

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031721\
 Data File : VD068644.D
 Acq On : 17 Mar 2021 18:14
 Operator : VA/SY
 Sample : M1707-07
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Mar 18 00:57:48 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)

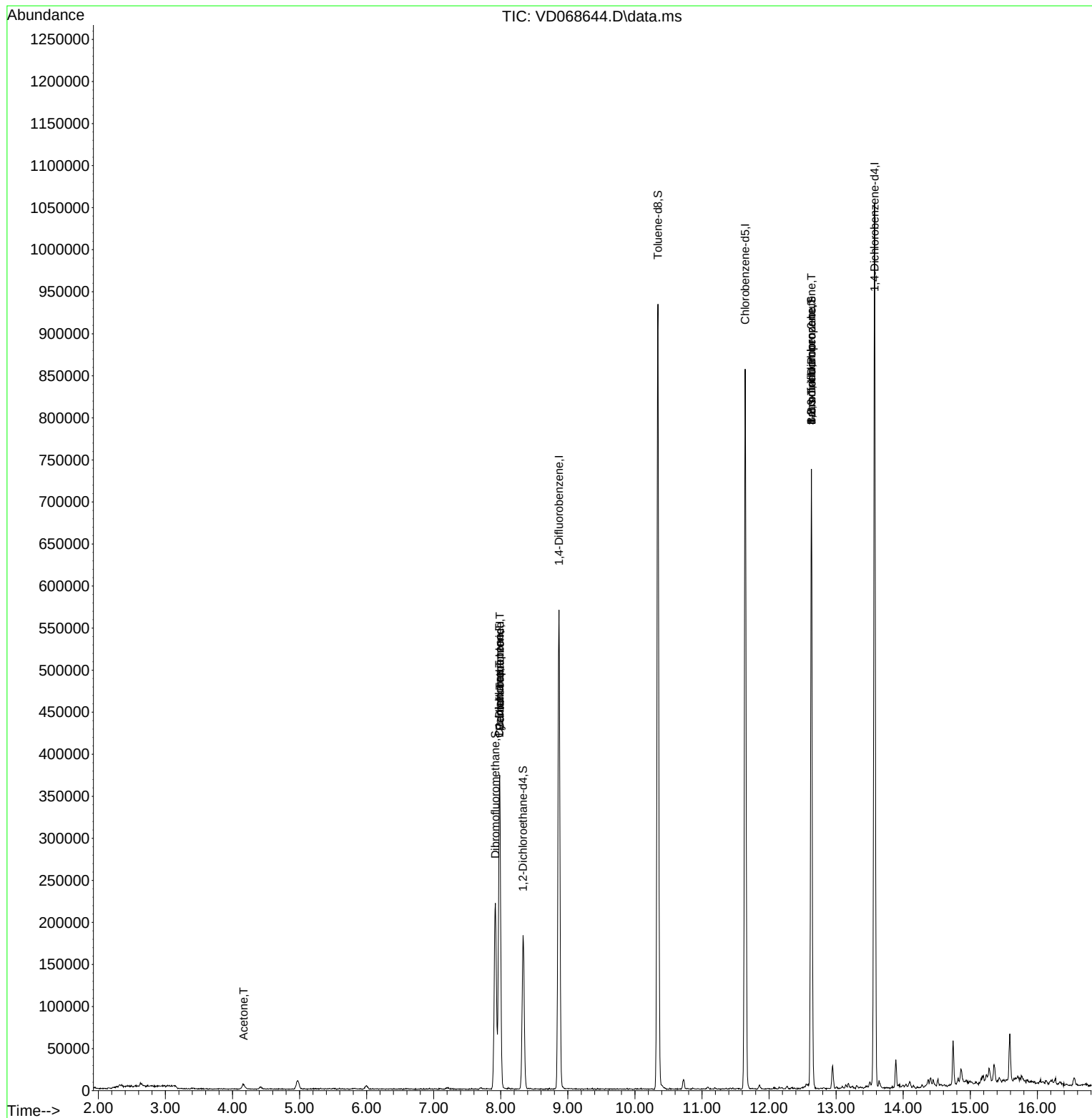
Internal Standards						
1) Pentafluorobenzene	7.985	168	284237	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	518024	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	509389	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	275100	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	146623	51.63	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.26%			
35) Dibromofluoromethane	7.920	113	158692	50.85	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.70%			
50) Toluene-d8	10.344	98	651456	52.41	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 104.82%			
62) 4-Bromofluorobenzene	12.632	95	227239	56.73	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 113.46%			
Target Compounds					Qvalue	
16) Acetone	4.167	43	10170	22.55	ug/l #	81
20) Methylene Chloride	4.973	84	8056	Below Cal	#	90
31) Cyclohexane	7.979	56	6422	1.24	ug/l #	58
36) 1,1-Dichloropropene	7.979	75	21785	4.42	ug/l #	47
38) Carbon Tetrachloride	7.985	117	28230	6.10	ug/l #	16
71) Bromoform	12.632	173	1893	1.03	ug/l #	28
76) 1,2,3-Trichloropropane	12.632	75	113901	46.64	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	113901	108.84	ug/l #	14

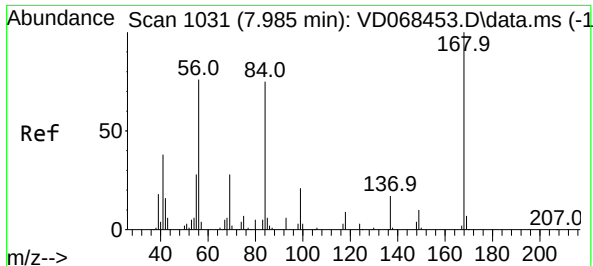
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Feb 26 14:04:14 2021
Response via : Initial Calibration

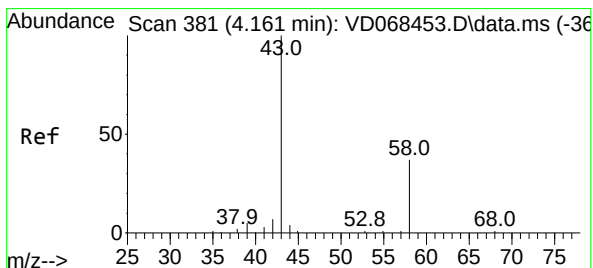
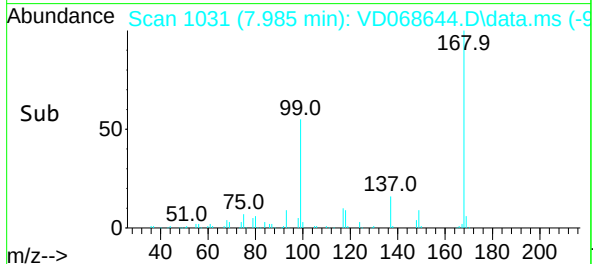
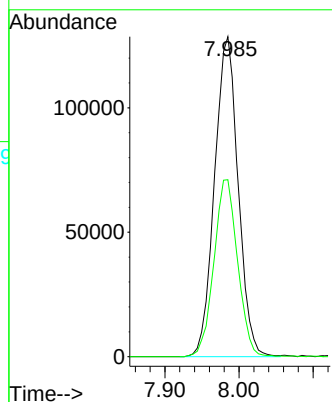
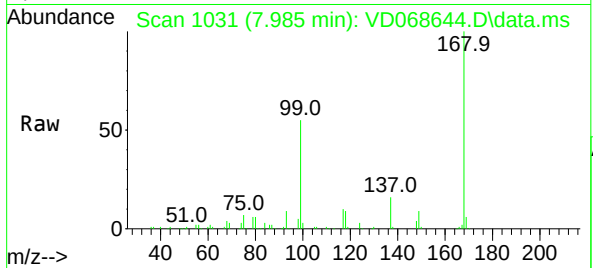




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068644.D
Acq: 17 Mar 2021 18:14

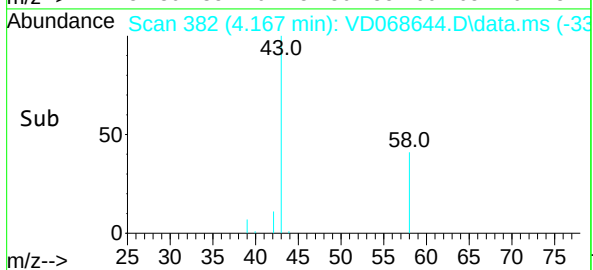
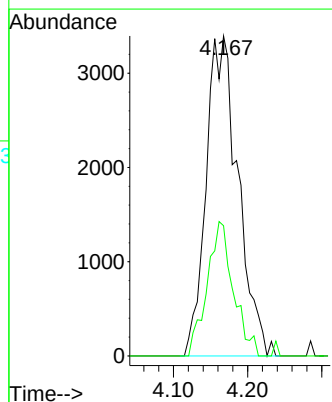
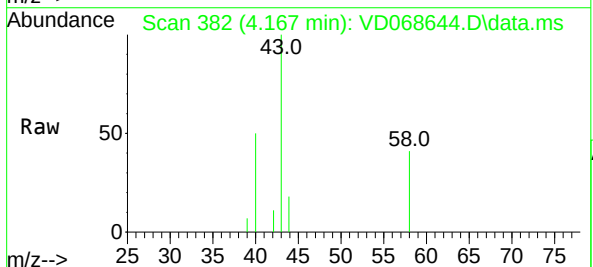
Instrument :
MSVOA_D
ClientSampled :

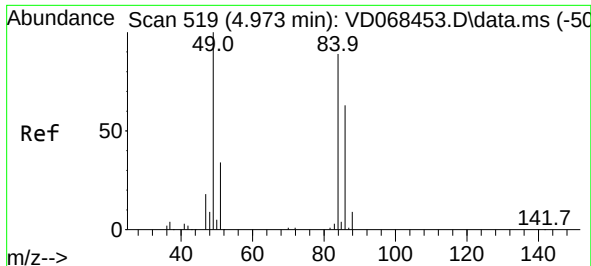
Tgt Ion:168 Resp: 284237
Ion Ratio Lower Upper
168 100
99 55.3 43.5 65.3



#16
Acetone
Concen: 22.55 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.006 min
Lab File: VD068644.D
Acq: 17 Mar 2021 18:14

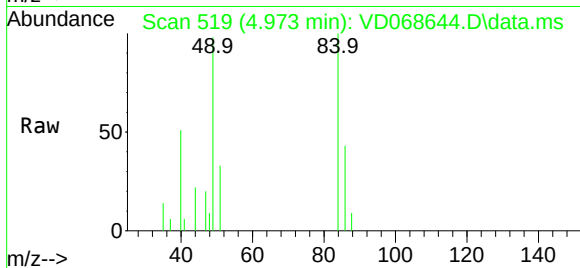
Tgt Ion: 43 Resp: 10170
Ion Ratio Lower Upper
43 100
58 40.7 24.2 36.4#



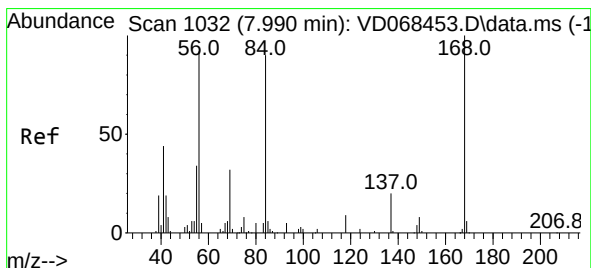
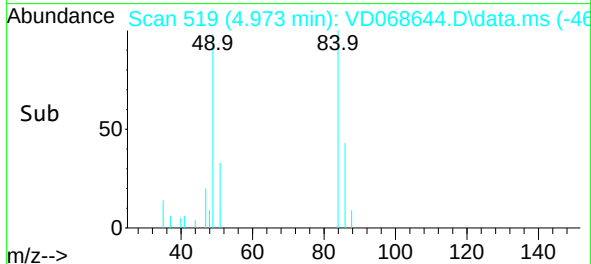
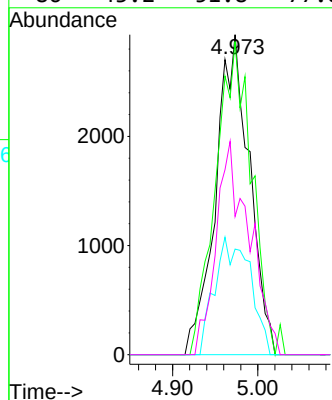


#20
Methylene Chloride
Concen: Below Cal
RT: 4.973 min Scan# 519
Delta R.T. 0.000 min
Lab File: VD068644.D
Acq: 17 Mar 2021 18:14

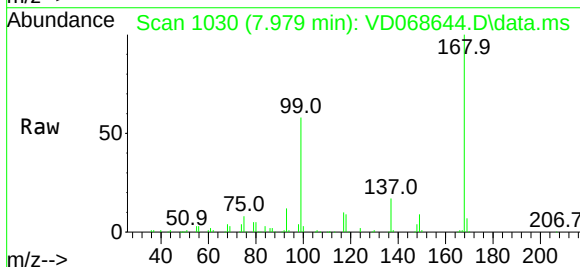
Instrument :
MSVOA_D
ClientSampleId :



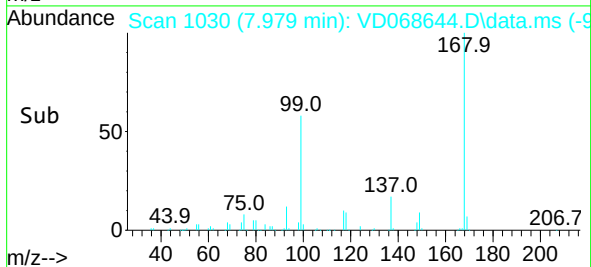
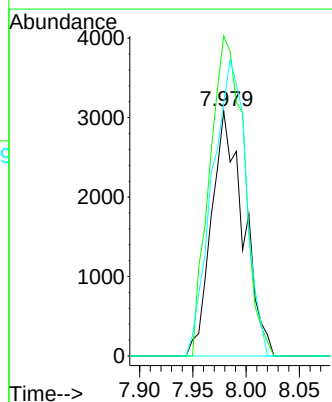
Tgt Ion:	84	Resp:	8056
Ion	Ratio	Lower	Upper
84	100		
49	97.9	77.4	116.2
51	33.0	26.1	39.1
86	43.2	51.8	77.8#

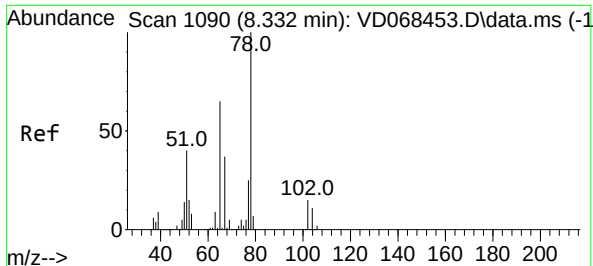


#31
Cyclohexane
Concen: 1.24 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.011 min
Lab File: VD068644.D
Acq: 17 Mar 2021 18:14



Tgt Ion:	56	Resp:	6422
Ion	Ratio	Lower	Upper
56	100		
69	130.8	30.1	45.1#
84	103.2	82.1	123.1



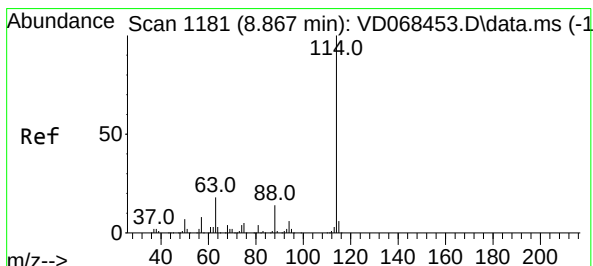
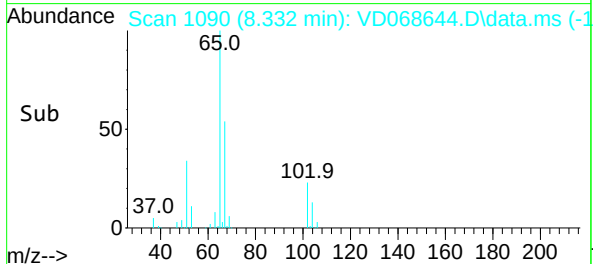
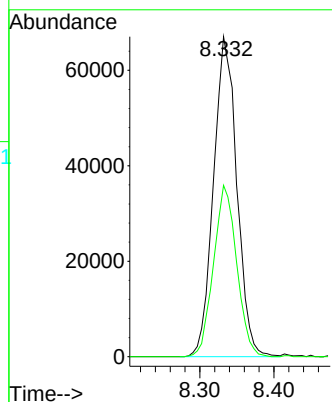
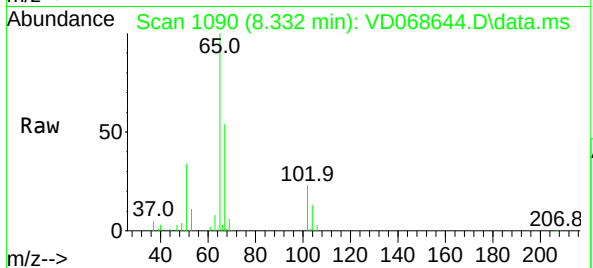


#33

1,2-Dichloroethane-d4
Concen: 51.63 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068644.D
Acq: 17 Mar 2021 18:14

Instrument :
MSVOA_D
ClientSampleId :

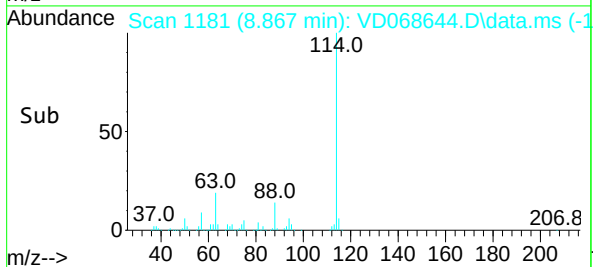
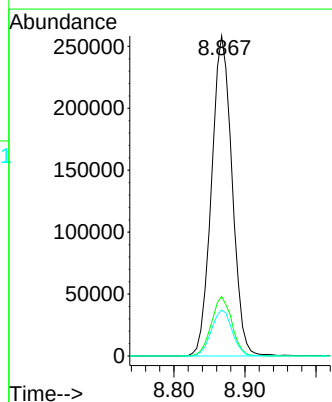
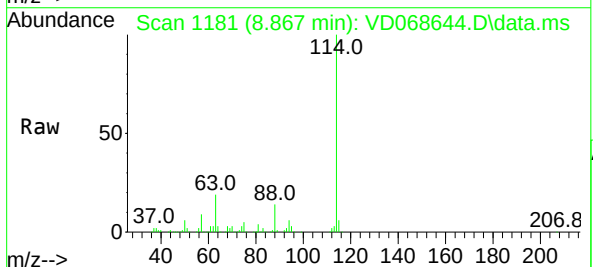
Tgt Ion: 65 Resp: 146623
Ion Ratio Lower Upper
65 100
67 53.2 0.0 105.0

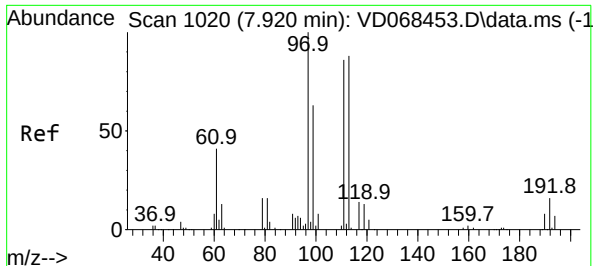


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068644.D
Acq: 17 Mar 2021 18:14

Tgt Ion: 114 Resp: 518024
Ion Ratio Lower Upper
114 100
63 18.6 0.0 34.8
88 14.4 0.0 31.6





#35

Dibromofluoromethane

Concen: 50.85 ug/l

RT: 7.920 min Scan# 1020

Delta R.T. 0.000 min

Lab File: VD068644.D

Acq: 17 Mar 2021 18:14

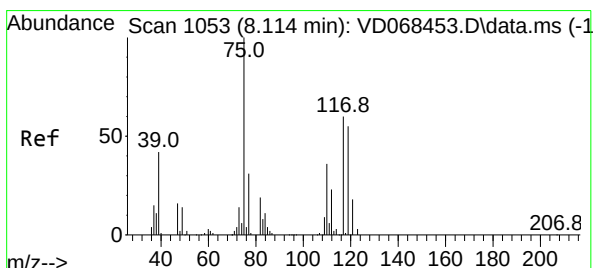
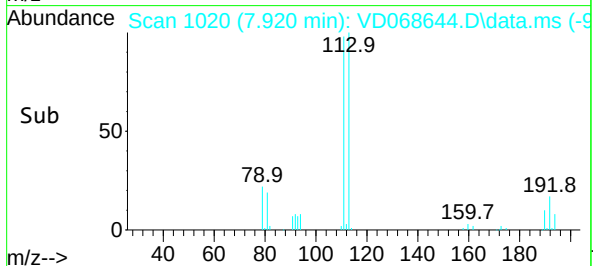
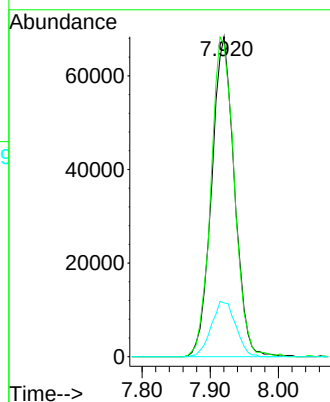
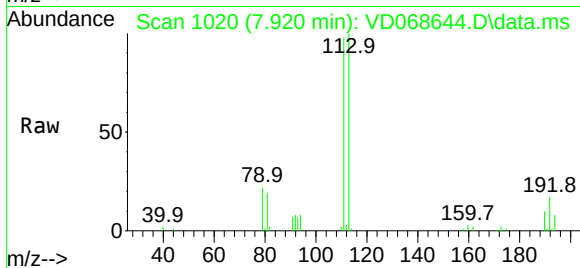
Tgt Ion:113 Resp: 158692

Ion Ratio Lower Upper

113 100

111 102.5 81.4 122.0

192 18.5 16.1 24.1



#36

1,1-Dichloropropene

Concen: 4.42 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.135 min

Lab File: VD068644.D

Acq: 17 Mar 2021 18:14

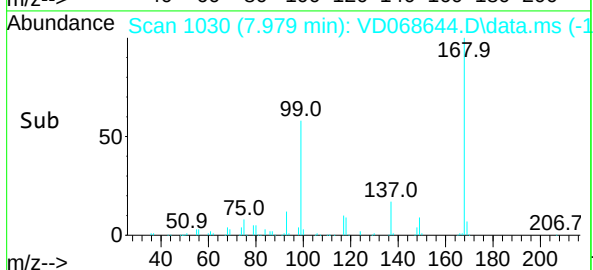
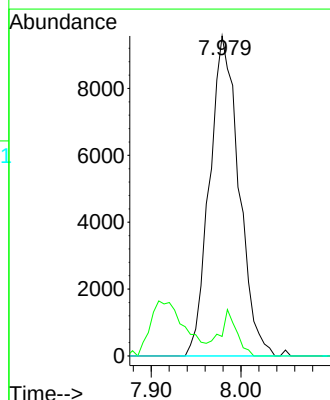
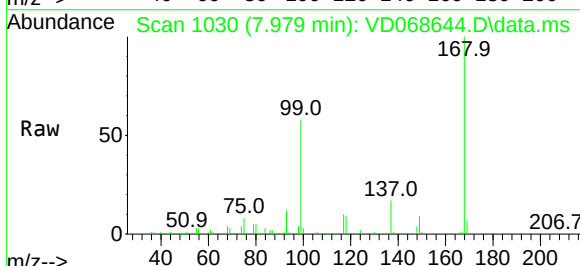
Tgt Ion: 75 Resp: 21785

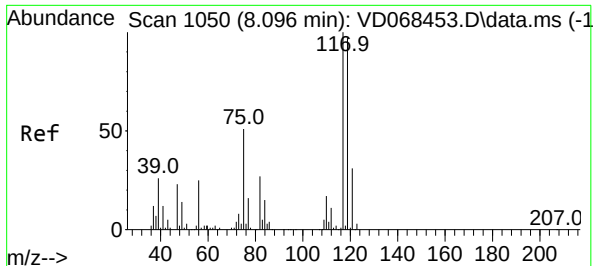
Ion Ratio Lower Upper

75 100

110 8.4 19.4 58.2#

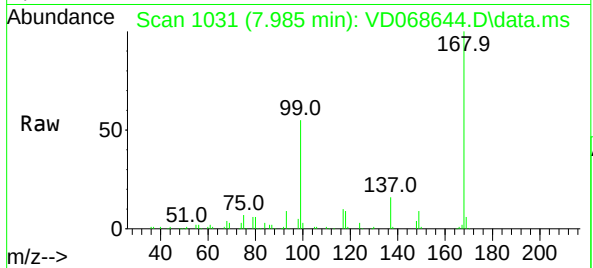
77 0.0 25.3 37.9#



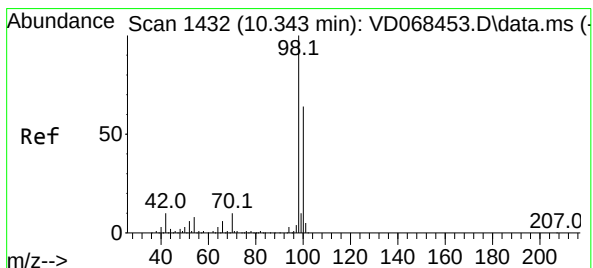
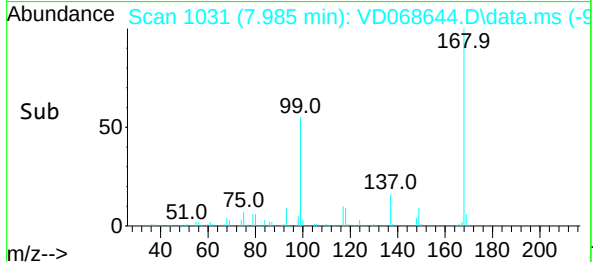
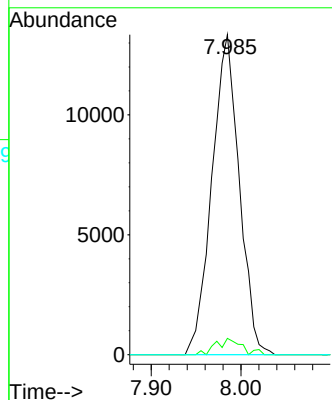


#38
Carbon Tetrachloride
Concen: 6.10 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.111 min
Lab File: VD068644.D
Acq: 17 Mar 2021 18:14

Instrument :
MSVOA_D
ClientSampleId :

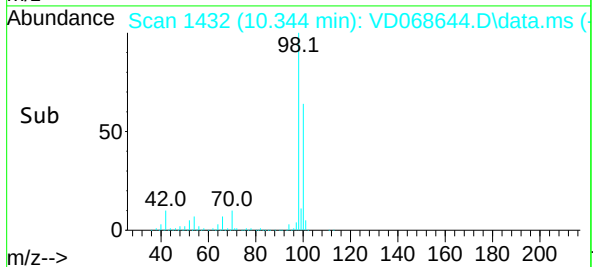
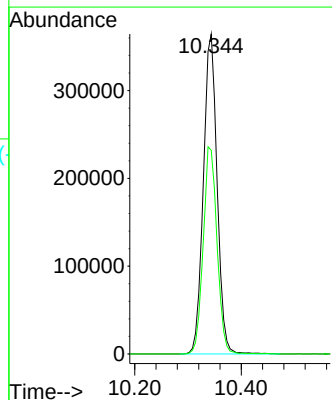
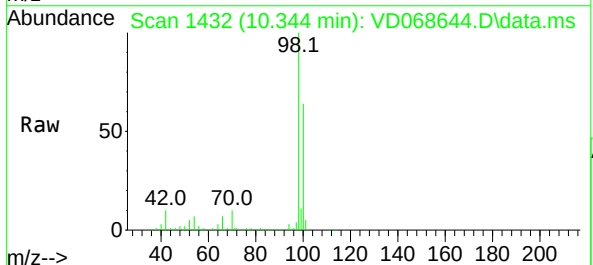


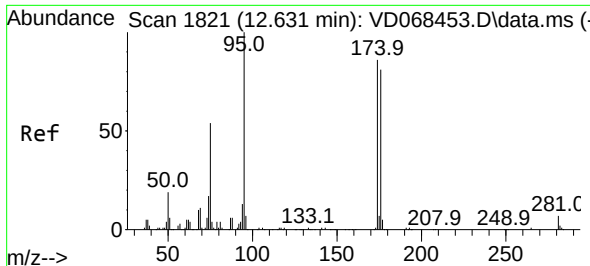
Tgt Ion:117 Resp: 28230
Ion Ratio Lower Upper
117 100
119 5.1 77.3 115.9#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 52.41 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068644.D
Acq: 17 Mar 2021 18:14

Tgt Ion: 98 Resp: 651456
Ion Ratio Lower Upper
98 100
100 65.2 53.0 79.4

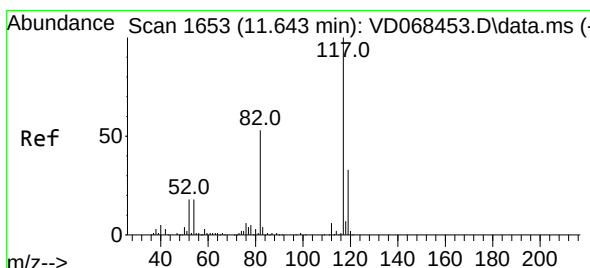
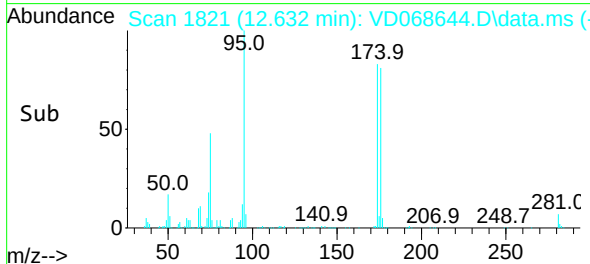
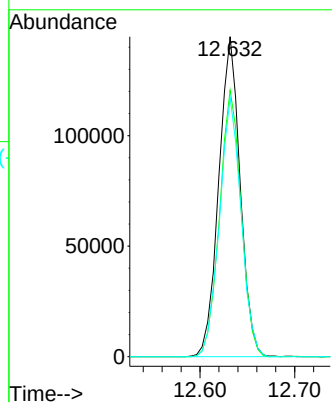
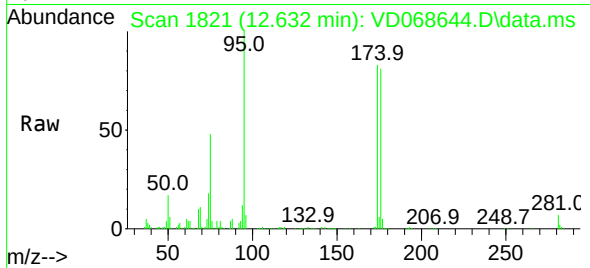




#62
4-Bromofluorobenzene
Concen: 56.73 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068644.D
Acq: 17 Mar 2021 18:14

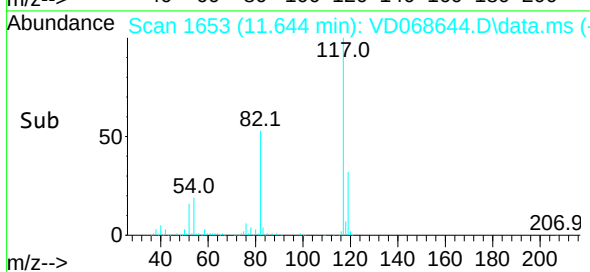
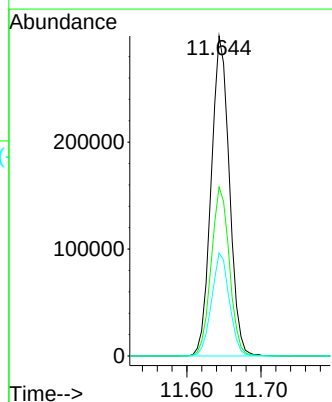
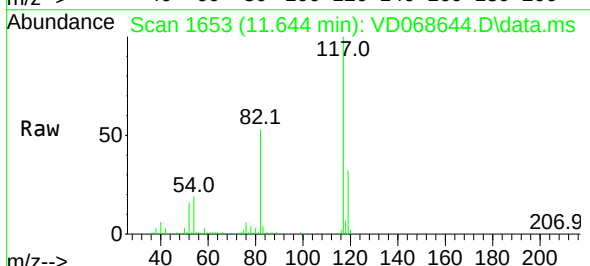
Instrument :
MSVOA_D
ClientSampleId :

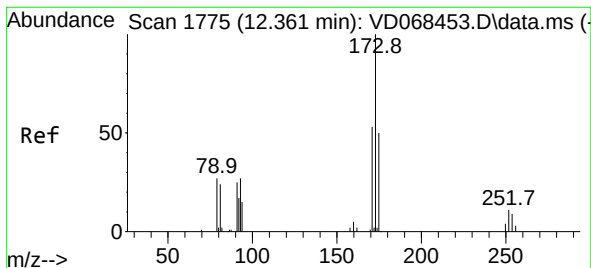
Tgt Ion: 95 Resp: 227239
Ion Ratio Lower Upper
95 100
174 84.0 0.0 172.4
176 81.8 0.0 168.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068644.D
Acq: 17 Mar 2021 18:14

Tgt Ion: 117 Resp: 509389
Ion Ratio Lower Upper
117 100
82 52.8 41.4 62.0
119 32.2 26.1 39.1





#71

Bromoform

Concen: 1.03 ug/l

RT: 12.632 min Scan# 1821

Delta R.T. 0.271 min

Lab File: VD068644.D

Acq: 17 Mar 2021 18:14

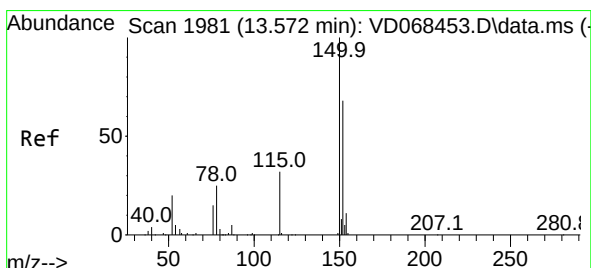
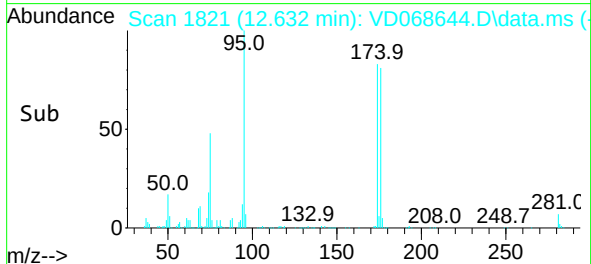
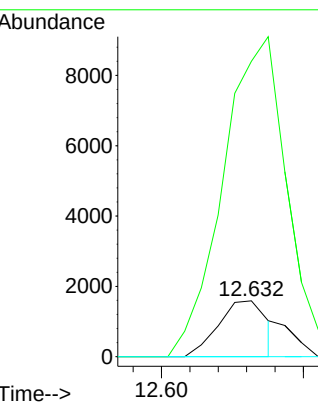
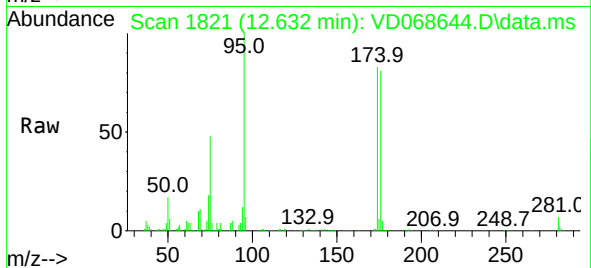
Tgt Ion:173 Resp: 1893

Ion Ratio Lower Upper

173 100

175 0.0 24.6 73.8#

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. 0.001 min

Lab File: VD068644.D

Acq: 17 Mar 2021 18:14

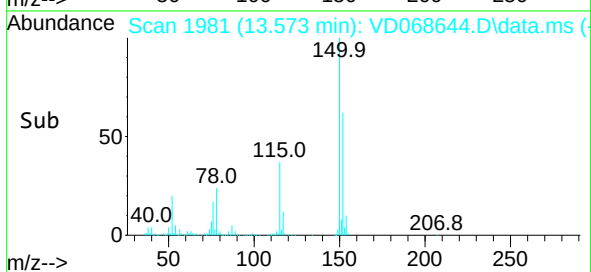
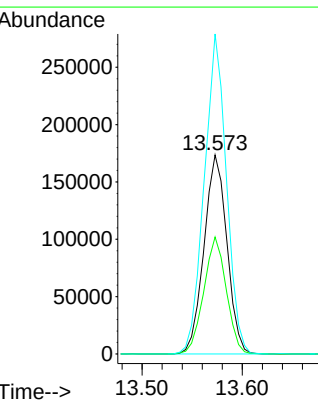
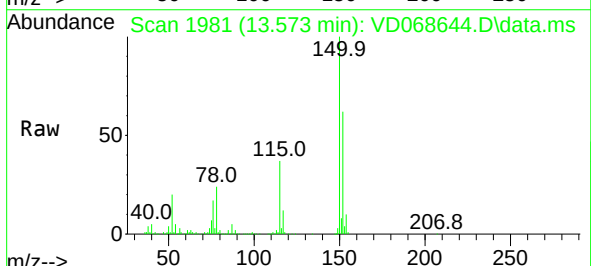
Tgt Ion:152 Resp: 275100

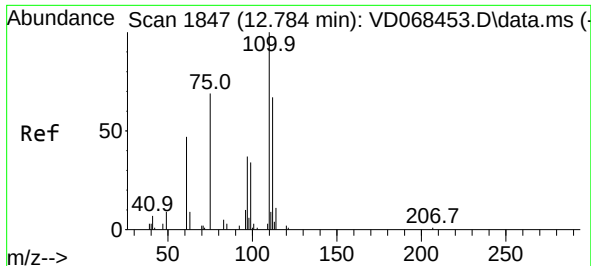
Ion Ratio Lower Upper

152 100

115 57.7 28.9 86.8

150 155.6 0.0 344.4

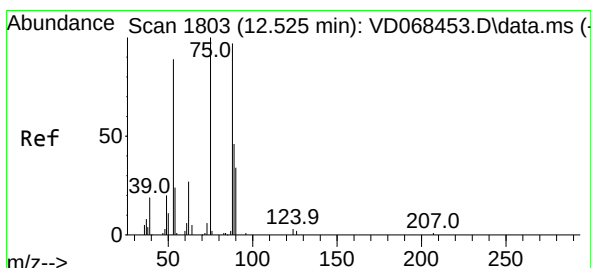
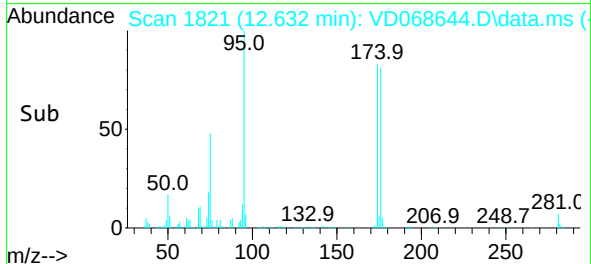
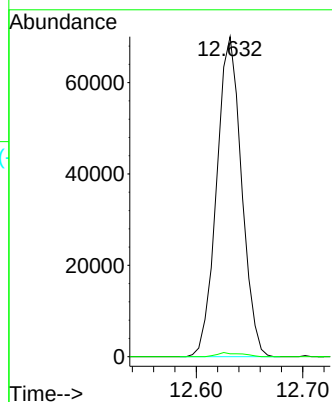
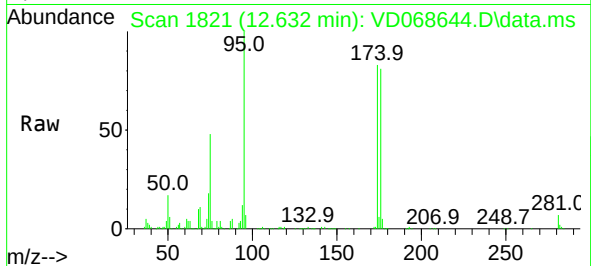




#76
1,2,3-Trichloropropane
Concen: 46.64 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.152 min
Lab File: VD068644.D
Acq: 17 Mar 2021 18:14

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 113901
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 108.84 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068644.D
Acq: 17 Mar 2021 18:14

Tgt Ion: 75 Resp: 113901
Ion Ratio Lower Upper
75 100
53 0.0 70.2 105.2#
89 0.2 40.3 60.5#

