

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031721\
 Data File : VD068639.D
 Acq On : 17 Mar 2021 15:53
 Operator : VA/SY
 Sample : M1688-01
 Misc : 4.11G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Mar 18 00:56:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 26 14:04:14 2021
 Response via : Initial Calibration

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

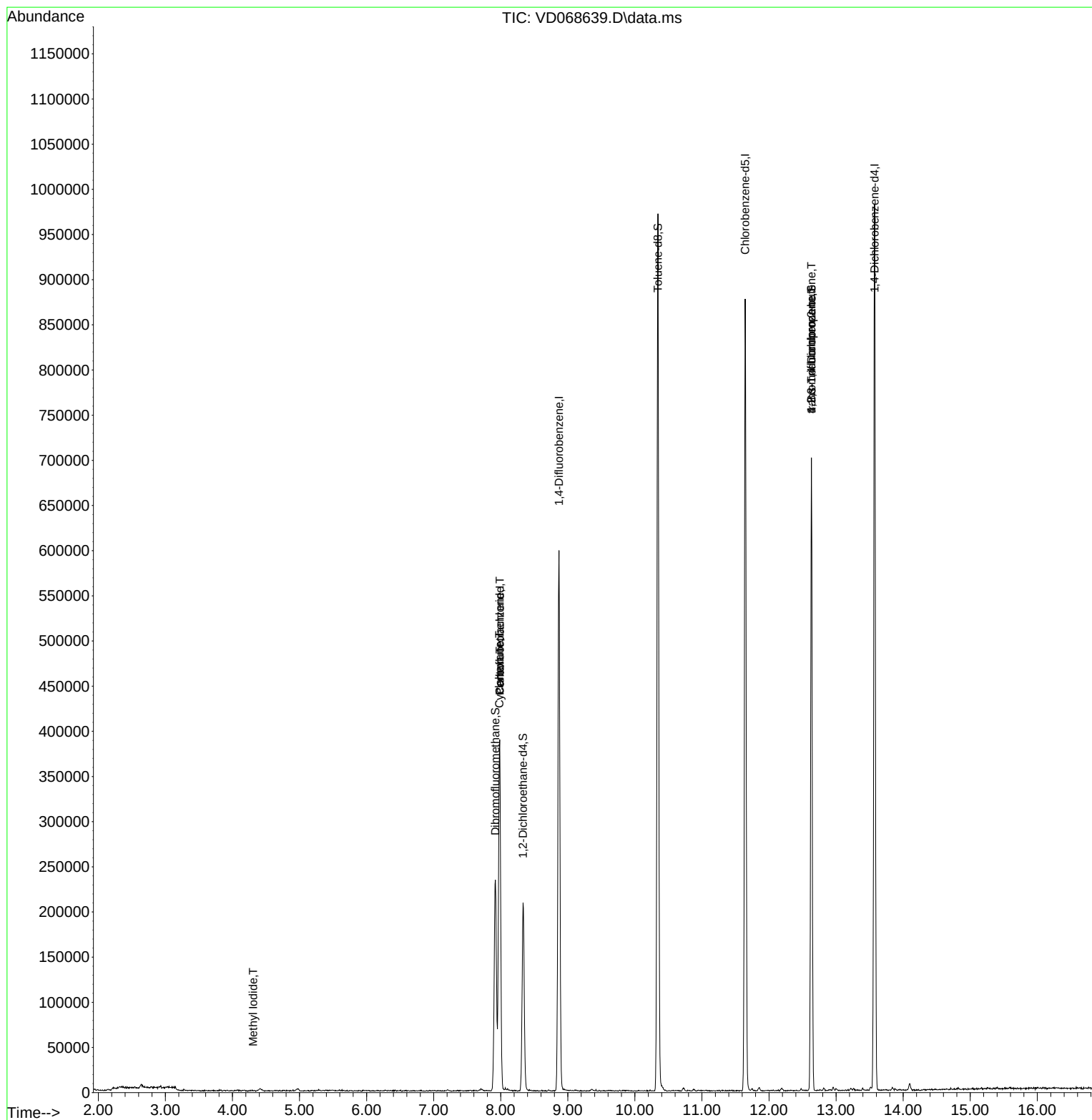
Internal Standards						
1) Pentafluorobenzene	7.985	168	299477	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	536471	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	529125	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	273847	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	160601	53.67	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.34%
35) Dibromofluoromethane	7.920	113	169547	52.46	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.92%
50) Toluene-d8	10.344	98	673503	52.32	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.64%
62) 4-Bromofluorobenzene	12.632	95	225492	54.36	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	108.72%
Target Compounds						
						Qvalue
10) Methyl Iodide	4.309	142	72	2.64	ug/l #	38
20) Methylene Chloride	4.968	84	1826	Below Cal		87
31) Cyclohexane	7.979	56	6390	1.17	ug/l #	64
38) Carbon Tetrachloride	7.985	117	29916	6.24	ug/l #	16
76) 1,2,3-Trichloropropane	12.632	75	116092	47.75	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	116092	111.44	ug/l #	13

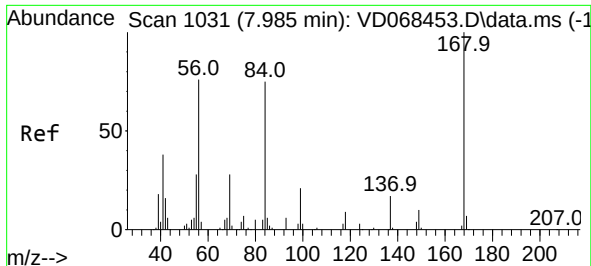
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_D
ClientSampleId :

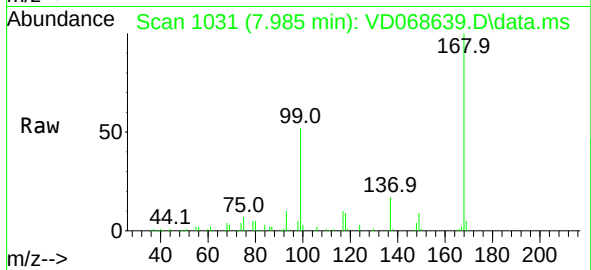
Quant Time: Mar 18 00:56:28 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
Quant Title : SW846 8260
QLast Update : Fri Feb 26 14:04:14 2021
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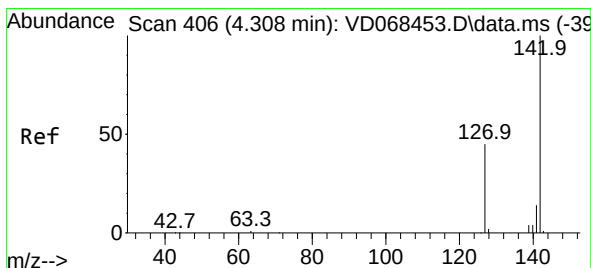
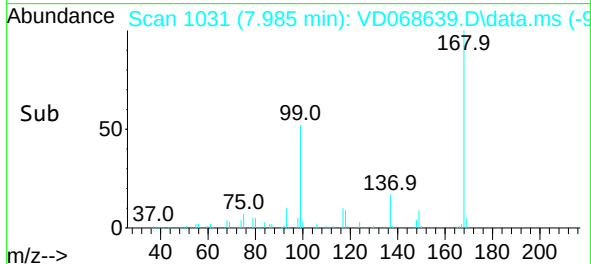
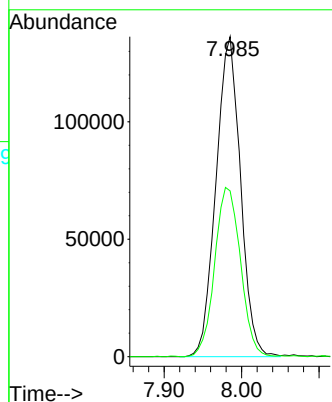


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VD068639.D
Acq: 17 Mar 2021 15:53

Instrument :
MSVOA_D
ClientSampled :

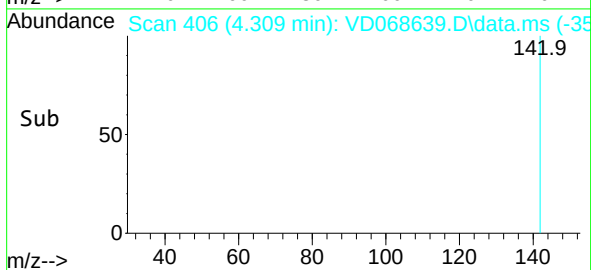
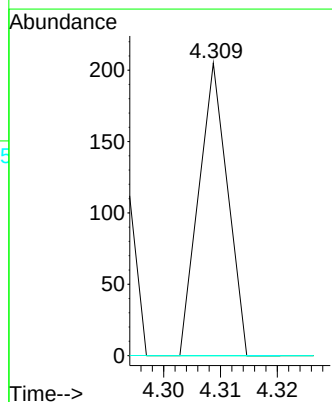
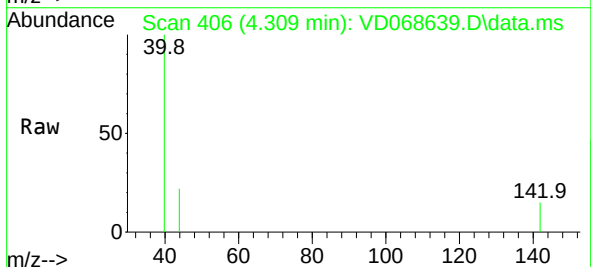


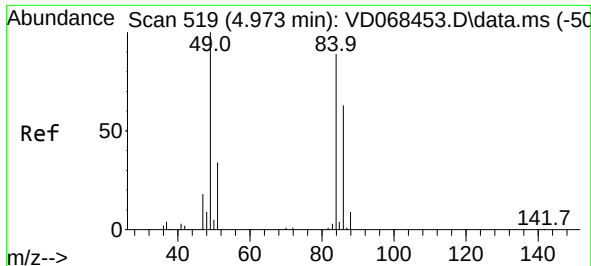
Tgt Ion:168 Resp: 299477
Ion Ratio Lower Upper
168 100
99 51.8 43.5 65.3



#10
Methyl Iodide
Concen: 2.64 ug/l
RT: 4.309 min Scan# 406
Delta R.T. 0.001 min
Lab File: VD068639.D
Acq: 17 Mar 2021 15:53

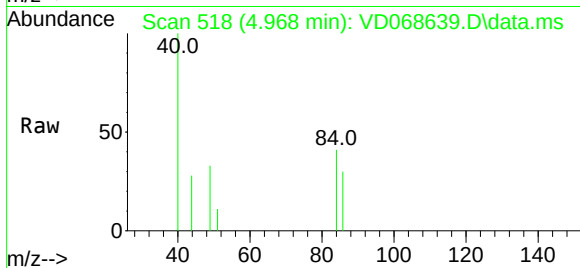
Tgt Ion:142 Resp: 72
Ion Ratio Lower Upper
142 100
127 0.0 37.9 56.9#
141 0.0 11.5 17.3#



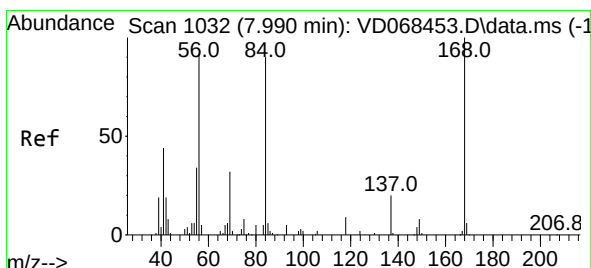
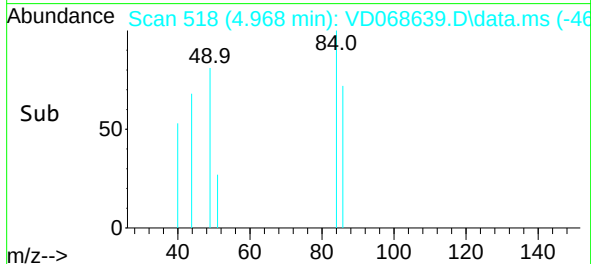
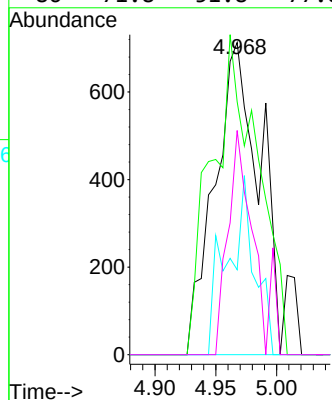


#20
Methylene Chloride
Concen: Below Cal
RT: 4.968 min Scan# 518
Delta R.T. -0.005 min
Lab File: VD068639.D
Acq: 17 Mar 2021 15:53

Instrument :
MSVOA_D
ClientSampleId :

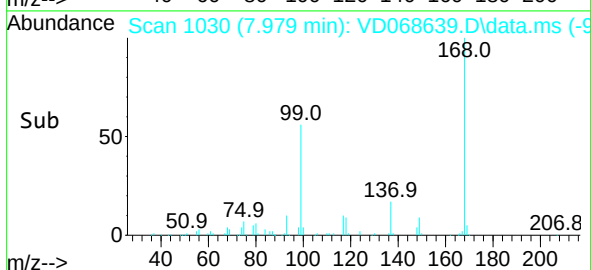
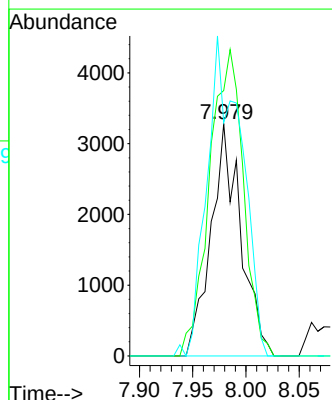
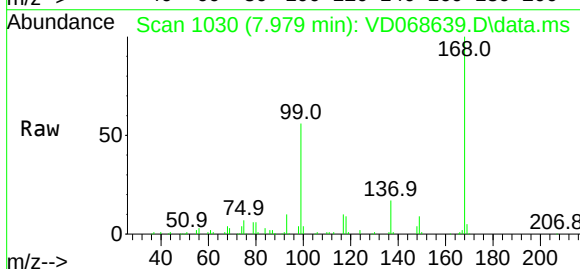


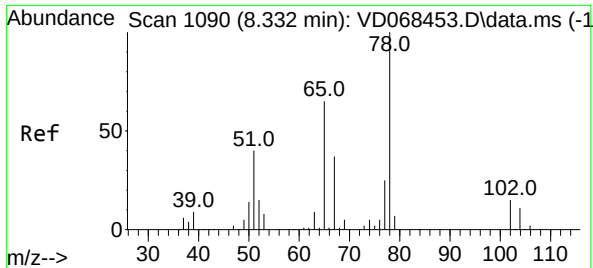
Tgt Ion:	84	Resp:	1826
Ion	Ratio	Lower	Upper
84	100		
49	81.1	77.4	116.2
51	27.2	26.1	39.1
86	71.8	51.8	77.8



#31
Cyclohexane
Concen: 1.17 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.011 min
Lab File: VD068639.D
Acq: 17 Mar 2021 15:53

Tgt Ion:	56	Resp:	6390
Ion	Ratio	Lower	Upper
56	100		
69	114.2	30.1	45.1#
84	100.4	82.1	123.1

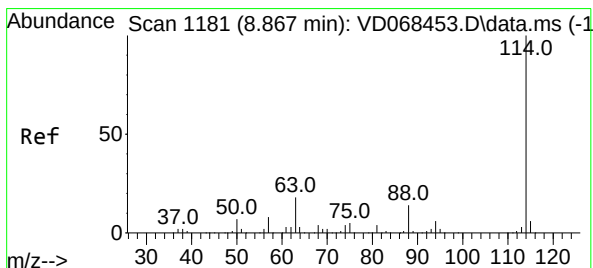
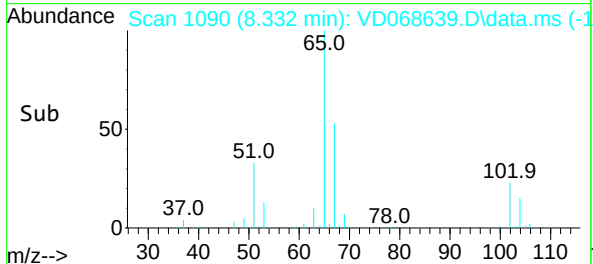
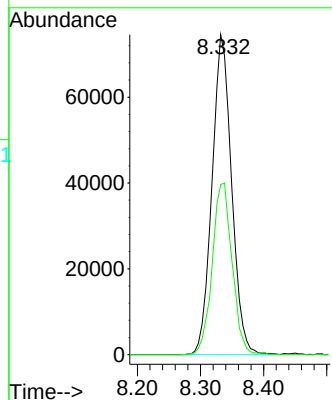
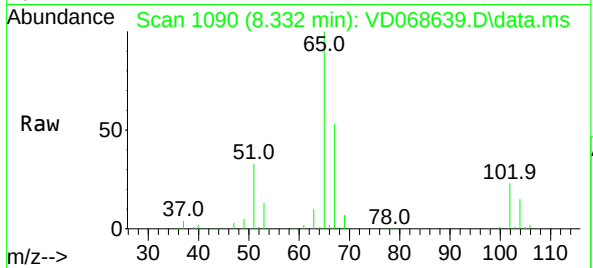




#33
 1,2-Dichloroethane-d4
 Concen: 53.67 ug/l
 RT: 8.332 min Scan# 1090
 Delta R.T. 0.000 min
 Lab File: VD068639.D
 Acq: 17 Mar 2021 15:53

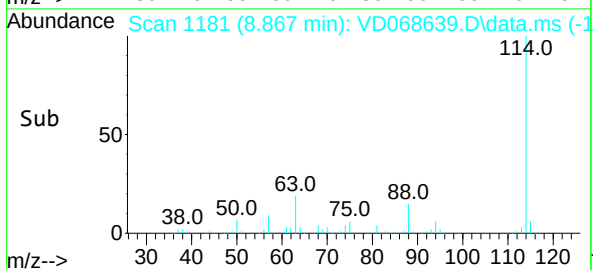
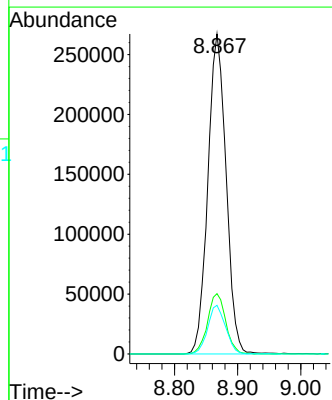
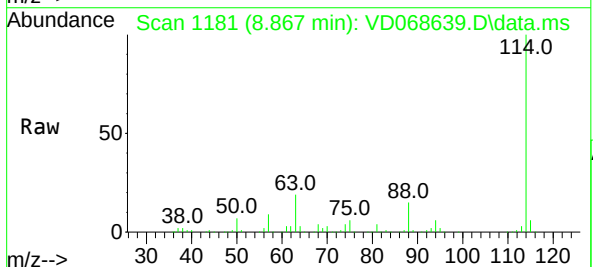
Instrument :
 MSVOA_D
 ClientSampled :

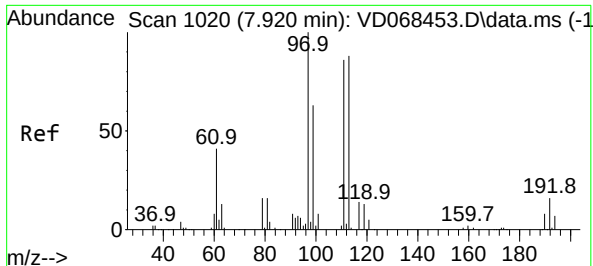
Tgt Ion: 65 Resp: 160601
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.867 min Scan# 1181
 Delta R.T. 0.000 min
 Lab File: VD068639.D
 Acq: 17 Mar 2021 15:53

Tgt Ion: 114 Resp: 536471
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 34.8
 88 15.2 0.0 31.6





#35

Dibromofluoromethane

Concen: 52.46 ug/l

RT: 7.920 min Scan# 1020

Delta R.T. 0.000 min

Lab File: VD068639.D

Acq: 17 Mar 2021 15:53

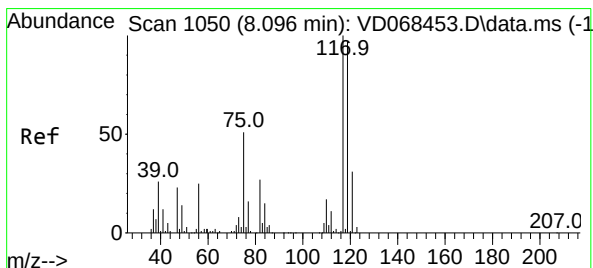
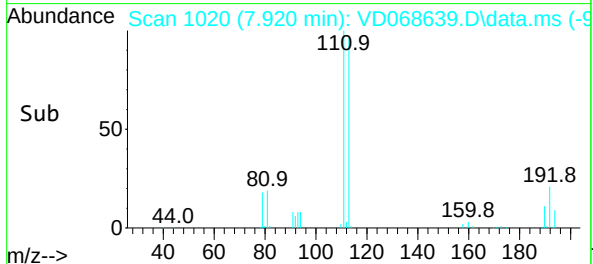
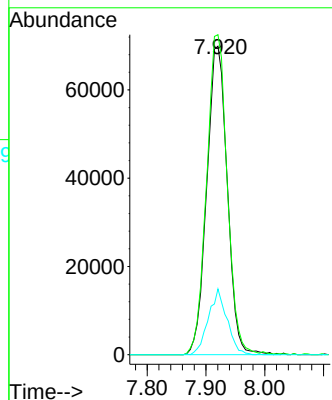
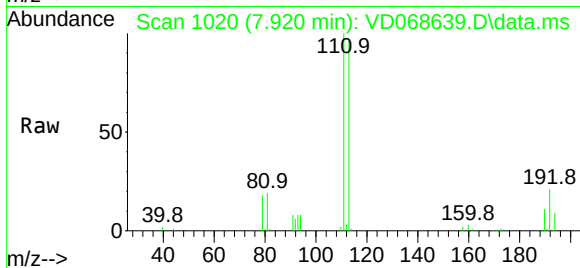
Tgt Ion:113 Resp: 169547

Ion Ratio Lower Upper

113 100

111 104.2 81.4 122.0

192 19.3 16.1 24.1



#38

Carbon Tetrachloride

Concen: 6.24 ug/l

RT: 7.985 min Scan# 1031

Delta R.T. -0.111 min

Lab File: VD068639.D

Acq: 17 Mar 2021 15:53

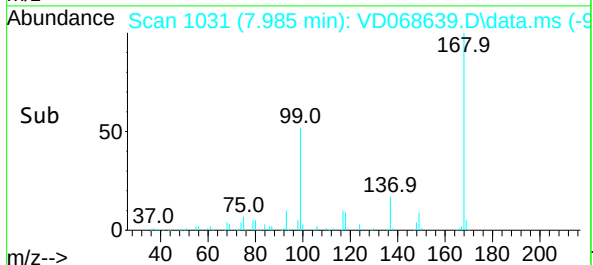
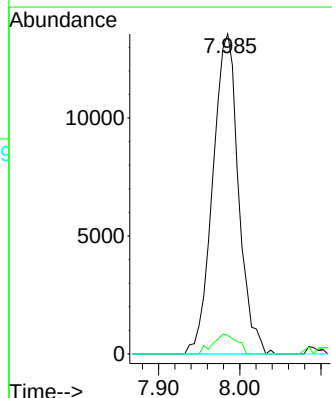
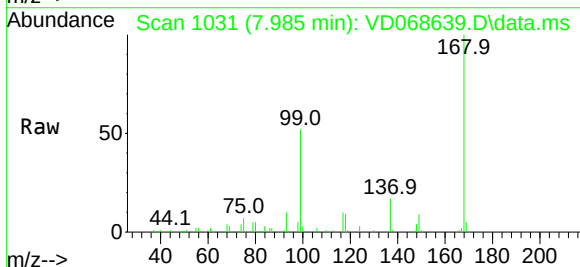
Tgt Ion:117 Resp: 29916

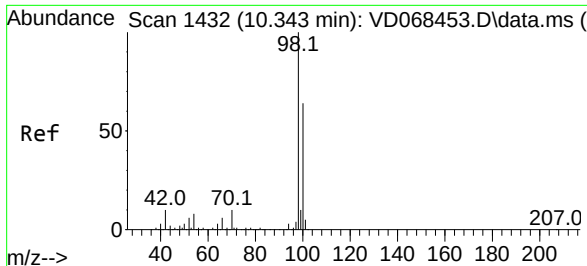
Ion Ratio Lower Upper

117 100

119 5.9 77.3 115.9#

121 0.0 24.7 37.1#

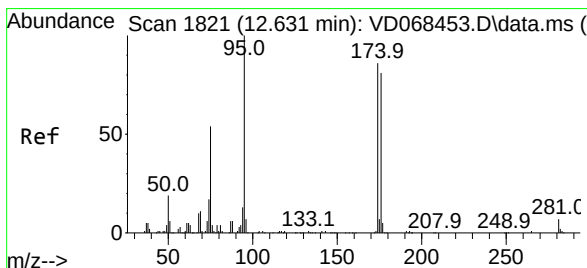
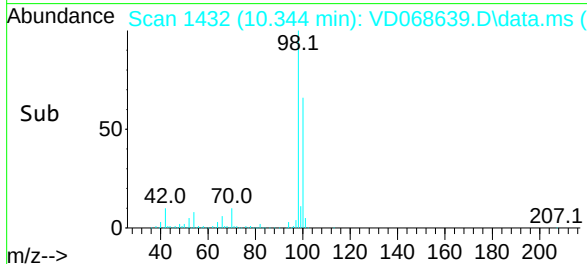
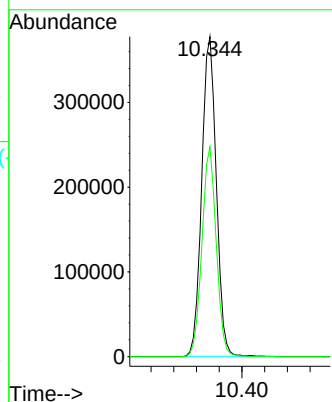
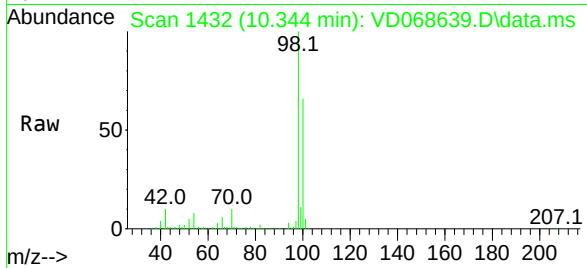




#50
Toluene-d8
Concen: 52.32 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068639.D
Acq: 17 Mar 2021 15:53

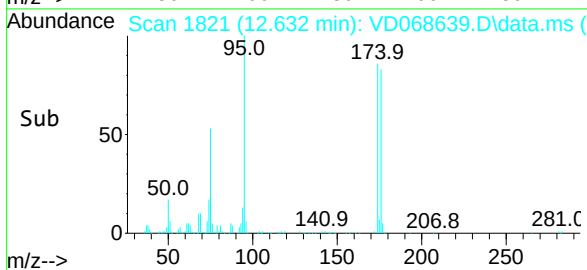
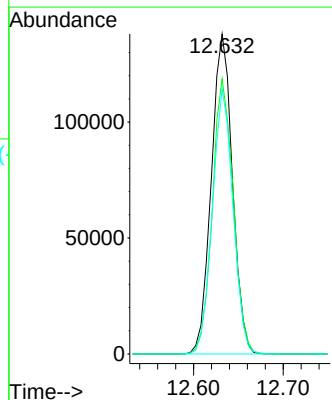
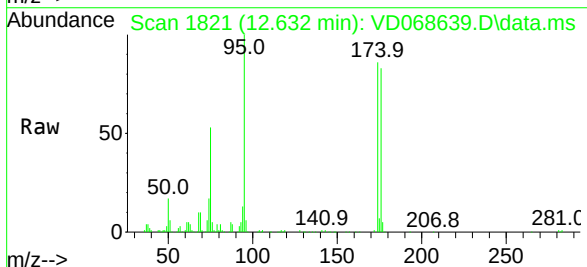
Instrument :
MSVOA_D
ClientSampleId :

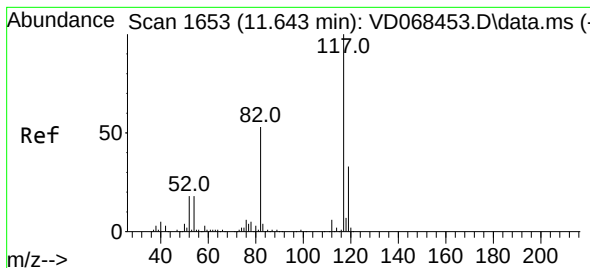
Tgt Ion: 98 Resp: 673503
Ion Ratio Lower Upper
98 100
100 64.2 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 54.36 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068639.D
Acq: 17 Mar 2021 15:53

Tgt Ion: 95 Resp: 225492
Ion Ratio Lower Upper
95 100
174 85.1 0.0 172.4
176 80.8 0.0 168.4

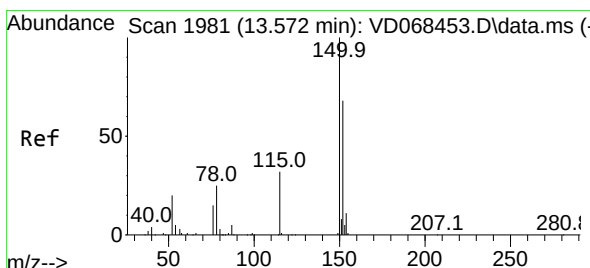
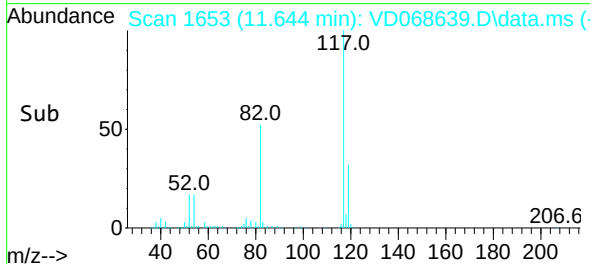
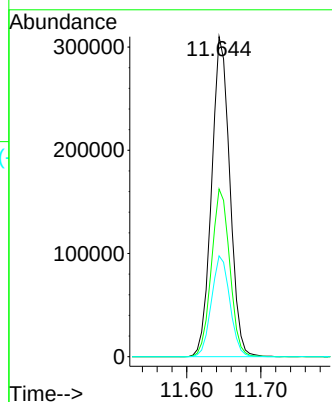
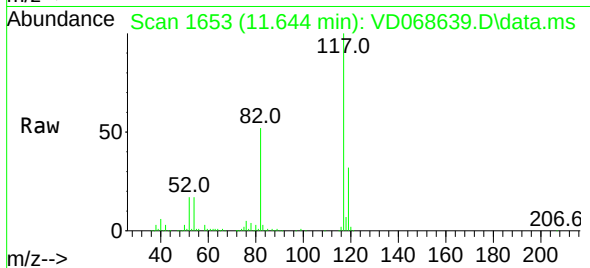




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068639.D
Acq: 17 Mar 2021 15:53

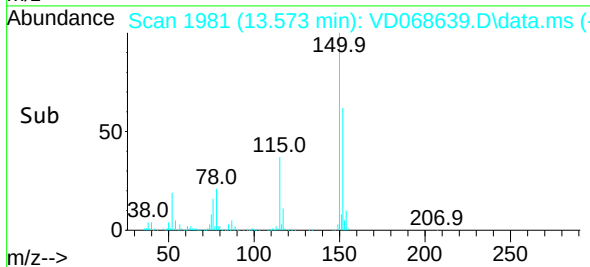
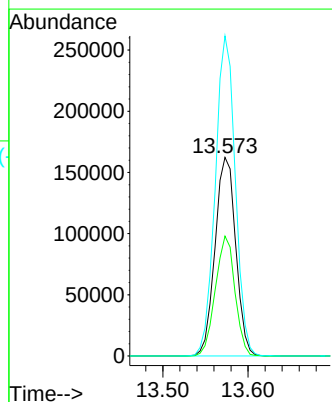
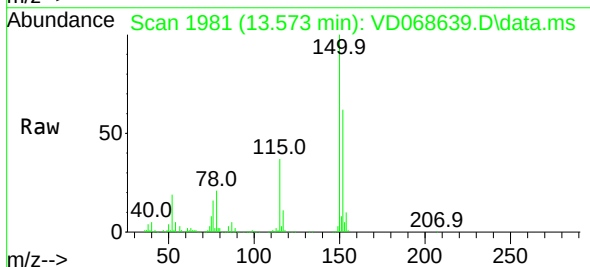
Instrument :
MSVOA_D
ClientSampleId :

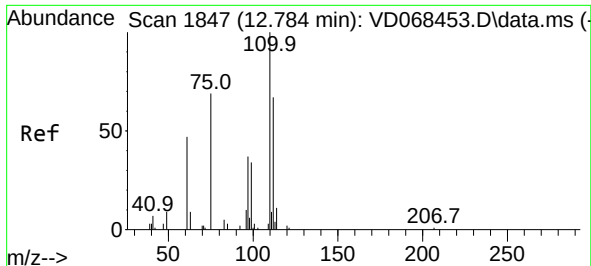
Tgt Ion:117 Resp: 529125
Ion Ratio Lower Upper
117 100
82 52.4 41.4 62.0
119 31.5 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.001 min
Lab File: VD068639.D
Acq: 17 Mar 2021 15:53

Tgt Ion:152 Resp: 273847
Ion Ratio Lower Upper
152 100
115 57.0 28.9 86.8
150 156.0 0.0 344.4

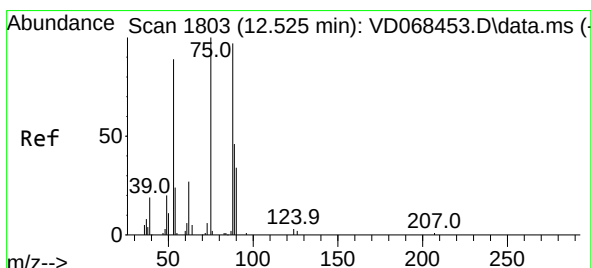
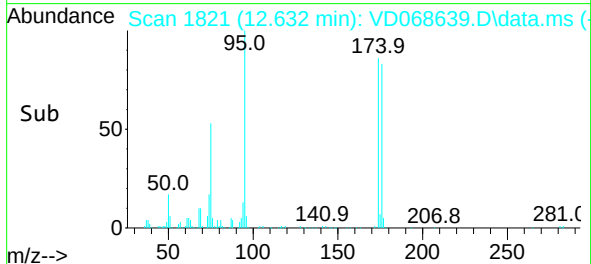
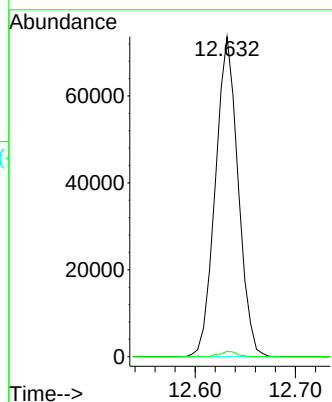
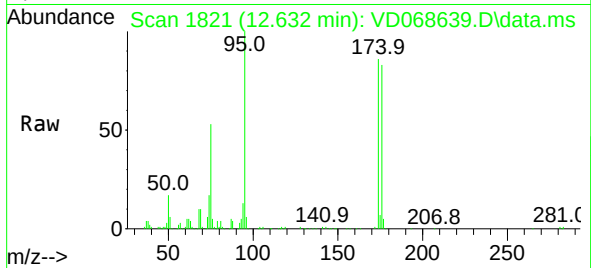




#76
1,2,3-Trichloropropane
Concen: 47.75 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.152 min
Lab File: VD068639.D
Acq: 17 Mar 2021 15:53

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 116092
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 111.44 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068639.D
Acq: 17 Mar 2021 15:53

Tgt Ion: 75 Resp: 116092
Ion Ratio Lower Upper
75 100
53 0.0 70.2 105.2#
89 0.1 40.3 60.5#

