

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012921\
 Data File : VD068247.D
 Acq On : 29 Jan 2021 18:37
 Operator : VA/SY
 Sample : M1286-20
 Misc : 4.84G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 JJ BH 03_2-4

Quant Time: Jan 30 00:04:47 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	7.985	168	448541	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	788393	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	692260	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	289403	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	230091	53.62	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.24%
35) Dibromofluoromethane	7.920	113	230863	52.97	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.94%
50) Toluene-d8	10.344	98	979326	56.17	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	112.34%
62) 4-Bromofluorobenzene	12.632	95	301805	48.07	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	96.14%

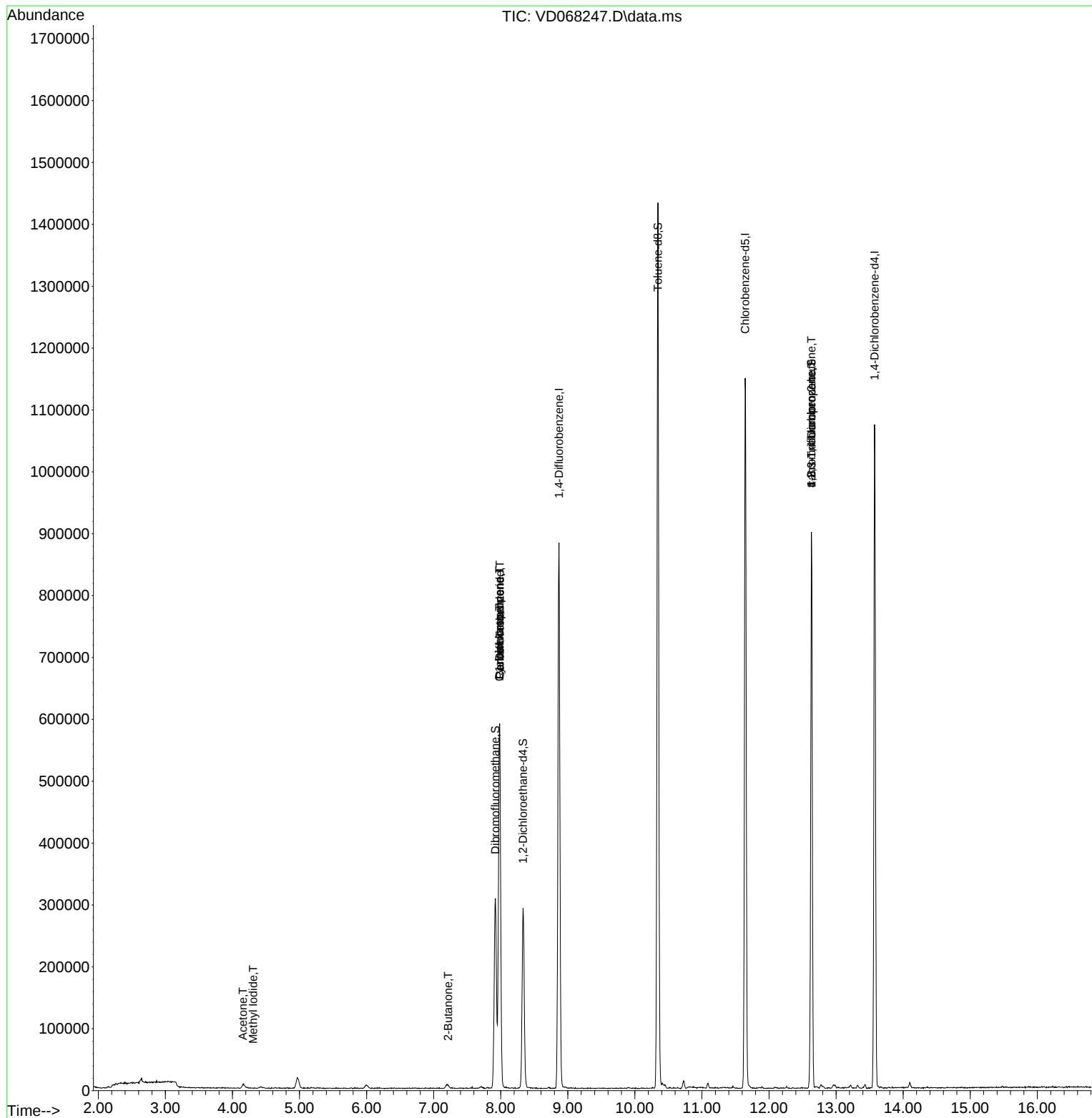
Target Compounds						Qvalue
10) Methyl Iodide	4.309	142	56	3.17	ug/l #	38
11) Tert butyl alcohol	5.173	59	386	Below	Cal #	74
16) Acetone	4.156	43	11697	15.27	ug/l	90
20) Methylene Chloride	4.973	84	13465	Below	Cal	98
25) 2-Butanone	7.214	43	3271	2.84	ug/l #	83
31) Cyclohexane	7.979	56	9544	1.03	ug/l #	1
36) 1,1-Dichloropropene	7.979	75	36409	4.58	ug/l #	47
38) Carbon Tetrachloride	7.985	117	47198	6.34	ug/l #	15
76) 1,2,3-Trichloropropane	12.632	75	155103	55.43	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	155103	112.16	ug/l #	13

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

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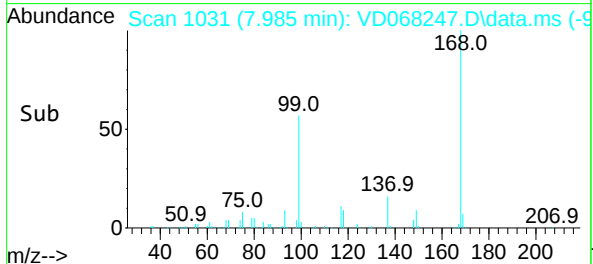
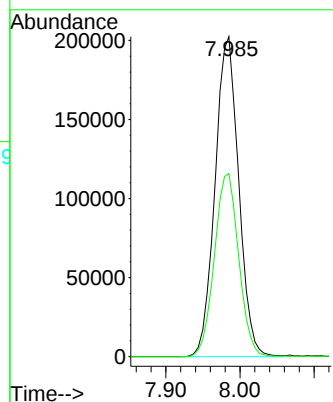
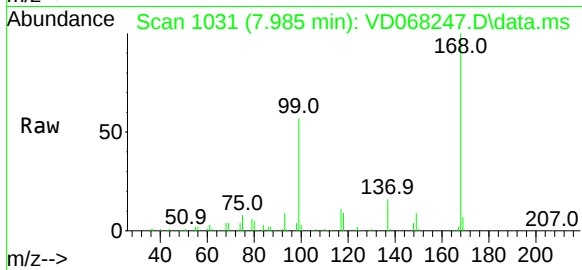




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068247.D
Acq: 29 Jan 2021 18:37

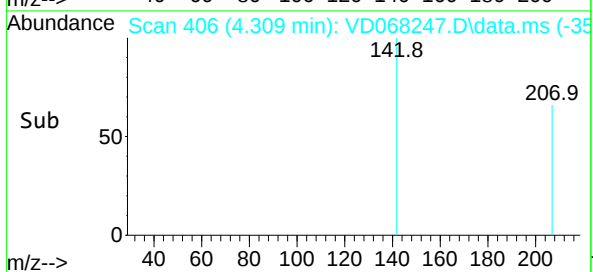
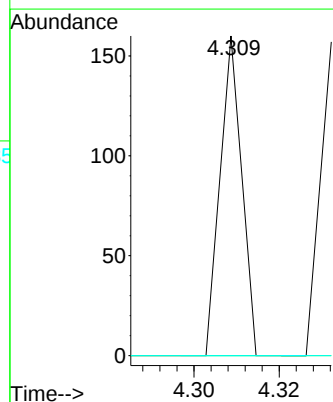
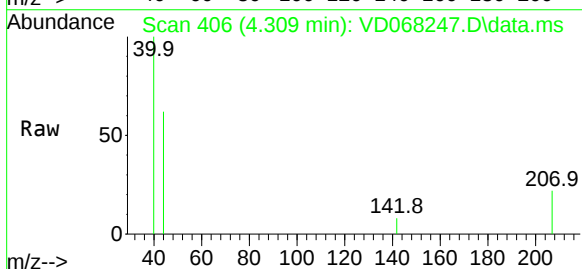
Instrument :
MSVOA_D
ClientSampleId :
JJ_BH_03_2-4

Tgt Ion:168 Resp: 448541
Ion Ratio Lower Upper
168 100
99 57.2 43.5 65.3



#10
Methyl Iodide
Concen: 3.17 ug/l
RT: 4.309 min Scan# 406
Delta R.T. 0.001 min
Lab File: VD068247.D
Acq: 29 Jan 2021 18:37

Tgt Ion:142 Resp: 56
Ion Ratio Lower Upper
142 100
127 0.0 37.9 56.9#
141 0.0 11.5 17.3#

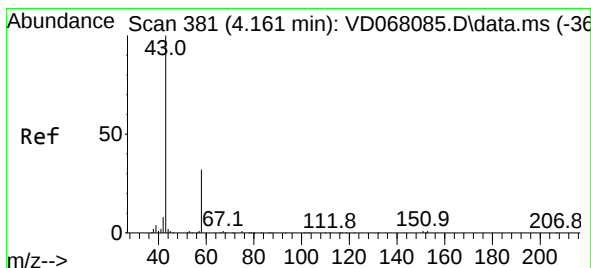
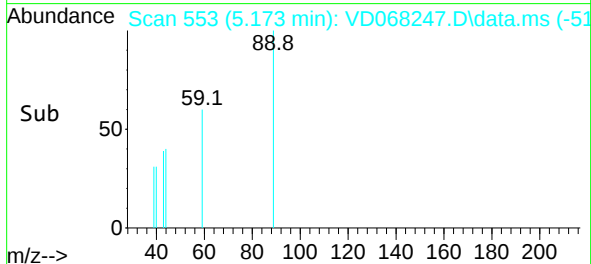
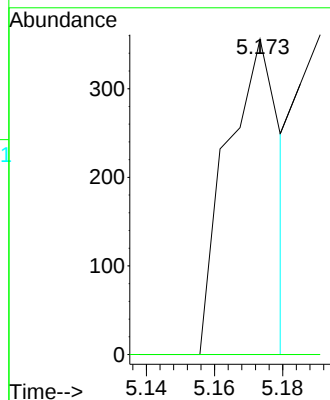
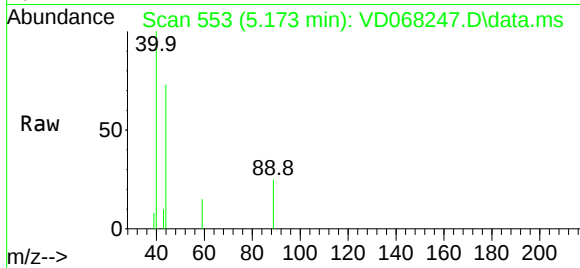




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.173 min Scan# 553
Delta R.T. -0.047 min
Lab File: VD068247.D
Acq: 29 Jan 2021 18:37

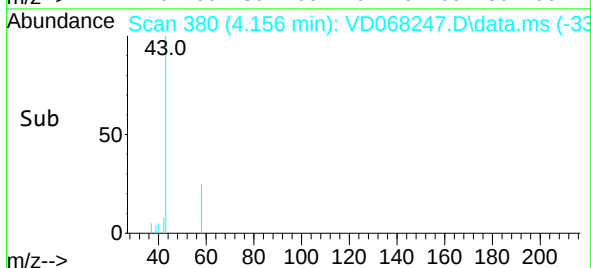
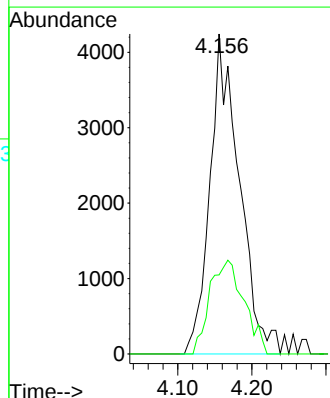
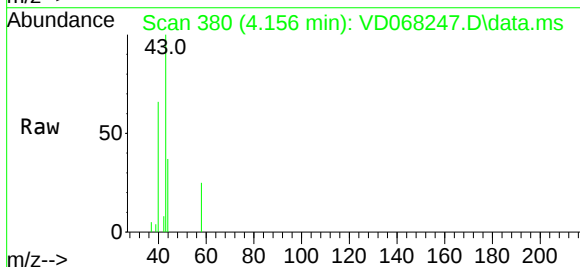
Instrument :
MSVOA_D
ClientSampleId :
JJ_BH_03_2-4

Tgt Ion: 59 Resp: 386
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#



#16
Acetone
Concen: 15.27 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.006 min
Lab File: VD068247.D
Acq: 29 Jan 2021 18:37

Tgt Ion: 43 Resp: 11697
Ion Ratio Lower Upper
43 100
58 24.7 24.2 36.4

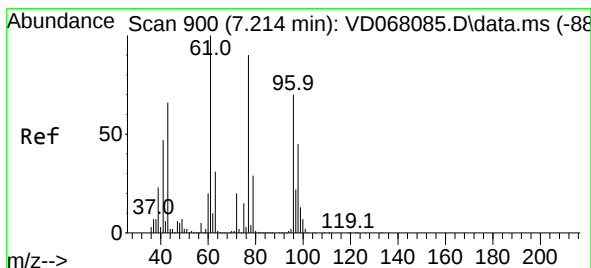
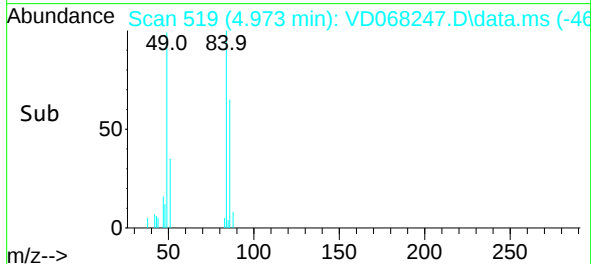
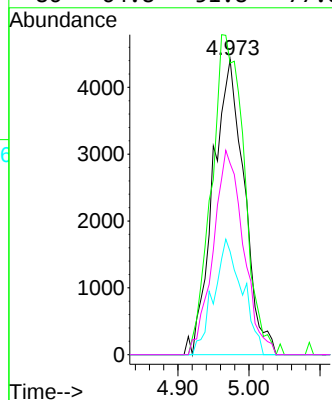
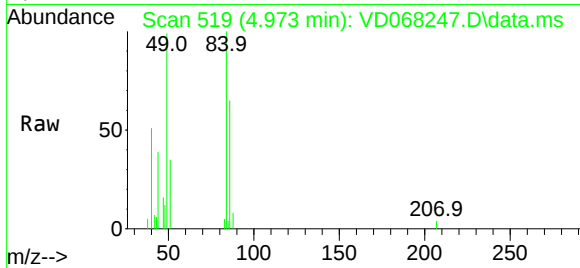




#20
Methylene Chloride
Concen: Below Cal
RT: 4.973 min Scan# 519
Delta R.T. 0.000 min
Lab File: VD068247.D
Acq: 29 Jan 2021 18:37

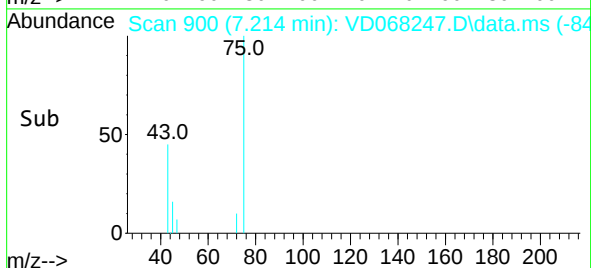
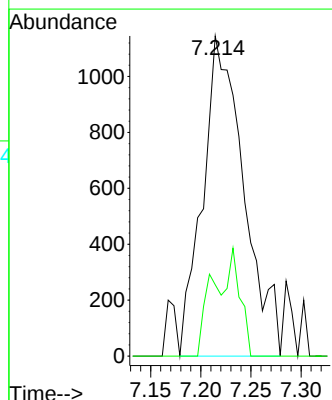
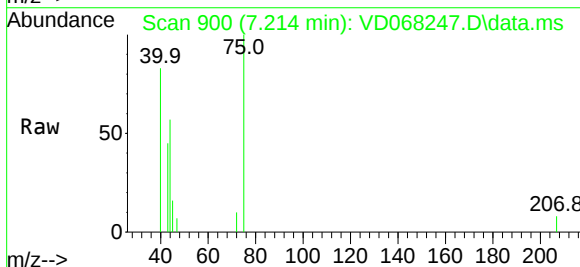
Instrument :
MSVOA_D
ClientSampleId :
JJ_BH_03_2-4

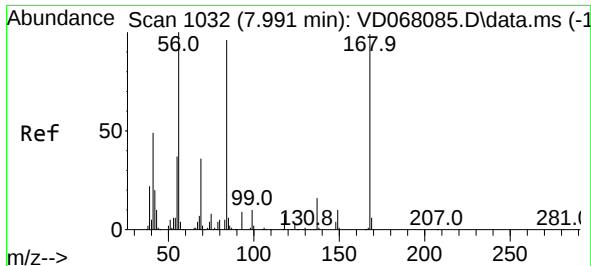
Tgt Ion:	84	Resp:	13465
Ion	Ratio	Lower	Upper
84	100		
49	98.8	77.4	116.2
51	34.9	26.1	39.1
86	64.8	51.8	77.8



#25
2-Butanone
Concen: 2.84 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.000 min
Lab File: VD068247.D
Acq: 29 Jan 2021 18:37

Tgt Ion:	43	Resp:	3271
Ion	Ratio	Lower	Upper
43	100		
72	22.3	25.1	37.7#

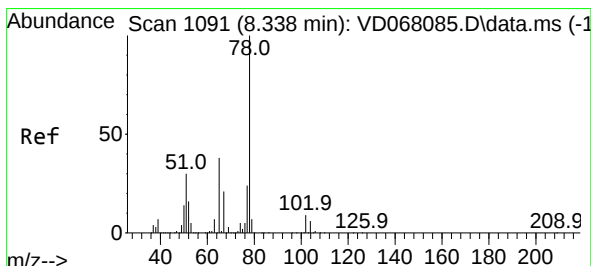
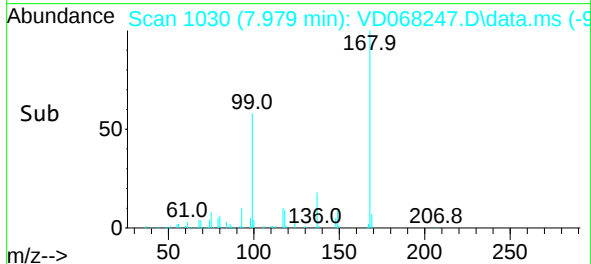
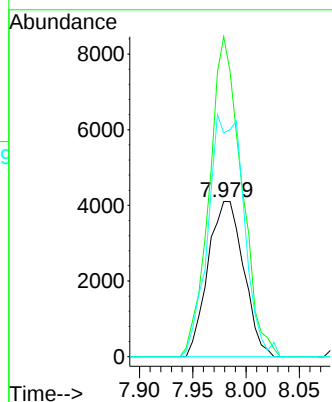
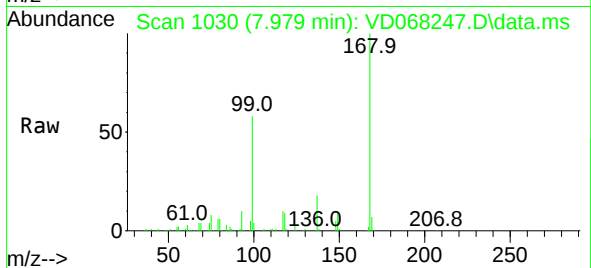




#31
Cyclohexane
Concen: 1.03 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.011 min
Lab File: VD068247.D
Acq: 29 Jan 2021 18:37

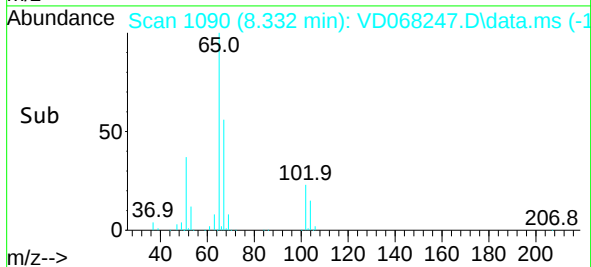
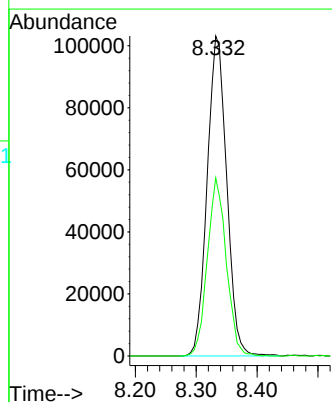
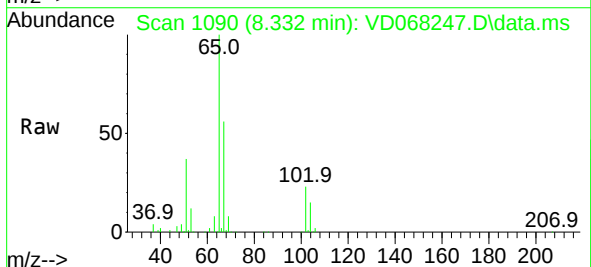
Instrument :
MSVOA_D
ClientSampleId :
JJ_BH_03_2-4

Tgt Ion: 56 Resp: 9544
Ion Ratio Lower Upper
56 100
69 206.2 30.1 45.1#
84 144.2 82.1 123.1#



#33
1,2-Dichloroethane-d4
Concen: 53.62 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VD068247.D
Acq: 29 Jan 2021 18:37

Tgt Ion: 65 Resp: 230091
Ion Ratio Lower Upper
65 100
67 53.9 0.0 105.0

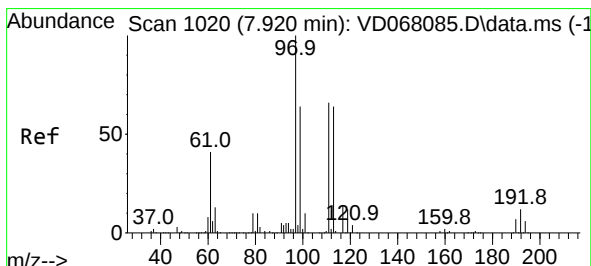
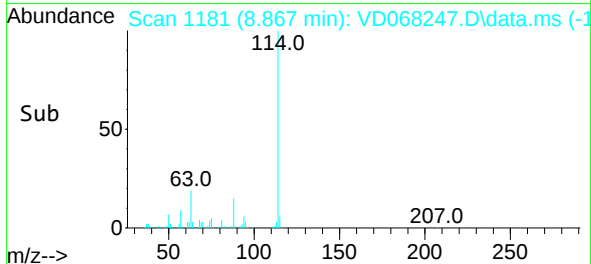
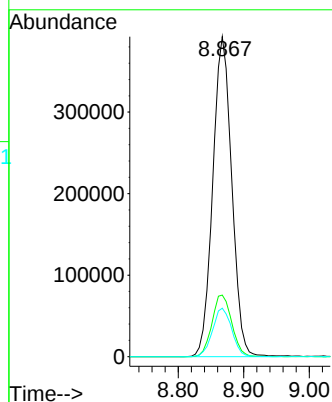
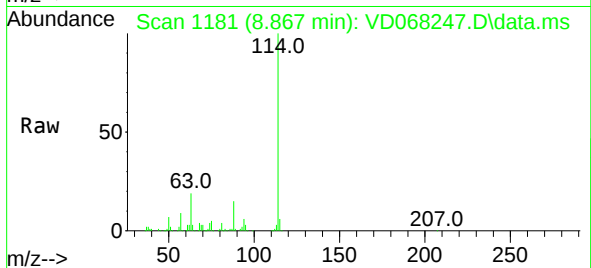




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068247.D
Acq: 29 Jan 2021 18:37

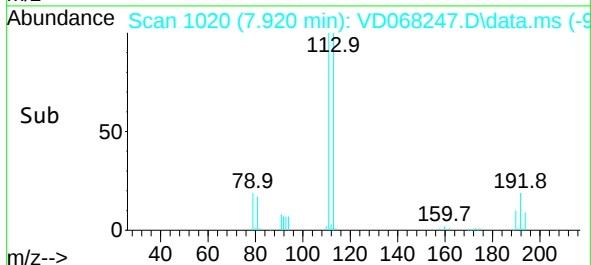
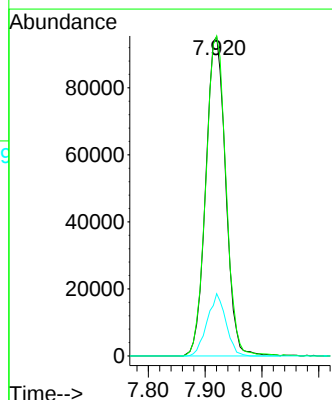
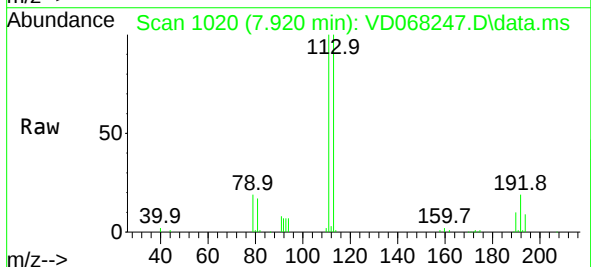
Instrument :
MSVOA_D
ClientSampleId :
JJ_BH_03_2-4

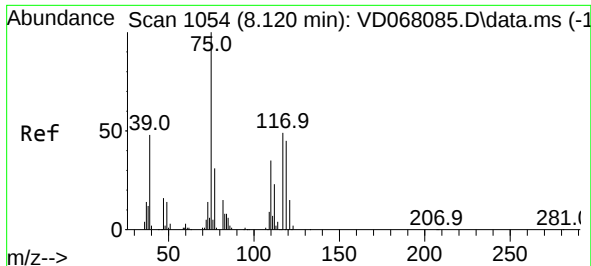
Tgt Ion:114 Resp: 788393
Ion Ratio Lower Upper
114 100
63 19.3 0.0 34.8
88 15.2 0.0 31.6



#35
Dibromofluoromethane
Concen: 52.97 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068247.D
Acq: 29 Jan 2021 18:37

Tgt Ion:113 Resp: 230863
Ion Ratio Lower Upper
113 100
111 101.5 81.4 122.0
192 18.3 16.1 24.1

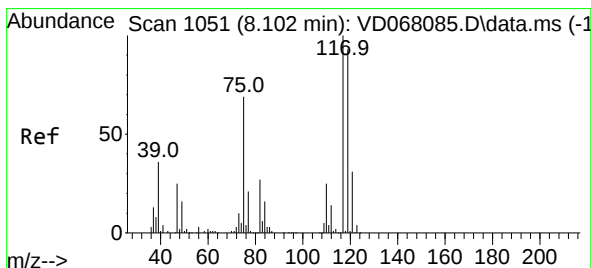
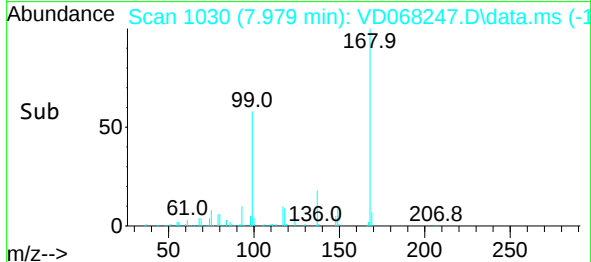
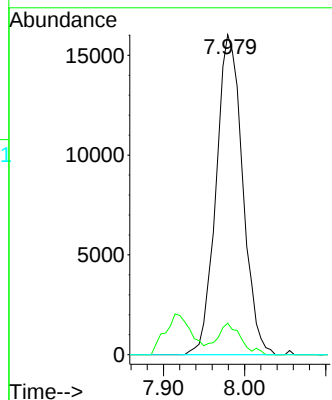
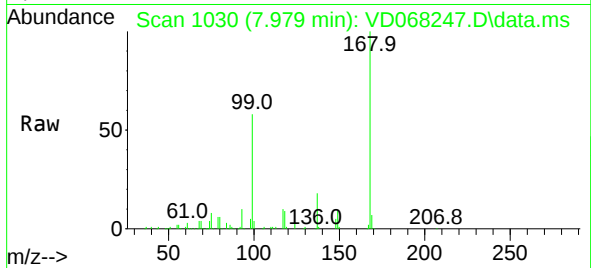




#36
1,1-Dichloropropene
Concen: 4.58 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.141 min
Lab File: VD068247.D
Acq: 29 Jan 2021 18:37

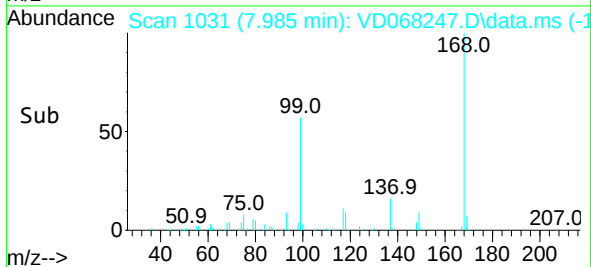
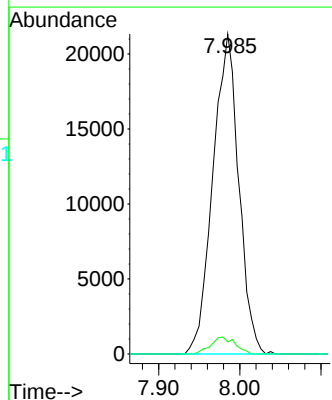
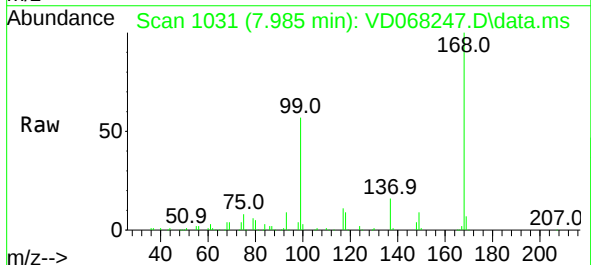
Instrument :
MSVOA_D
ClientSampleId :
JJ_BH_03_2-4

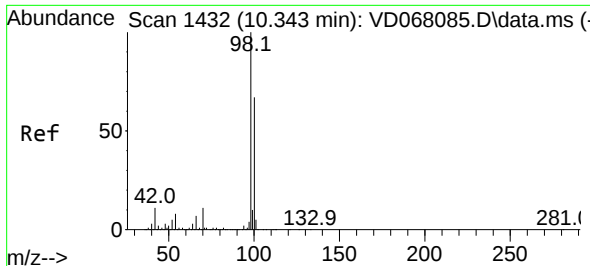
Tgt Ion: 75 Resp: 36409
Ion Ratio Lower Upper
75 100
110 8.4 19.4 58.2#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.34 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.117 min
Lab File: VD068247.D
Acq: 29 Jan 2021 18:37

Tgt Ion: 117 Resp: 47198
Ion Ratio Lower Upper
117 100
119 3.7 77.3 115.9#
121 0.0 24.7 37.1#

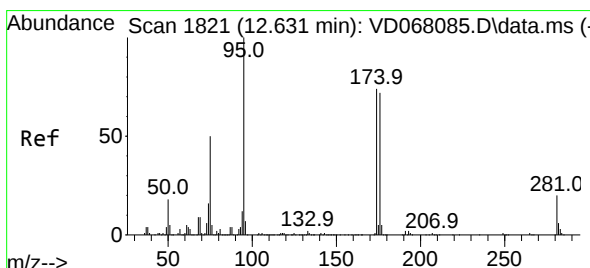
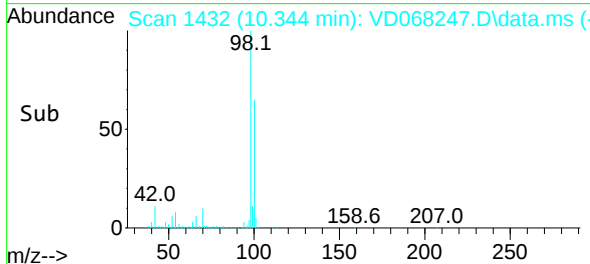
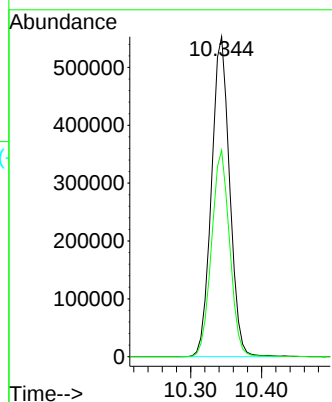
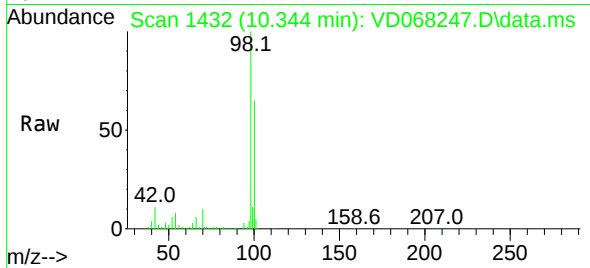




#50
Toluene-d8
Concen: 56.17 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068247.D
Acq: 29 Jan 2021 18:37

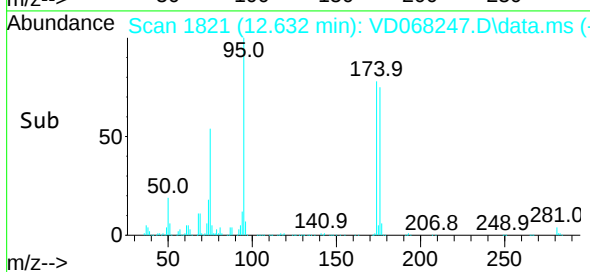
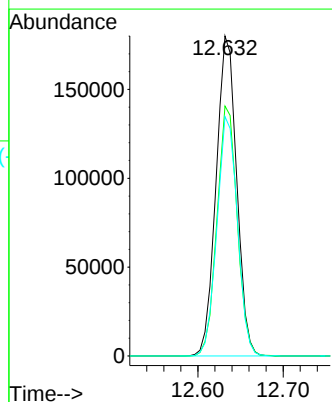
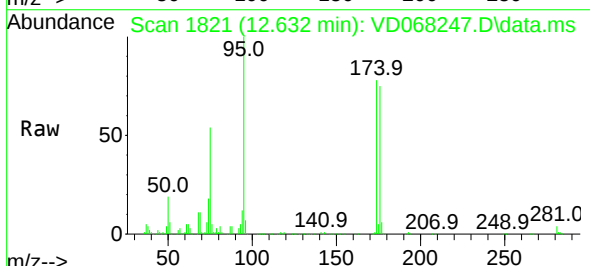
Instrument :
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JJ_BH_03_2-4

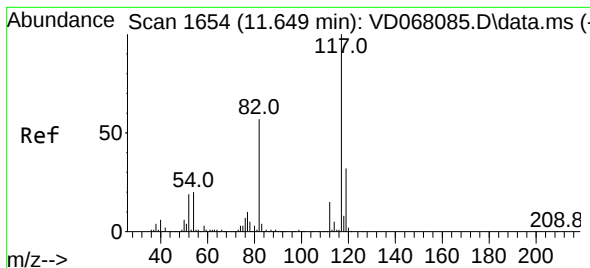
Tgt Ion: 98 Resp: 979326
Ion Ratio Lower Upper
98 100
100 64.5 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 48.07 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068247.D
Acq: 29 Jan 2021 18:37

Tgt Ion: 95 Resp: 301805
Ion Ratio Lower Upper
95 100
174 76.7 0.0 172.4
176 74.4 0.0 168.4

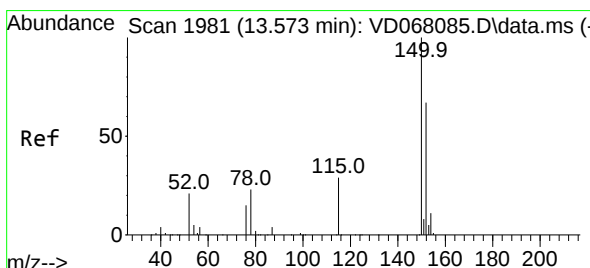
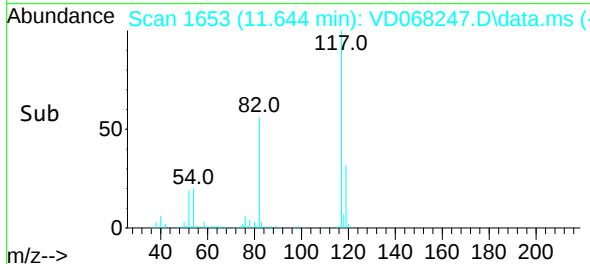
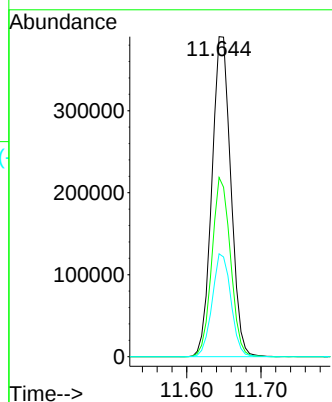
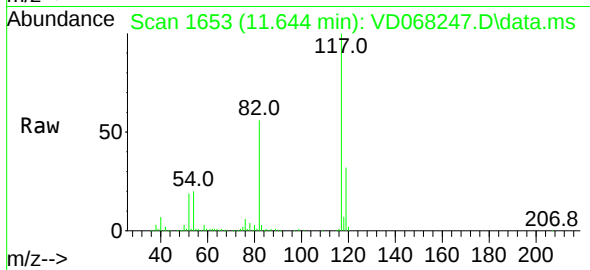




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. -0.005 min
Lab File: VD068247.D
Acq: 29 Jan 2021 18:37

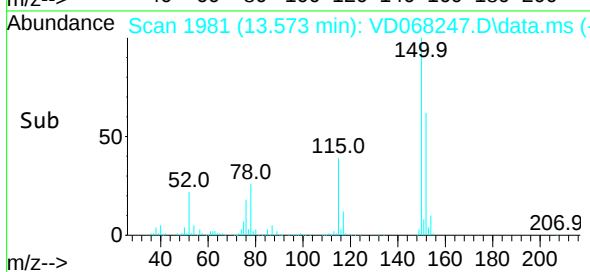
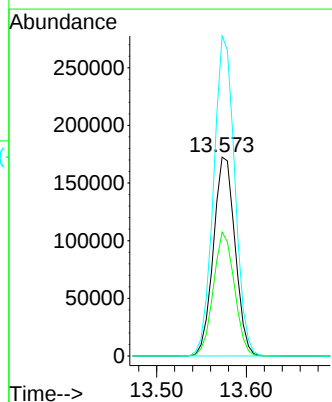
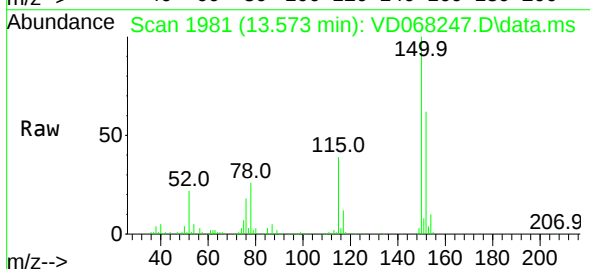
Instrument :
MSVOA_D
ClientSampleId :
JJ_BH_03_2-4

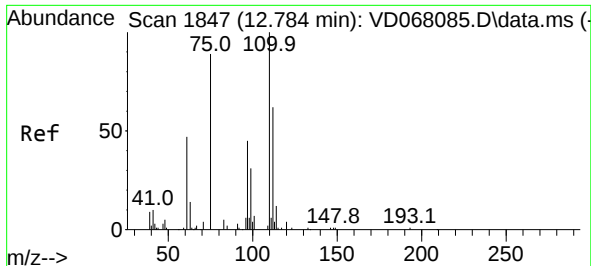
Tgt Ion:117 Resp: 692260
Ion Ratio Lower Upper
117 100
82 56.0 41.4 62.0
119 32.2 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD068247.D
Acq: 29 Jan 2021 18:37

Tgt Ion:152 Resp: 289403
Ion Ratio Lower Upper
152 100
115 60.4 28.9 86.8
150 157.3 0.0 344.4

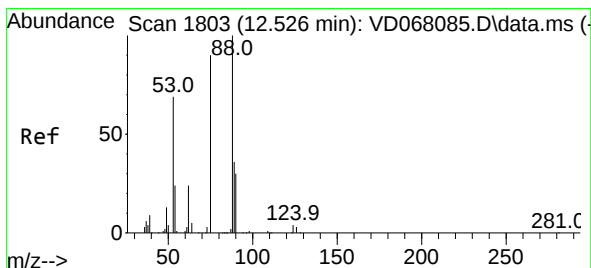
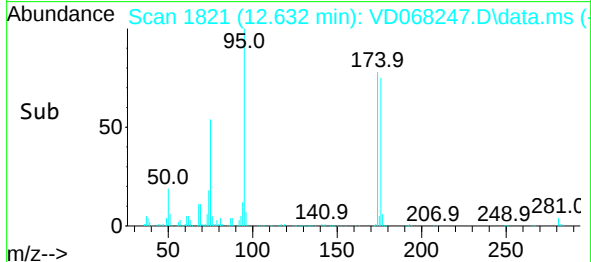
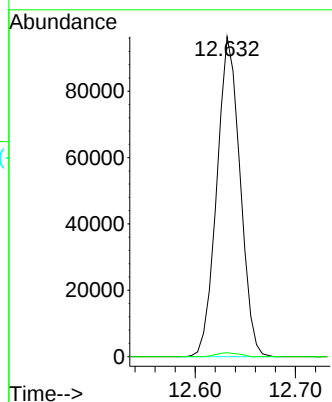
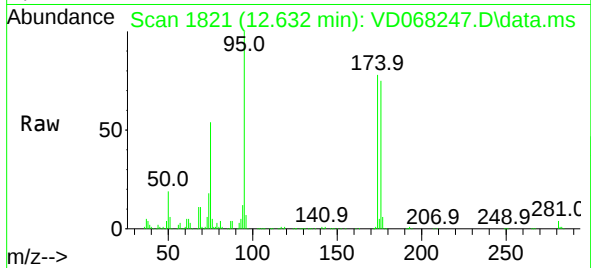




#76
1,2,3-Trichloropropane
Concen: 55.43 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD068247.D
Acq: 29 Jan 2021 18:37

Instrument :
MSVOA_D
ClientSampleId :
JJ_BH_03_2-4

Tgt Ion: 75 Resp: 155103
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 112.16 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068247.D
Acq: 29 Jan 2021 18:37

Tgt Ion: 75 Resp: 155103
Ion Ratio Lower Upper
75 100
53 0.0 70.2 105.2#
89 0.0 40.3 60.5#

