

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031221\
 Data File : VD068604.D
 Acq On : 12 Mar 2021 14:08
 Operator : VA/SY
 Sample : M1625-04
 Misc : 6.39G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-1-2

Quant Time: Mar 12 23:35:30 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	333135	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	599566	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	601047	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	328750	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	181067	54.40	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.80%
35) Dibromofluoromethane	7.920	113	191757	53.09	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.18%
50) Toluene-d8	10.344	98	752580	52.31	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.62%
62) 4-Bromofluorobenzene	12.632	95	268047	57.81	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	115.62%

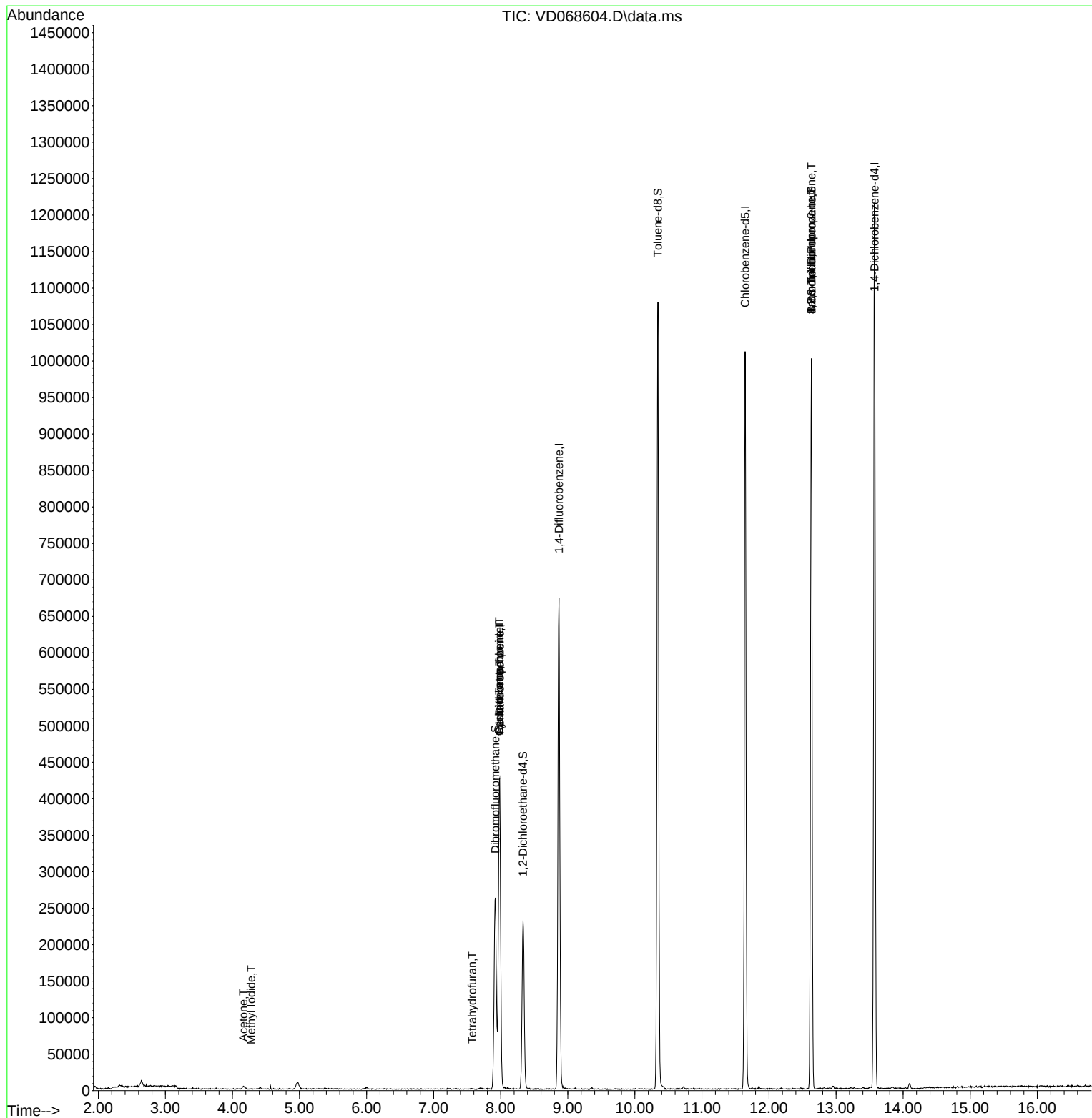
Target Compounds						Qvalue
10) Methyl Iodide	4.279	142	125	2.65	ug/l #	38
16) Acetone	4.162	43	6701	12.67	ug/l	90
20) Methylene Chloride	4.967	84	8542	Below Cal	#	79
29) Tetrahydrofuran	7.573	42	542	1.10	ug/l #	36
31) Cyclohexane	7.979	56	6762	1.12	ug/l #	9
36) 1,1-Dichloropropene	7.979	75	25164	4.42	ug/l #	47
38) Carbon Tetrachloride	7.979	117	34063	6.36	ug/l #	17
71) Bromoform	12.632	173	2290	1.06	ug/l #	1
76) 1,2,3-Trichloropropane	12.632	75	135806	46.53	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	135806	108.59	ug/l #	13

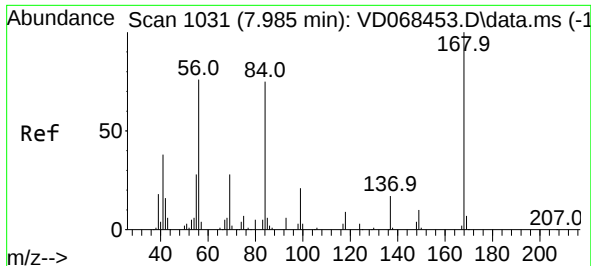
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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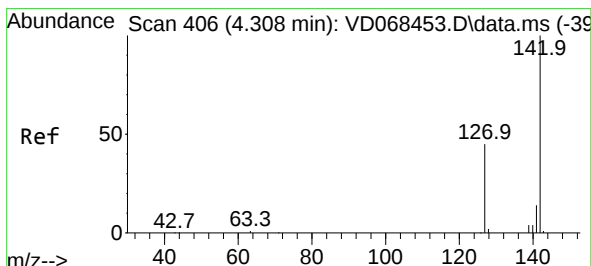
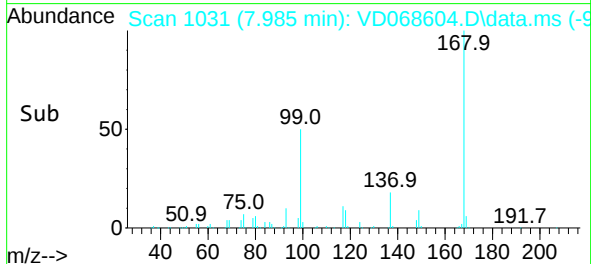
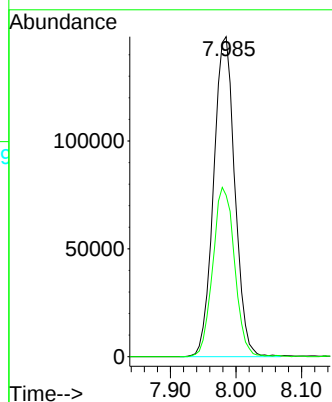
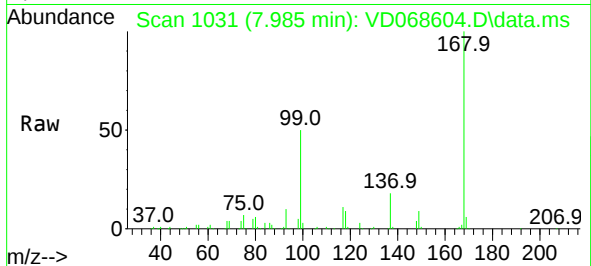




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068604.D
Acq: 12 Mar 2021 14:08

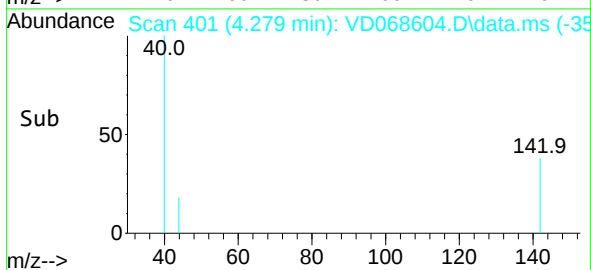
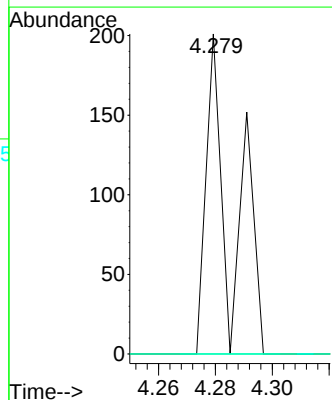
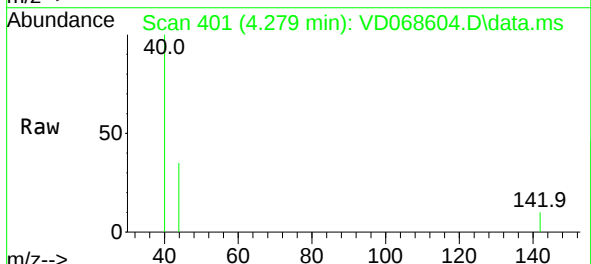
Instrument :
MSVOA_D
ClientSampleId :
SP-1-2

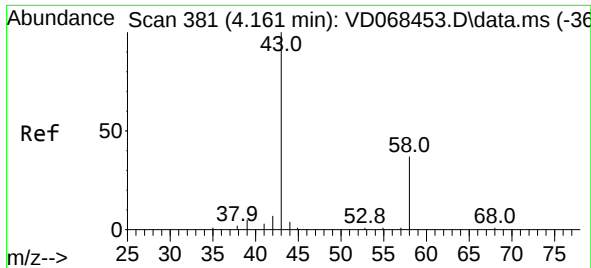
Tgt Ion:168 Resp: 333135
Ion Ratio Lower Upper
168 100
99 50.4 43.5 65.3



#10
Methyl Iodide
Concen: 2.65 ug/l
RT: 4.279 min Scan# 401
Delta R.T. -0.029 min
Lab File: VD068604.D
Acq: 12 Mar 2021 14:08

Tgt Ion:142 Resp: 125
Ion Ratio Lower Upper
142 100
127 0.0 37.9 56.9#
141 0.0 11.5 17.3#

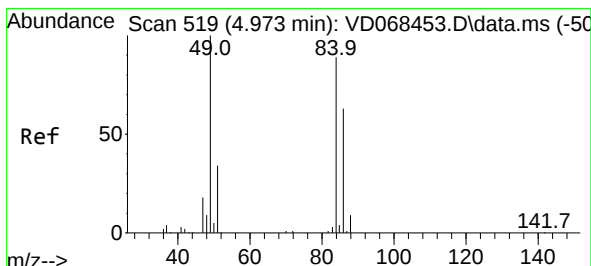
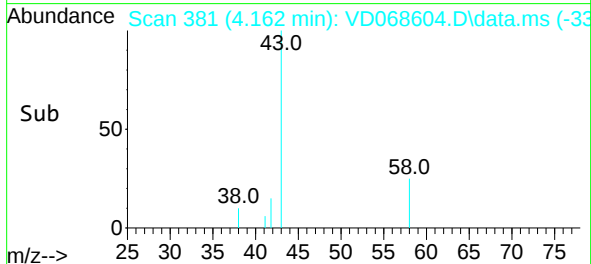
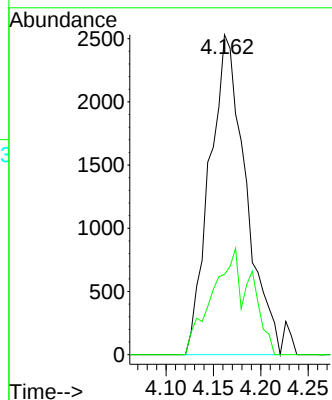
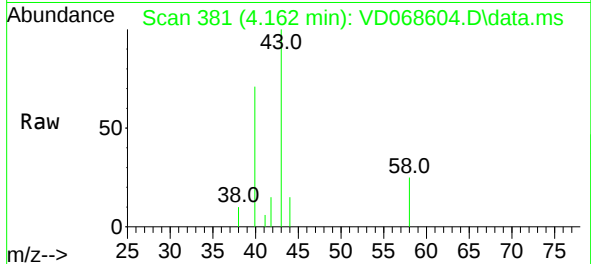




#16
Acetone
Concen: 12.67 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.000 min
Lab File: VD068604.D
Acq: 12 Mar 2021 14:08

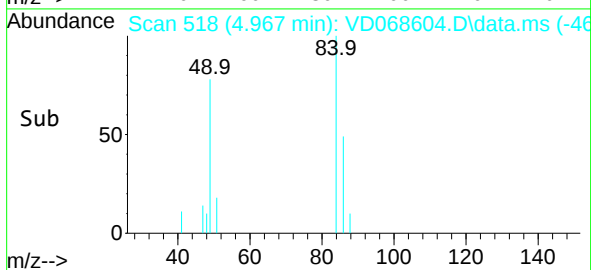
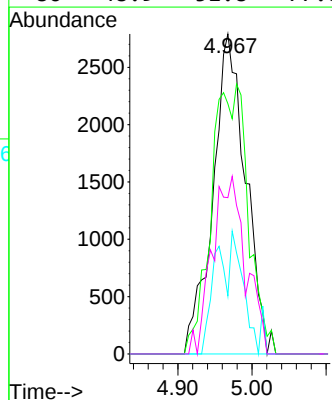
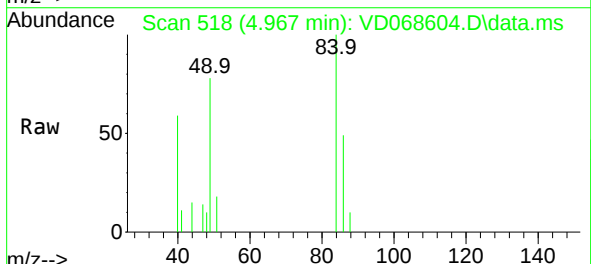
Instrument :
MSVOA_D
ClientSampled :
SP-1-2

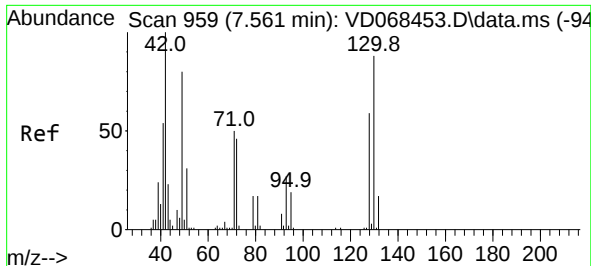
Tgt Ion: 43 Resp: 6701
Ion Ratio Lower Upper
43 100
58 25.1 24.2 36.4



#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. -0.006 min
Lab File: VD068604.D
Acq: 12 Mar 2021 14:08

Tgt Ion: 84 Resp: 8542
Ion Ratio Lower Upper
84 100
49 78.2 77.4 116.2
51 18.1 26.1 39.1#
86 48.9 51.8 77.8#





#29

Tetrahydrofuran

Concen: 1.10 ug/l

RT: 7.573 min Scan# 961

Delta R.T. 0.012 min

Lab File: VD068604.D

Acq: 12 Mar 2021 14:08

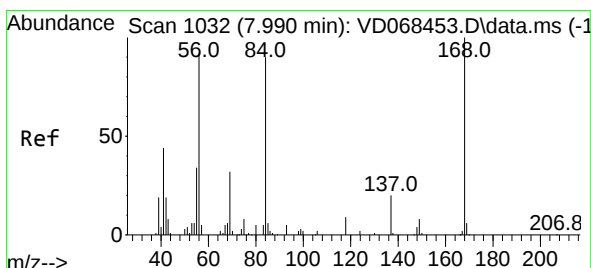
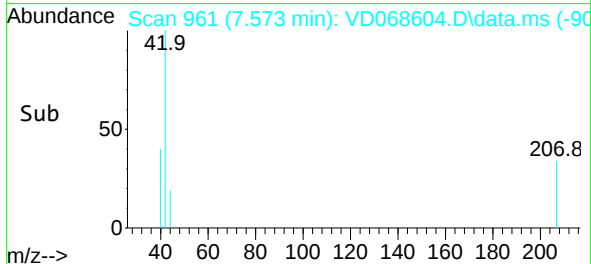
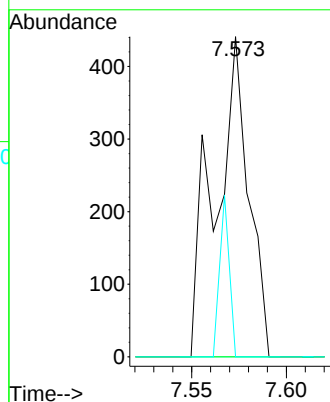
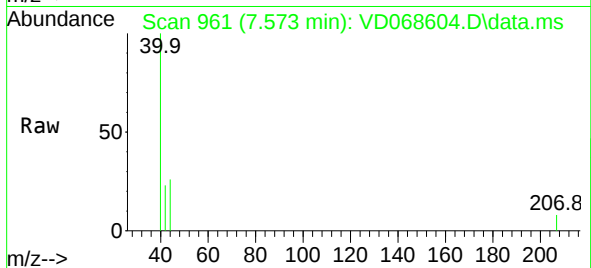
Instrument :

MSVOA_D

ClientSampled :

SP-1-2

Tgt Ion:	42	Resp:	542
Ion	Ratio	Lower	Upper
42	100		
72	0.0	43.4	65.0#
71	14.6	40.8	61.2#



#31

Cyclohexane

Concen: 1.12 ug/l

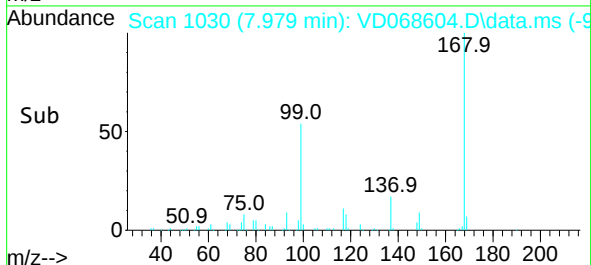
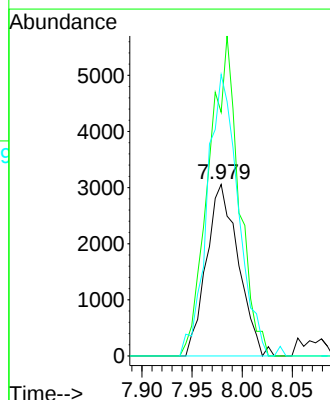
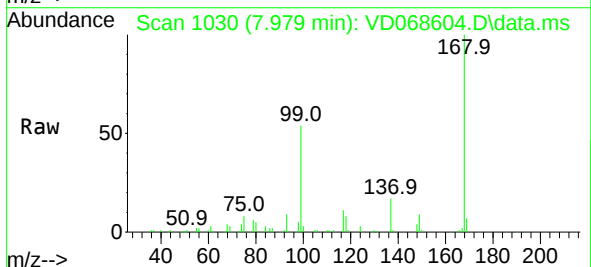
RT: 7.979 min Scan# 1030

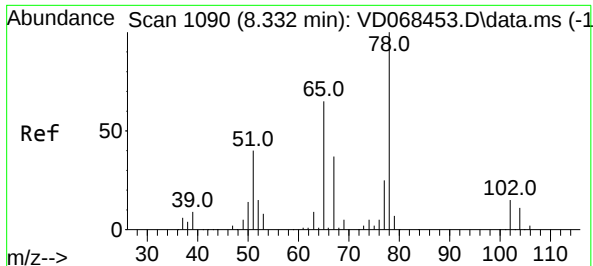
Delta R.T. -0.011 min

Lab File: VD068604.D

Acq: 12 Mar 2021 14:08

Tgt Ion:	56	Resp:	6762
Ion	Ratio	Lower	Upper
56	100		
69	142.0	30.1	45.1#
84	164.1	82.1	123.1#

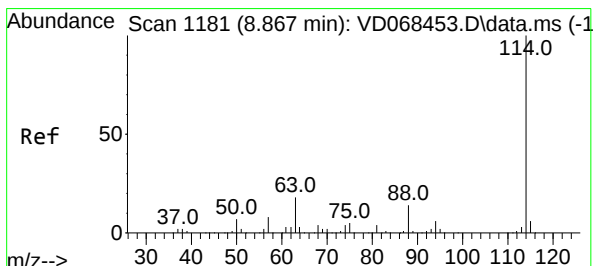
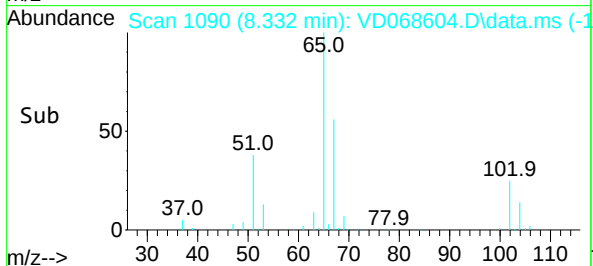
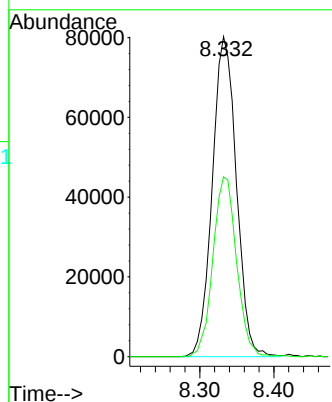
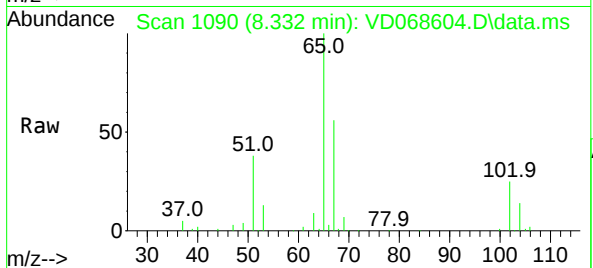




#33
1,2-Dichloroethane-d4
Concen: 54.40 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068604.D
Acq: 12 Mar 2021 14:08

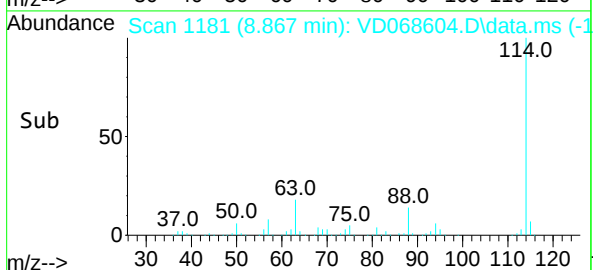
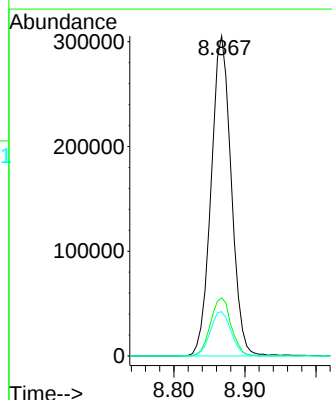
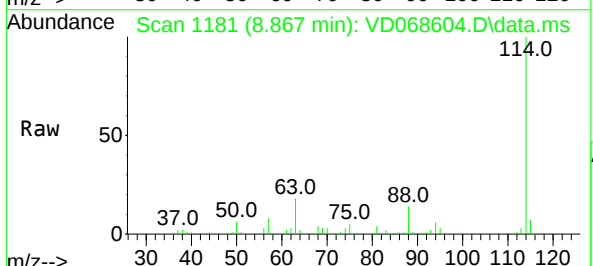
Instrument :
MSVOA_D
ClientSampled :
SP-1-2

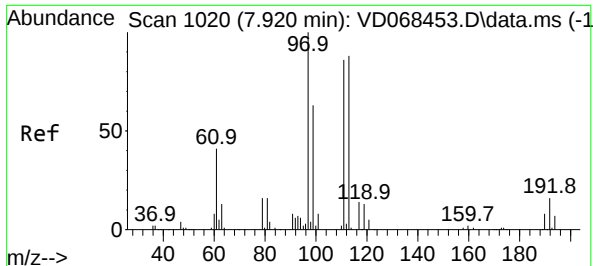
Tgt Ion: 65 Resp: 181067
Ion Ratio Lower Upper
65 100
67 55.3 0.0 105.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068604.D
Acq: 12 Mar 2021 14:08

Tgt Ion: 114 Resp: 599566
Ion Ratio Lower Upper
114 100
63 18.2 0.0 34.8
88 13.9 0.0 31.6





#35

Dibromofluoromethane

Concen: 53.09 ug/l

RT: 7.920 min Scan# 1020

Delta R.T. 0.000 min

Lab File: VD068604.D

Acq: 12 Mar 2021 14:08

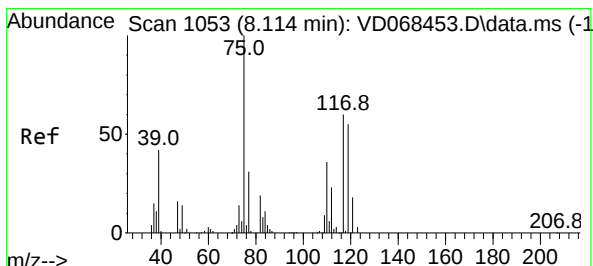
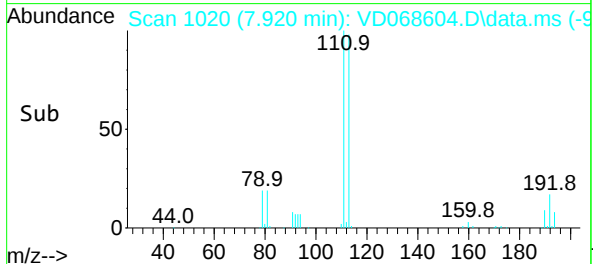
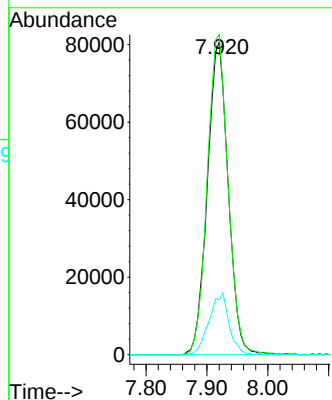
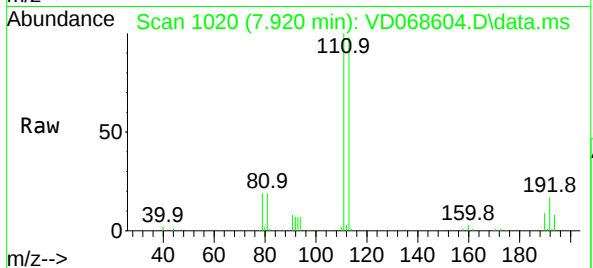
Tgt Ion:113 Resp: 191757

Ion Ratio Lower Upper

113 100

111 102.1 81.4 122.0

192 18.8 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: VD068604.D

Acq: 12 Mar 2021 14:08

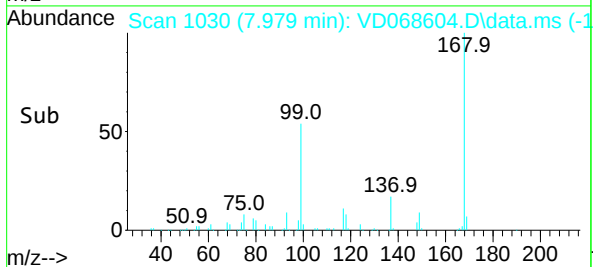
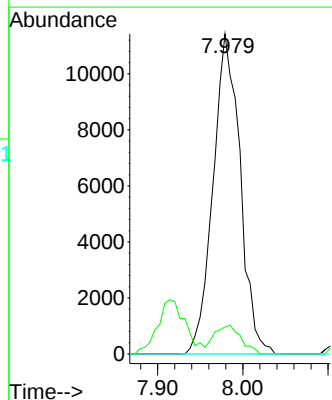
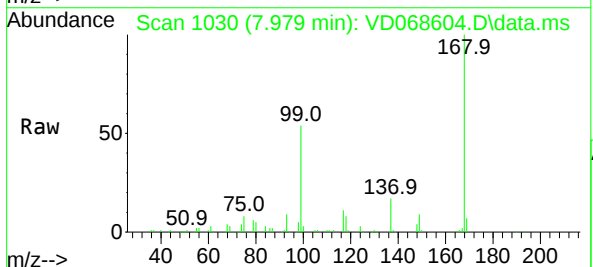
Tgt Ion: 75 Resp: 25164

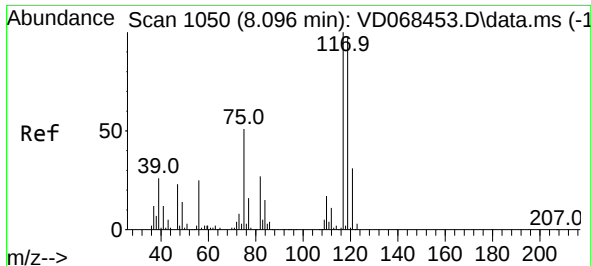
Ion Ratio Lower Upper

75 100

110 8.9 19.4 58.2#

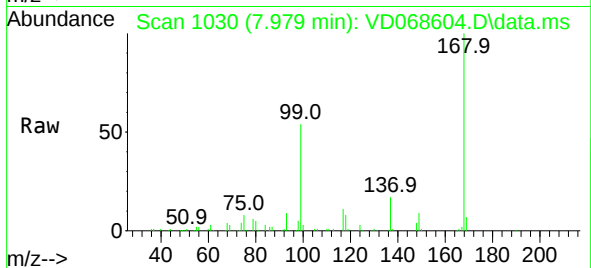
77 0.0 25.3 37.9#



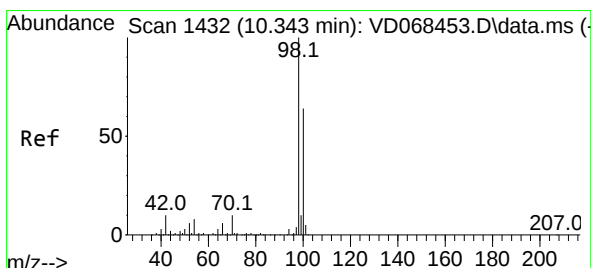
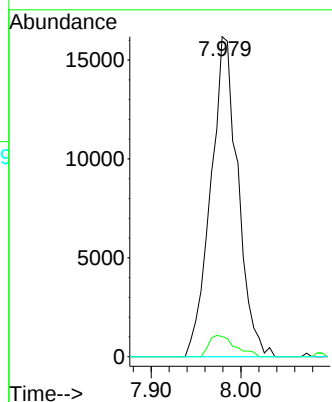
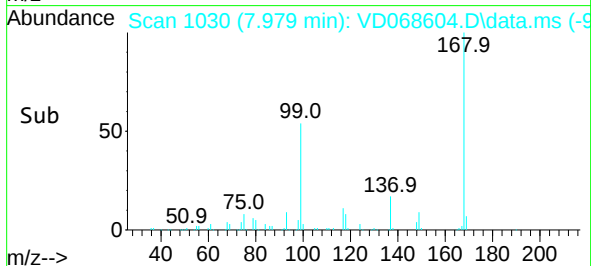


#38
Carbon Tetrachloride
Concen: 6.36 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.117 min
Lab File: VD068604.D
Acq: 12 Mar 2021 14:08

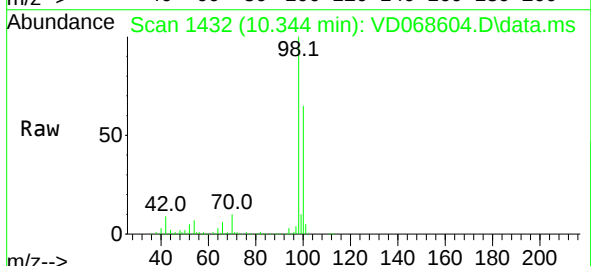
Instrument :
MSVOA_D
ClientSampleId :
SP-1-2



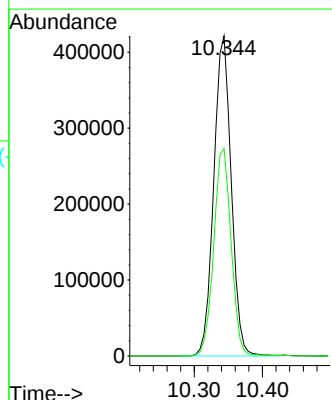
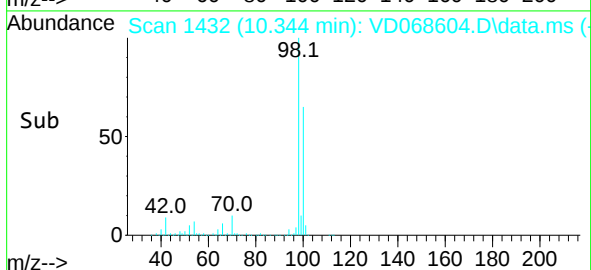
Tgt Ion:117 Resp: 34063
Ion Ratio Lower Upper
117 100
119 6.3 77.3 115.9#
121 0.0 24.7 37.1#

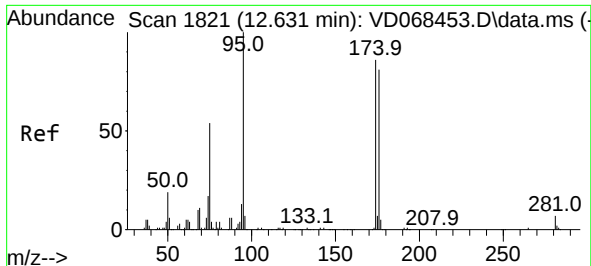


#50
Toluene-d8
Concen: 52.31 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068604.D
Acq: 12 Mar 2021 14:08



Tgt Ion: 98 Resp: 752580
Ion Ratio Lower Upper
98 100
100 64.6 53.0 79.4

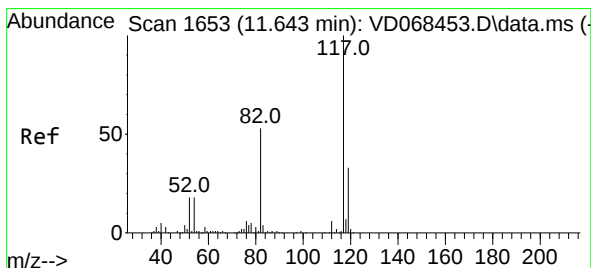
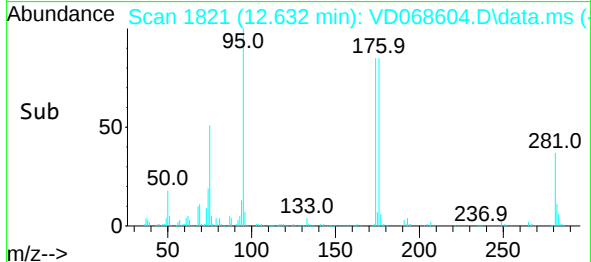
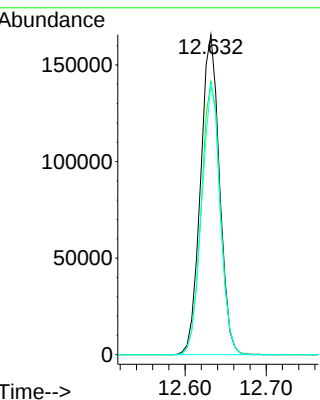
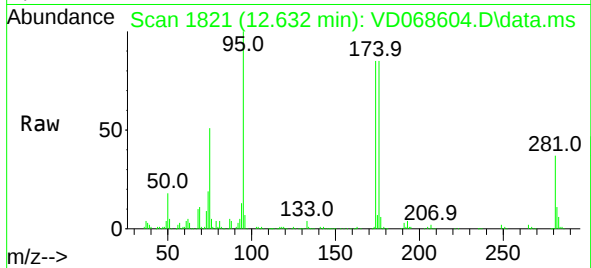




#62
4-Bromofluorobenzene
Concen: 57.81 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068604.D
Acq: 12 Mar 2021 14:08

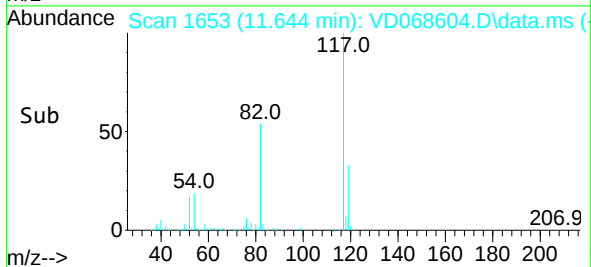
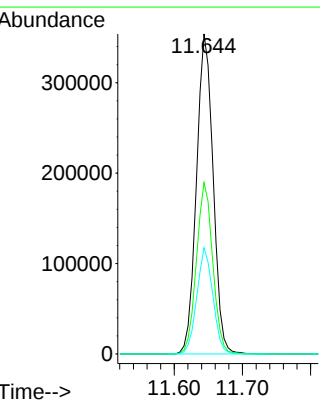
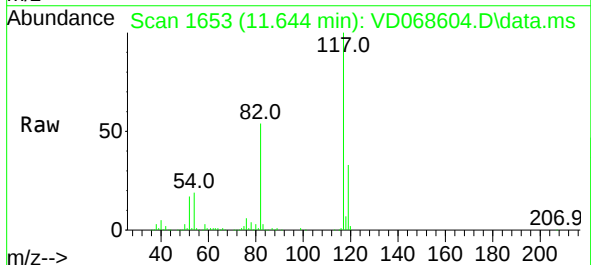
Instrument :
MSVOA_D
ClientSampled :
SP-1-2

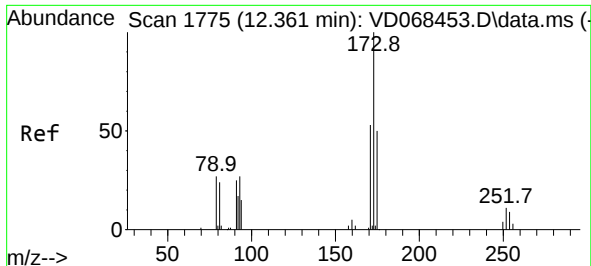
Tgt Ion: 95 Resp: 268047
Ion Ratio Lower Upper
95 100
174 85.5 0.0 172.4
176 83.3 0.0 168.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068604.D
Acq: 12 Mar 2021 14:08

Tgt Ion: 117 Resp: 601047
Ion Ratio Lower Upper
117 100
82 53.5 41.4 62.0
119 33.2 26.1 39.1

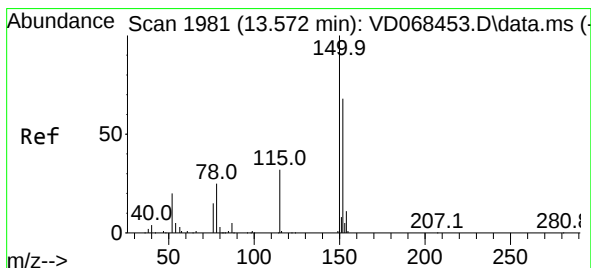
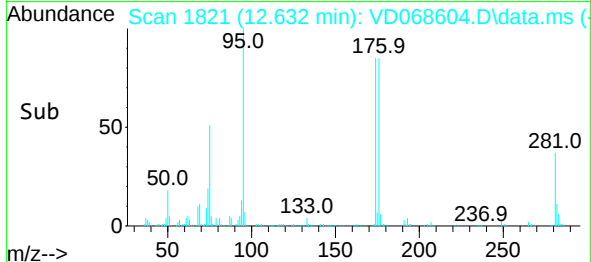
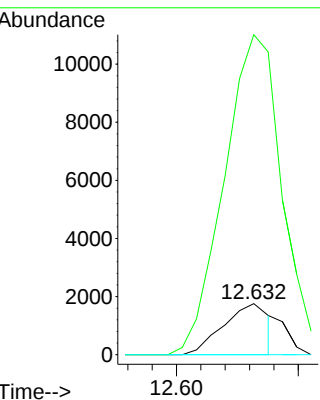
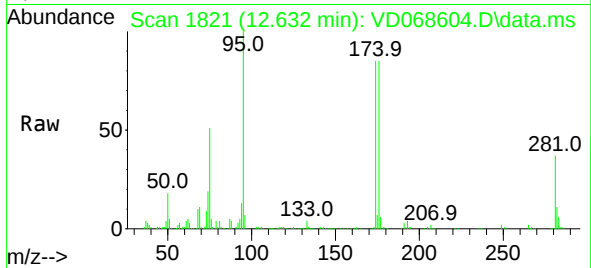




#71
Bromoform
Concen: 1.06 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.271 min
Lab File: VD068604.D
Acq: 12 Mar 2021 14:08

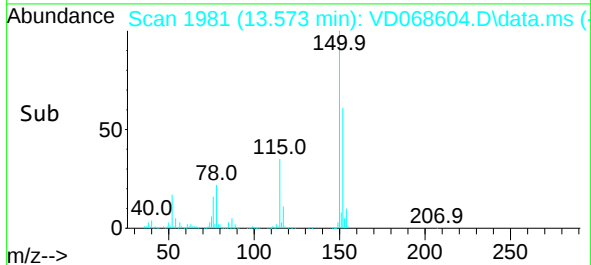
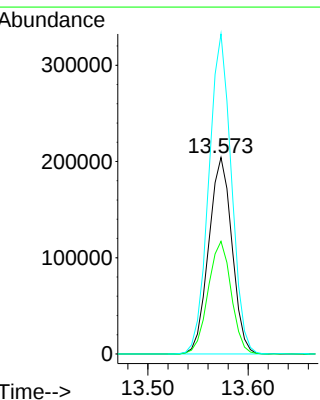
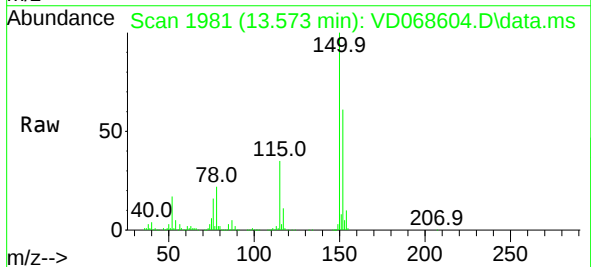
Instrument :
MSVOA_D
ClientSampled :
SP-1-2

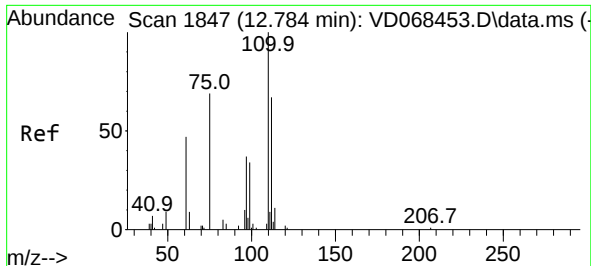
Tgt Ion:173 Resp: 2290
Ion Ratio Lower Upper
173 100
175 649.8 24.6 73.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.001 min
Lab File: VD068604.D
Acq: 12 Mar 2021 14:08

Tgt Ion:152 Resp: 328750
Ion Ratio Lower Upper
152 100
115 56.9 28.9 86.8
150 158.5 0.0 344.4

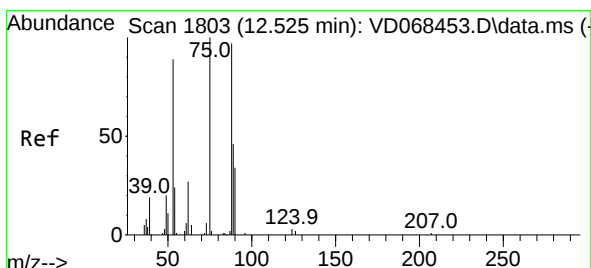
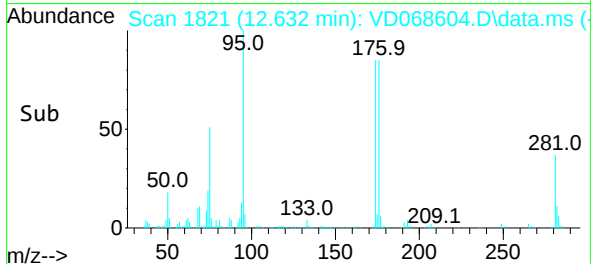
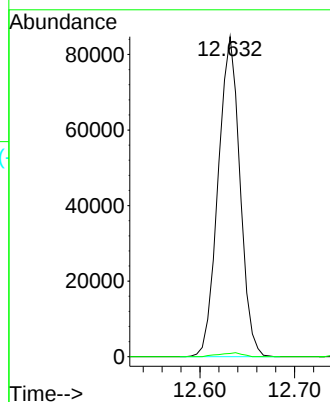
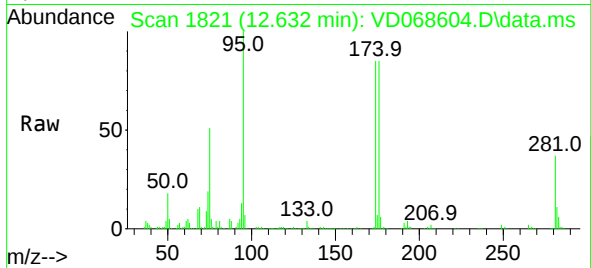




#76
1,2,3-Trichloropropane
Concen: 46.53 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.152 min
Lab File: VD068604.D
Acq: 12 Mar 2021 14:08

Instrument :
MSVOA_D
ClientSampleId :
SP-1-2

Tgt Ion: 75 Resp: 135806
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 108.59 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068604.D
Acq: 12 Mar 2021 14:08

Tgt Ion: 75 Resp: 135806
Ion Ratio Lower Upper
75 100
53 0.0 70.2 105.2#
89 0.1 40.3 60.5#

