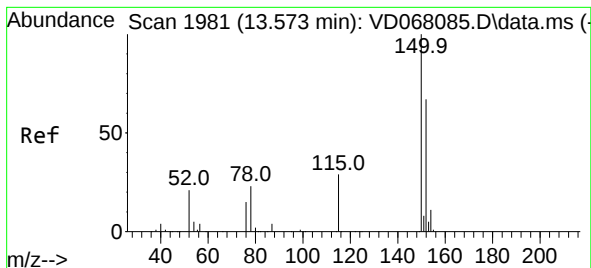
Tgt Ion: 95 Resp: 354859
Ion Ratio Lower Upper
95 100
174 76.8 0.0 172.4
176 74.4 0.0 168.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. -0.005 min
Lab File: VD068296.D
Acq: 05 Feb 2021 12:23

Tgt Ion: 117 Resp: 803301
Ion Ratio Lower Upper
117 100
82 54.0 41.4 62.0
119 32.2 26.1 39.1

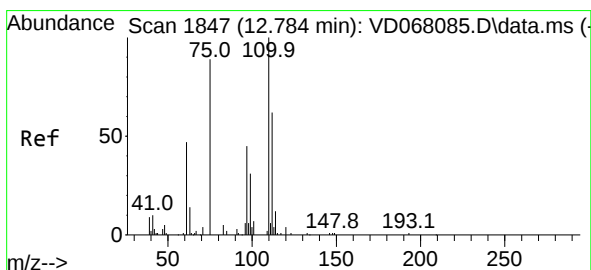
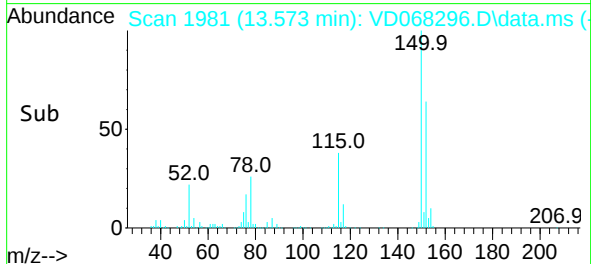
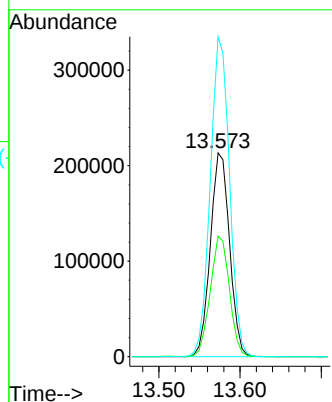
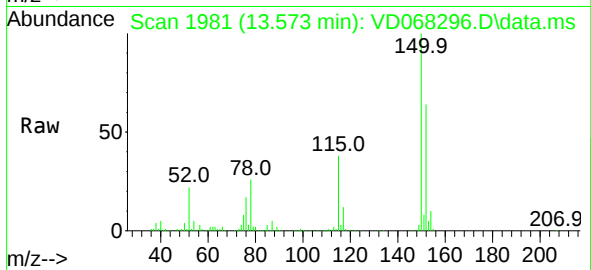




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.573 min Scan# 1981
 Delta R.T. 0.000 min
 Lab File: VD068296.D
 Acq: 05 Feb 2021 12:23

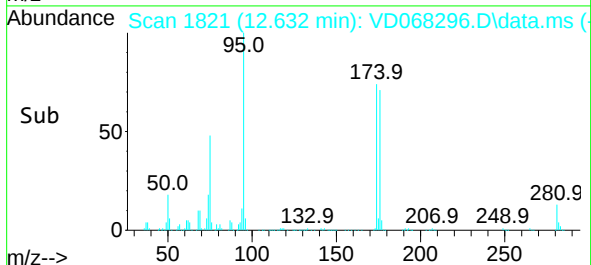
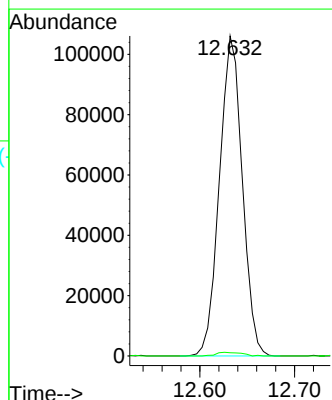
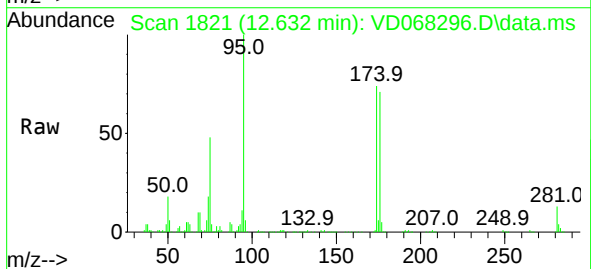
Instrument :
 MSVOA_D
 ClientSampleId :

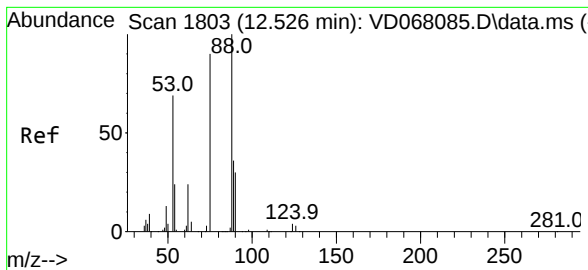
Tgt Ion:152 Resp: 350797
 Ion Ratio Lower Upper
 152 100
 115 58.9 28.9 86.8
 150 157.0 0.0 344.4



#76
 1,2,3-Trichloropropane
 Concen: 52.49 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. -0.153 min
 Lab File: VD068296.D
 Acq: 05 Feb 2021 12:23

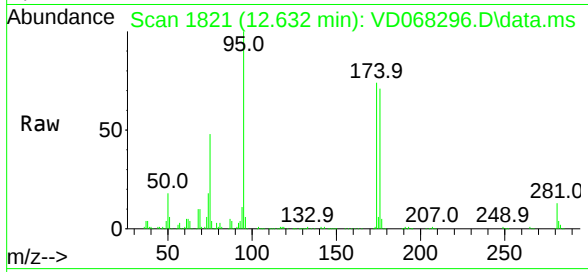
Tgt Ion: 75 Resp: 178040
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 106.22 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. 0.106 min
 Lab File: VD068296.D
 Acq: 05 Feb 2021 12:23

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75 Resp: 178040
 Ion Ratio Lower Upper
 75 100
 53 0.0 70.2 105.2#
 89 0.1 40.3 60.5#

