

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031721\
 Data File : VD068643.D
 Acq On : 17 Mar 2021 17:46
 Operator : VA/SY
 Sample : M1707-04
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Mar 18 00:57:33 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)

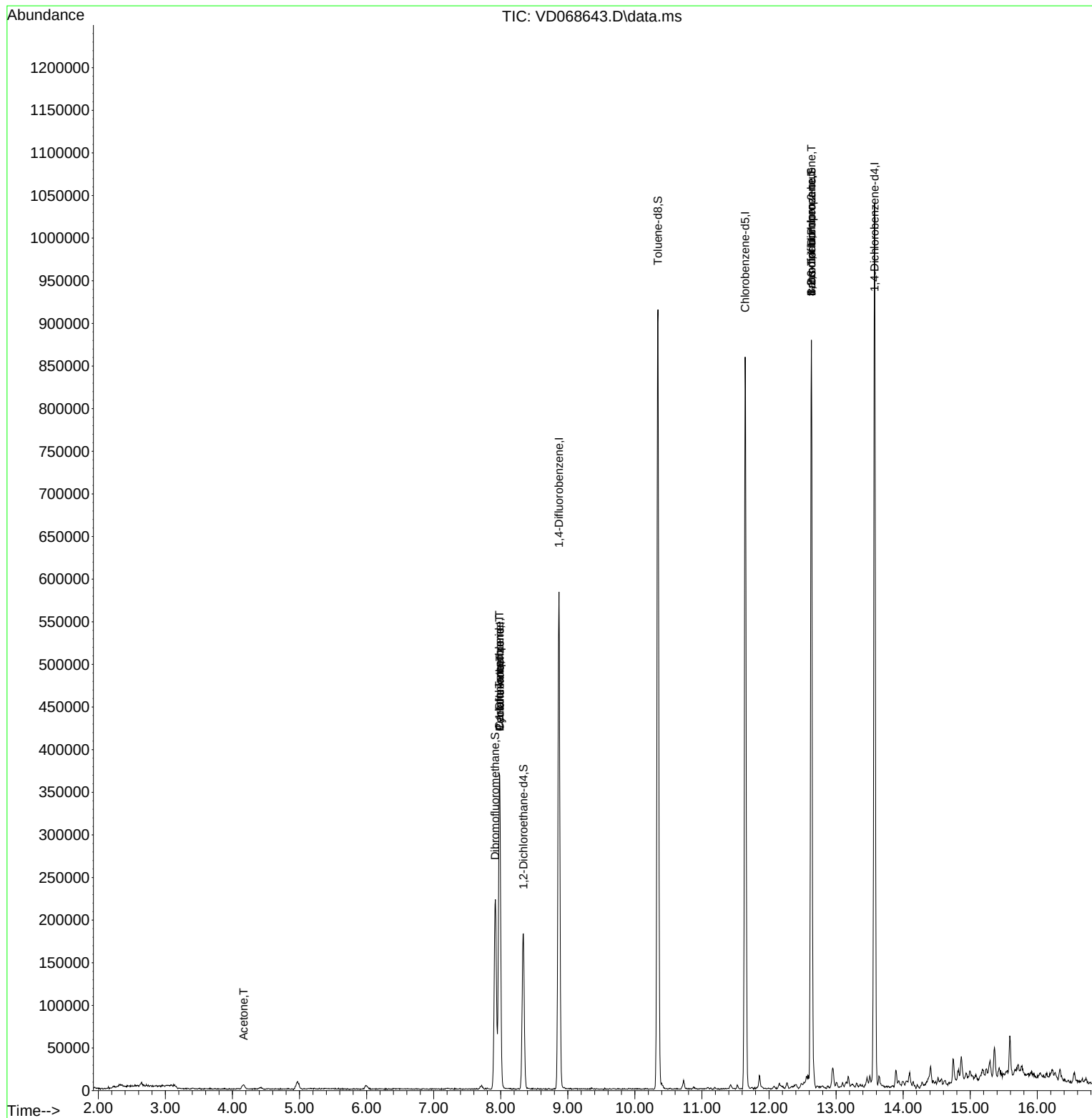
Internal Standards						
1) Pentafluorobenzene	7.985	168	283997	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	517724	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	513606	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	279204	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	143096	50.43	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.86%			
35) Dibromofluoromethane	7.914	113	161526	51.79	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.58%			
50) Toluene-d8	10.344	98	657919	52.96	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 105.92%			
62) 4-Bromofluorobenzene	12.632	95	236794	59.15	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 118.30%			
Target Compounds						Qvalue
16) Acetone	4.167	43	9184	20.38	ug/l	96
20) Methylene Chloride	4.973	84	7447	Below Cal	#	91
31) Cyclohexane	7.985	56	5776	1.12	ug/l #	10
36) 1,1-Dichloropropene	7.979	75	22012	4.47	ug/l #	44
38) Carbon Tetrachloride	7.979	117	28789	6.23	ug/l #	18
71) Bromoform	12.632	173	2131	1.15	ug/l #	1
76) 1,2,3-Trichloropropane	12.632	75	119038	48.03	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	119038	112.07	ug/l #	14

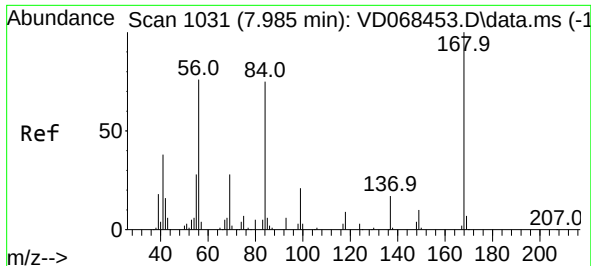
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

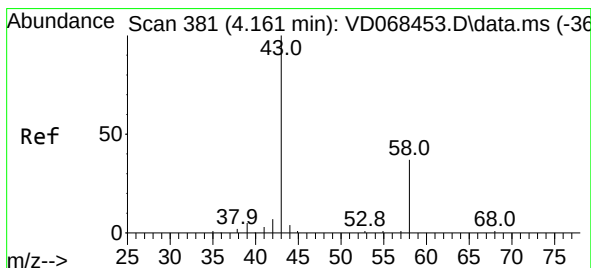
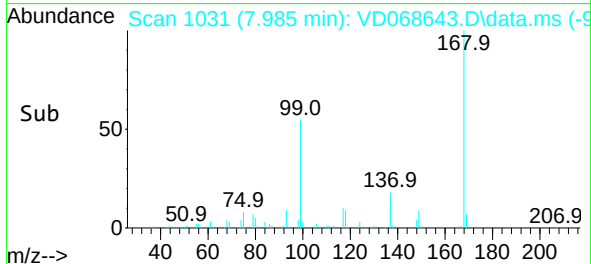
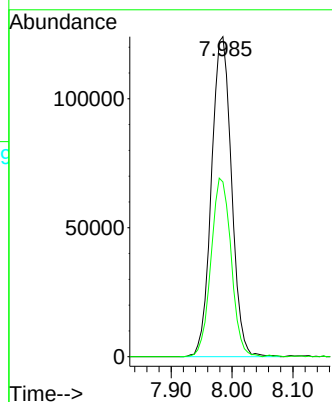
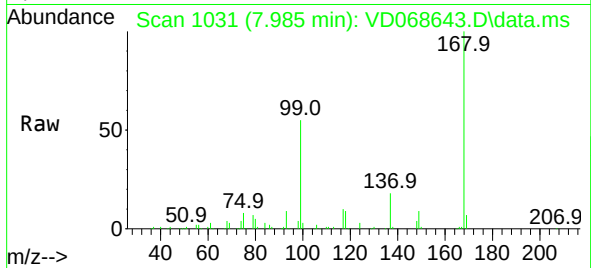




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068643.D
Acq: 17 Mar 2021 17:46

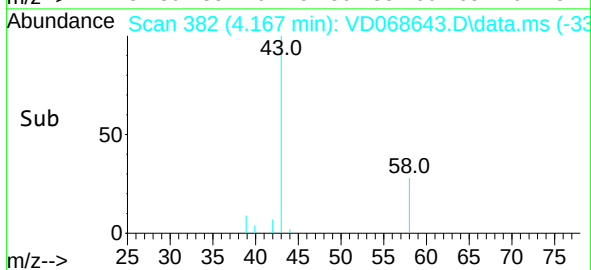
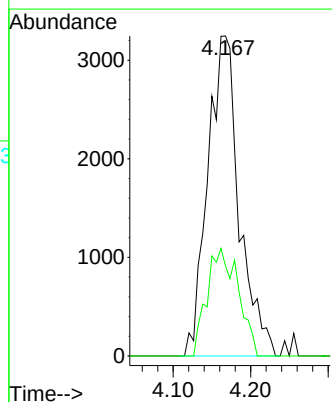
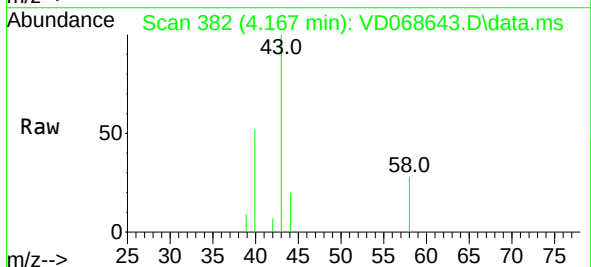
Instrument :
MSVOA_D
ClientSampled :

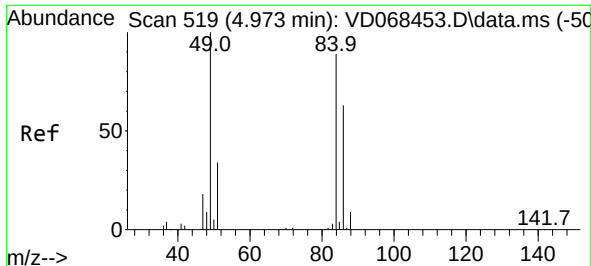
Tgt Ion:168 Resp: 283997
Ion Ratio Lower Upper
168 100
99 54.6 43.5 65.3



#16
Acetone
Concen: 20.38 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.006 min
Lab File: VD068643.D
Acq: 17 Mar 2021 17:46

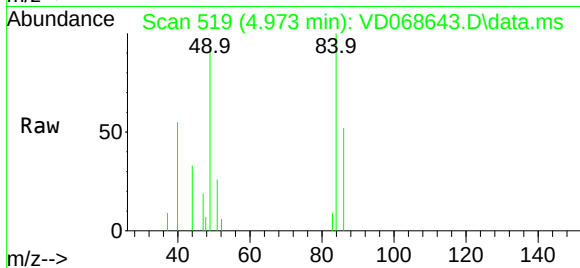
Tgt Ion: 43 Resp: 9184
Ion Ratio Lower Upper
43 100
58 28.2 24.2 36.4



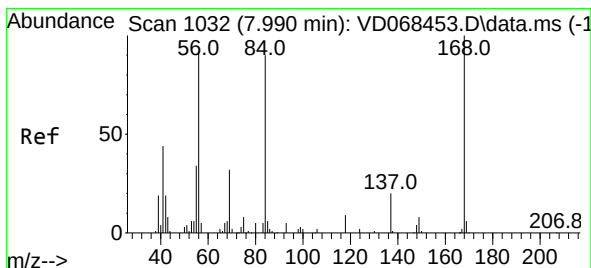
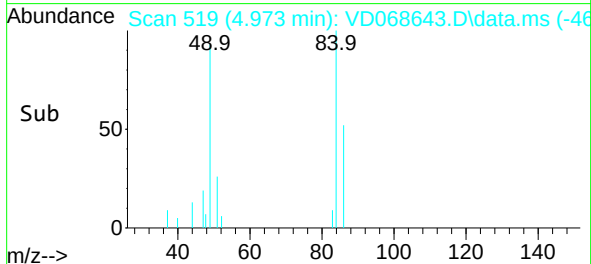
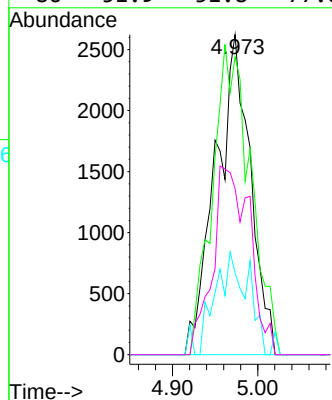


#20
Methylene Chloride
Concen: Below Cal
RT: 4.973 min Scan# 519
Delta R.T. 0.000 min
Lab File: VD068643.D
Acq: 17 Mar 2021 17:46

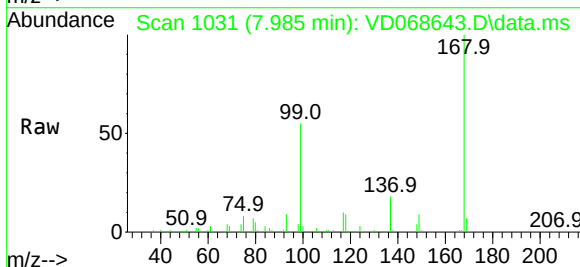
Instrument :
MSVOA_D
ClientSampleId :



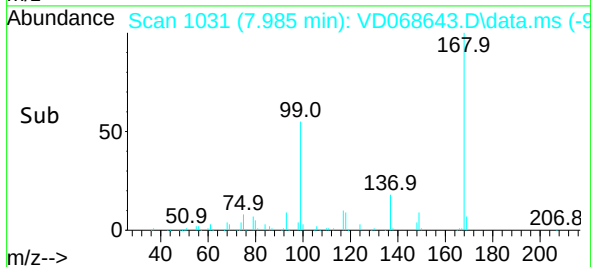
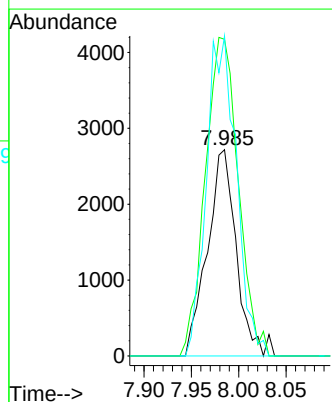
Tgt Ion:	84	Resp:	7447
Ion	Ratio	Lower	Upper
84	100		
49	93.1	77.4	116.2
51	25.6	26.1	39.1#
86	51.9	51.8	77.8

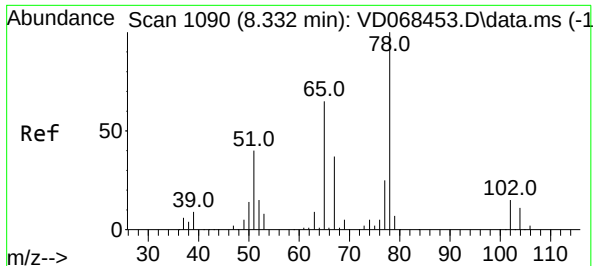


#31
Cyclohexane
Concen: 1.12 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD068643.D
Acq: 17 Mar 2021 17:46



Tgt Ion:	56	Resp:	5776
Ion	Ratio	Lower	Upper
56	100		
69	153.5	30.1	45.1#
84	155.1	82.1	123.1#





#33

1,2-Dichloroethane-d4

Concen: 50.43 ug/l

RT: 8.338 min Scan# 1091

Delta R.T. 0.006 min

Lab File: VD068643.D

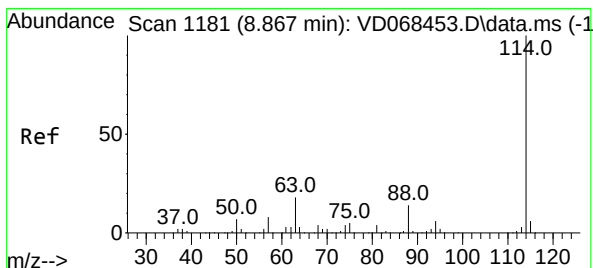
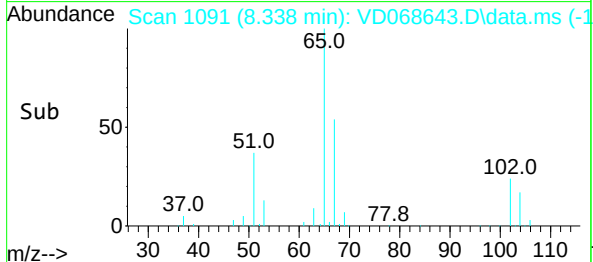
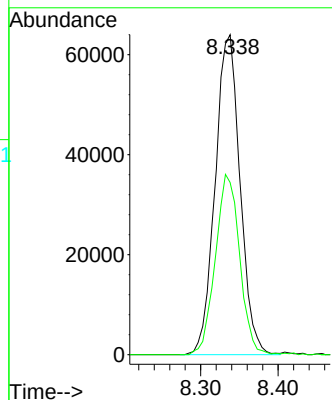
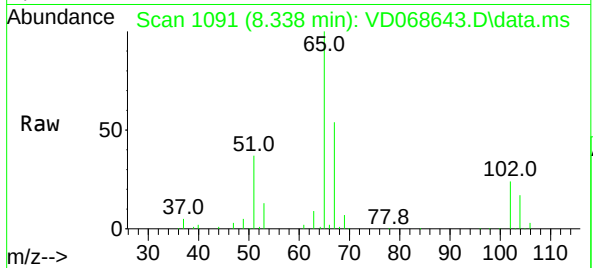
Acq: 17 Mar 2021 17:46

Tgt Ion: 65 Resp: 143096

Ion Ratio Lower Upper

65 100

67 55.0 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: VD068643.D

Acq: 17 Mar 2021 17:46

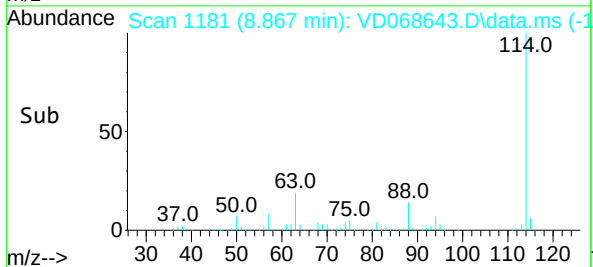
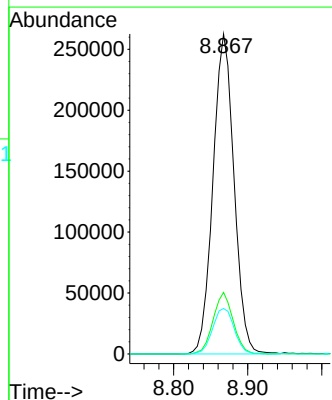
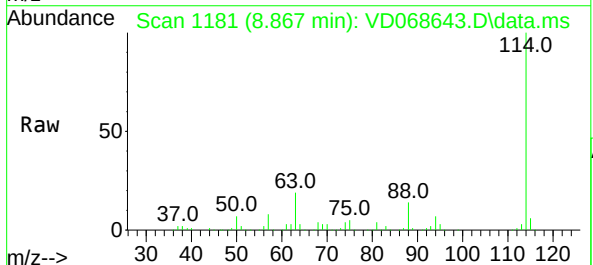
Tgt Ion: 114 Resp: 517724

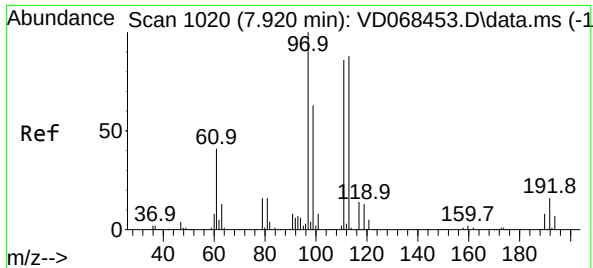
Ion Ratio Lower Upper

114 100

63 19.3 0.0 34.8

88 14.2 0.0 31.6

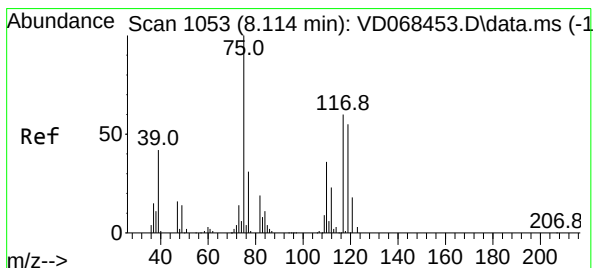
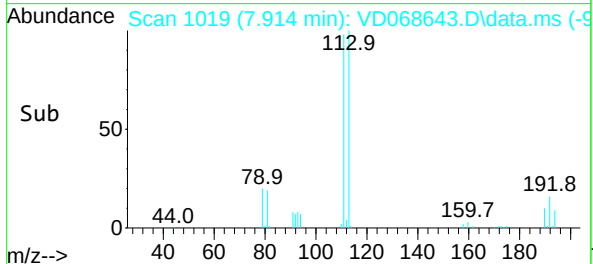
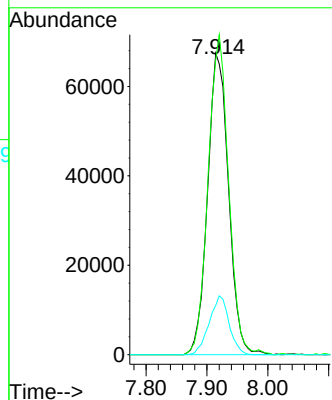
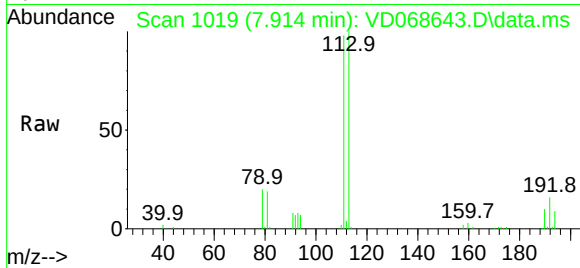




#35
Dibromofluoromethane
Concen: 51.79 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068643.D
Acq: 17 Mar 2021 17:46

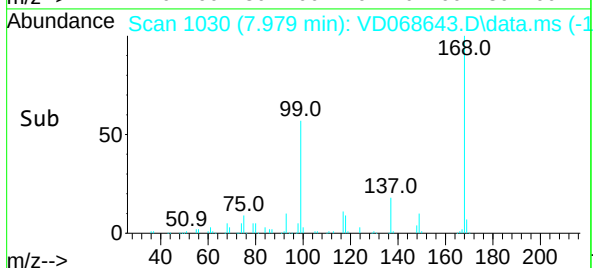
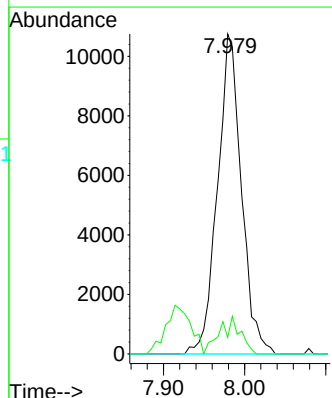
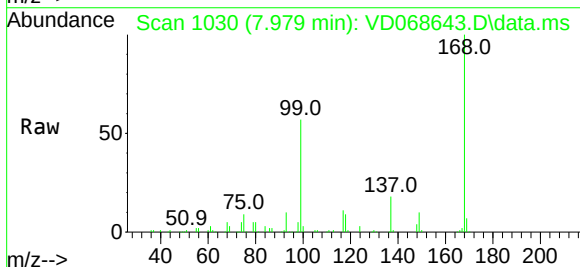
Instrument :
MSVOA_D
ClientSampleId :

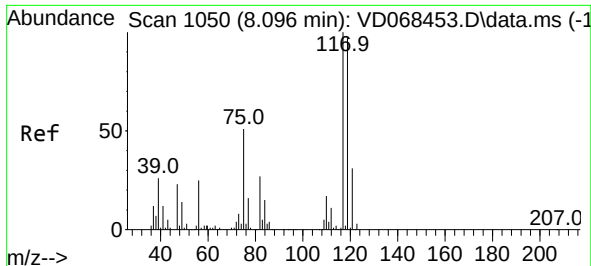
Tgt Ion:113 Resp: 161526
Ion Ratio Lower Upper
113 100
111 103.6 81.4 122.0
192 18.4 16.1 24.1



#36
1,1-Dichloropropene
Concen: 4.47 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.135 min
Lab File: VD068643.D
Acq: 17 Mar 2021 17:46

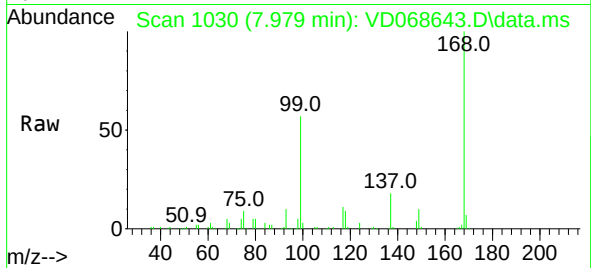
Tgt Ion: 75 Resp: 22012
Ion Ratio Lower Upper
75 100
110 4.9 19.4 58.2#
77 0.0 25.3 37.9#



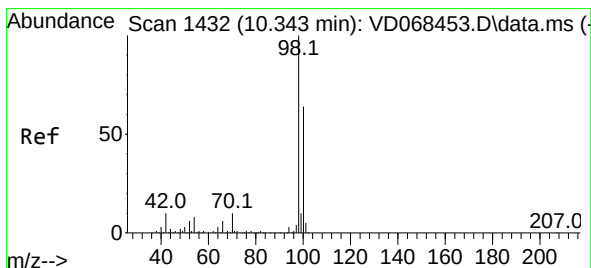
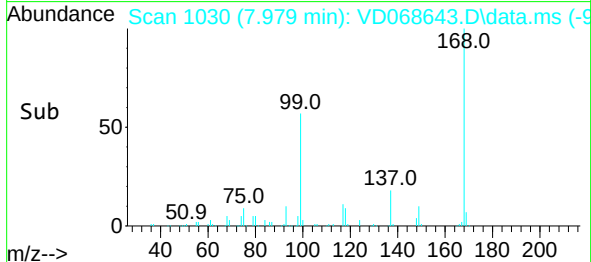
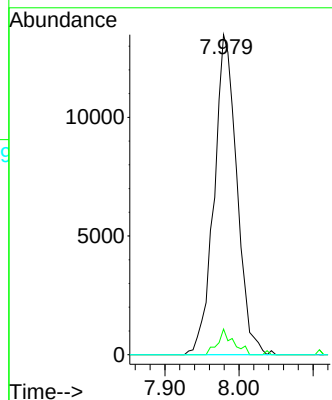


#38
Carbon Tetrachloride
Concen: 6.23 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.117 min
Lab File: VD068643.D
Acq: 17 Mar 2021 17:46

Instrument :
MSVOA_D
ClientSampleId :

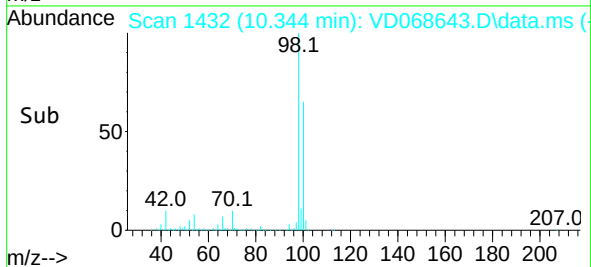
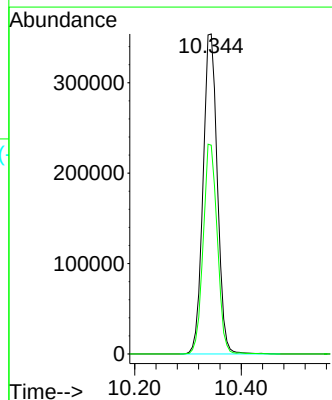
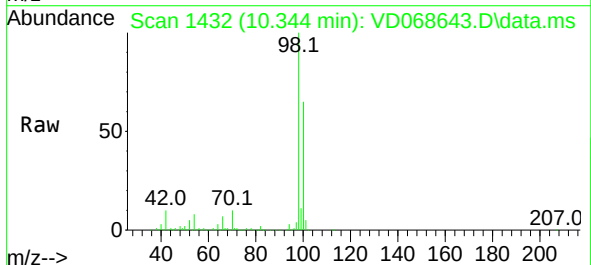


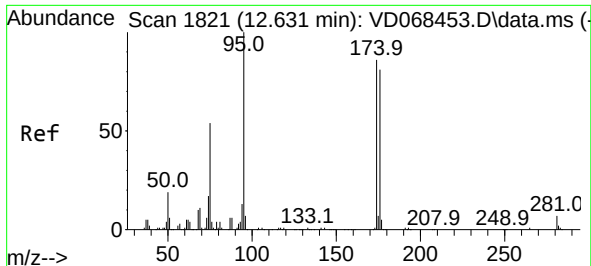
Tgt Ion:117 Resp: 28789
Ion Ratio Lower Upper
117 100
119 8.0 77.3 115.9#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 52.96 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068643.D
Acq: 17 Mar 2021 17:46

Tgt Ion: 98 Resp: 657919
Ion Ratio Lower Upper
98 100
100 64.7 53.0 79.4

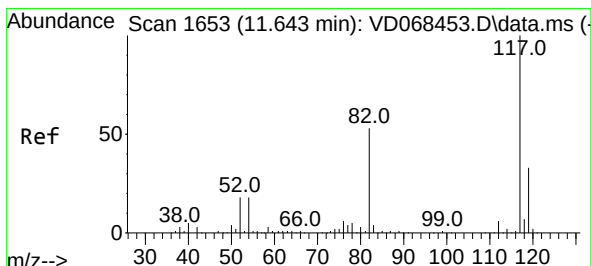
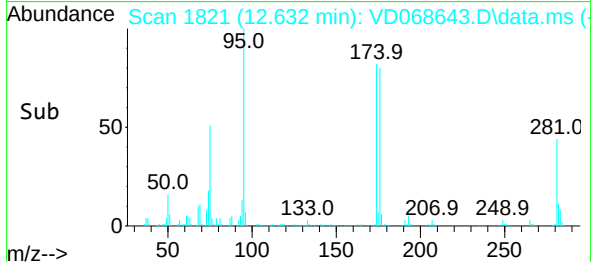
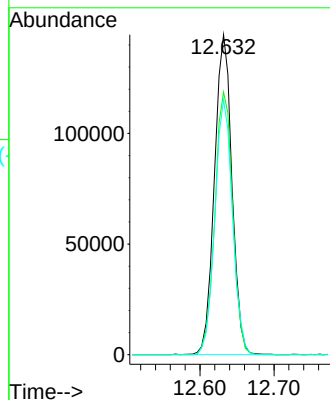
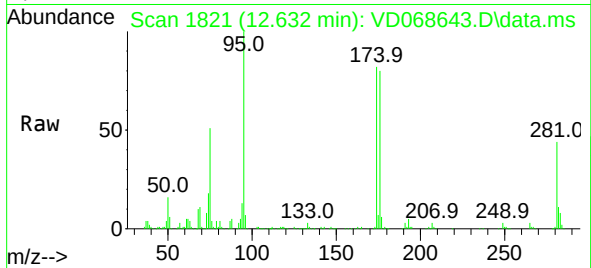




#62
4-Bromofluorobenzene
Concen: 59.15 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068643.D
Acq: 17 Mar 2021 17:46

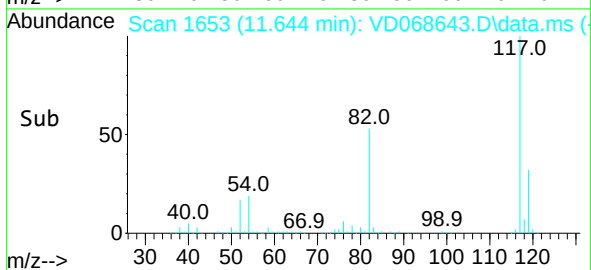
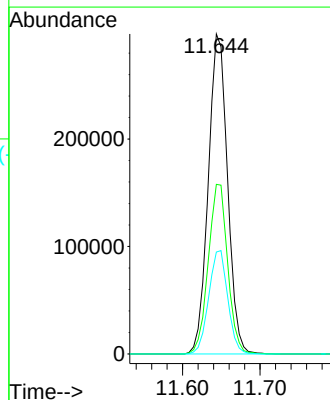
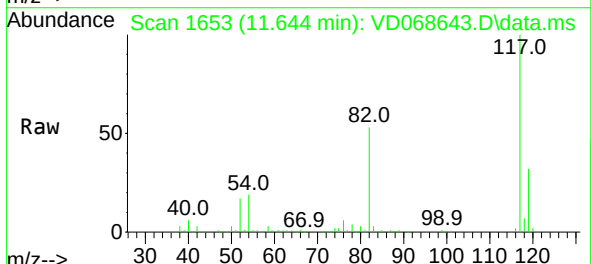
Instrument :
MSVOA_D
ClientSampleId :

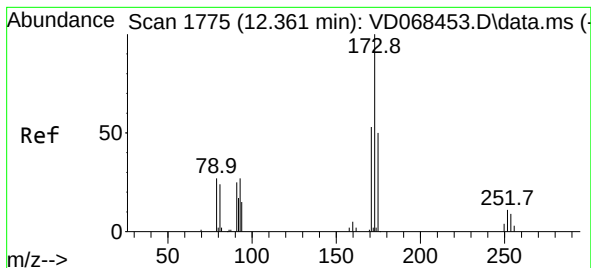
Tgt Ion: 95 Resp: 236794
Ion Ratio Lower Upper
95 100
174 83.1 0.0 172.4
176 80.0 0.0 168.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068643.D
Acq: 17 Mar 2021 17:46

Tgt Ion: 117 Resp: 513606
Ion Ratio Lower Upper
117 100
82 53.0 41.4 62.0
119 31.9 26.1 39.1

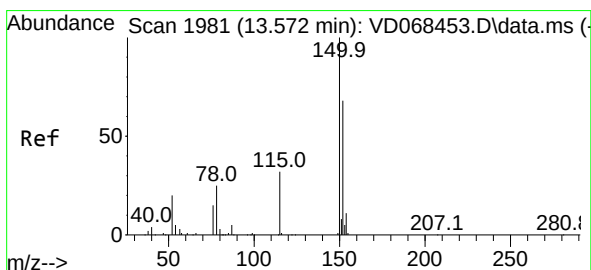
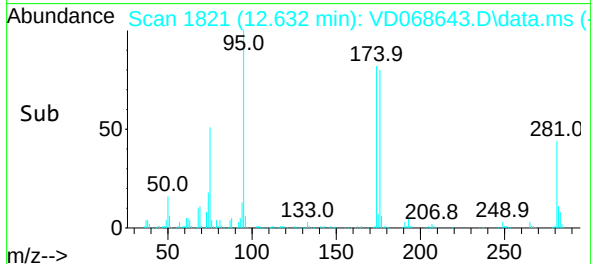
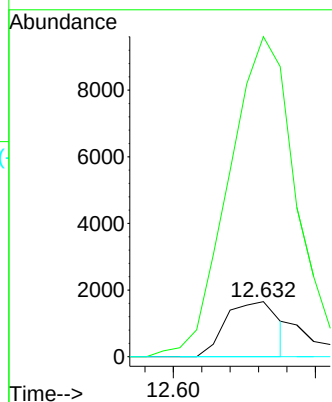
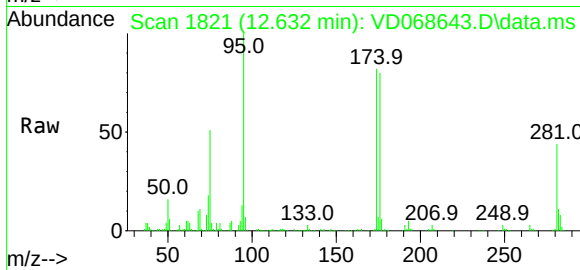




#71
Bromoform
Concen: 1.15 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.271 min
Lab File: VD068643.D
Acq: 17 Mar 2021 17:46

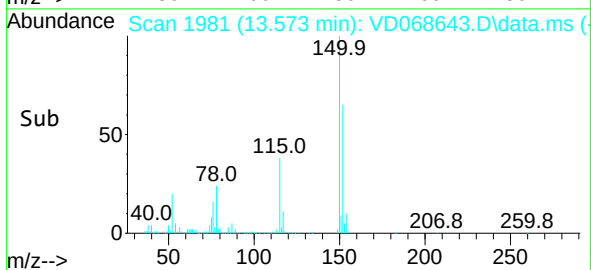
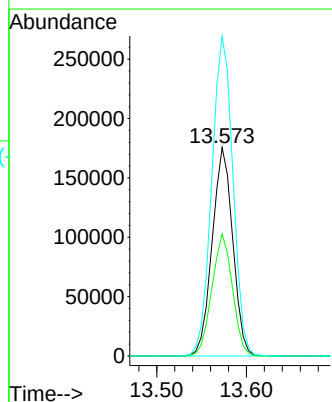
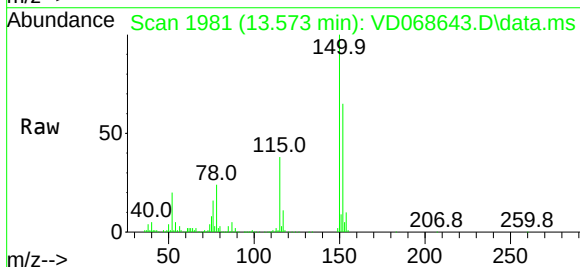
Instrument :
MSVOA_D
ClientSampleId :

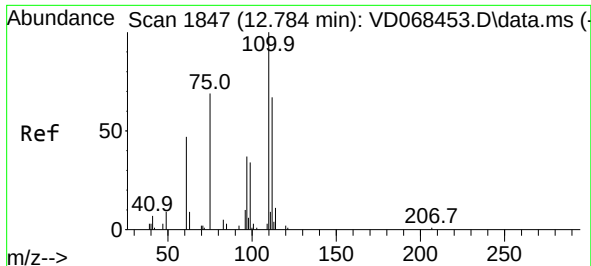
Tgt Ion:173 Resp: 2131
Ion Ratio Lower Upper
173 100
175 602.7 24.6 73.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.001 min
Lab File: VD068643.D
Acq: 17 Mar 2021 17:46

Tgt Ion:152 Resp: 279204
Ion Ratio Lower Upper
152 100
115 58.4 28.9 86.8
150 157.9 0.0 344.4

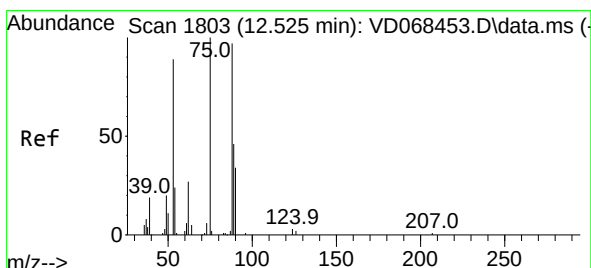
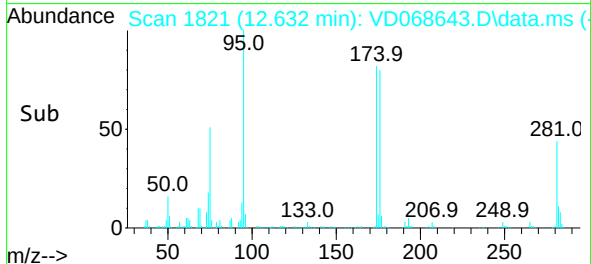
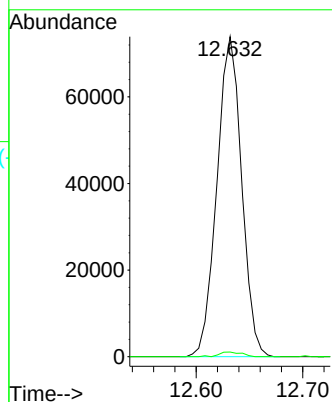
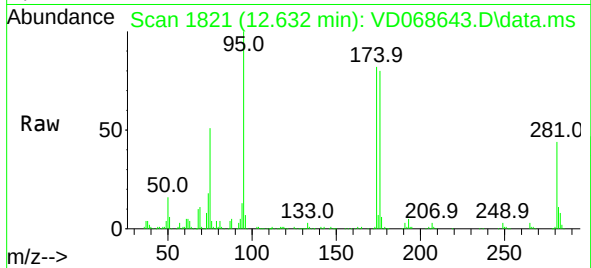




#76
1,2,3-Trichloropropane
Concen: 48.03 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.152 min
Lab File: VD068643.D
Acq: 17 Mar 2021 17:46

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 119038
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 112.07 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068643.D
Acq: 17 Mar 2021 17:46

Tgt Ion: 75 Resp: 119038
Ion Ratio Lower Upper
75 100
53 0.1 70.2 105.2#
89 0.4 40.3 60.5#

