

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031721\
 Data File : VD068642.D
 Acq On : 17 Mar 2021 17:17
 Operator : VA/SY
 Sample : M1707-01
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Mar 18 00:57:17 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	287806	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	529982	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	519916	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	283219	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	142062	49.40	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.80%
35) Dibromofluoromethane	7.914	113	161978	50.74	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.48%
50) Toluene-d8	10.338	98	663128	52.15	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.30%
62) 4-Bromofluorobenzene	12.632	95	235275	57.41	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	114.82%

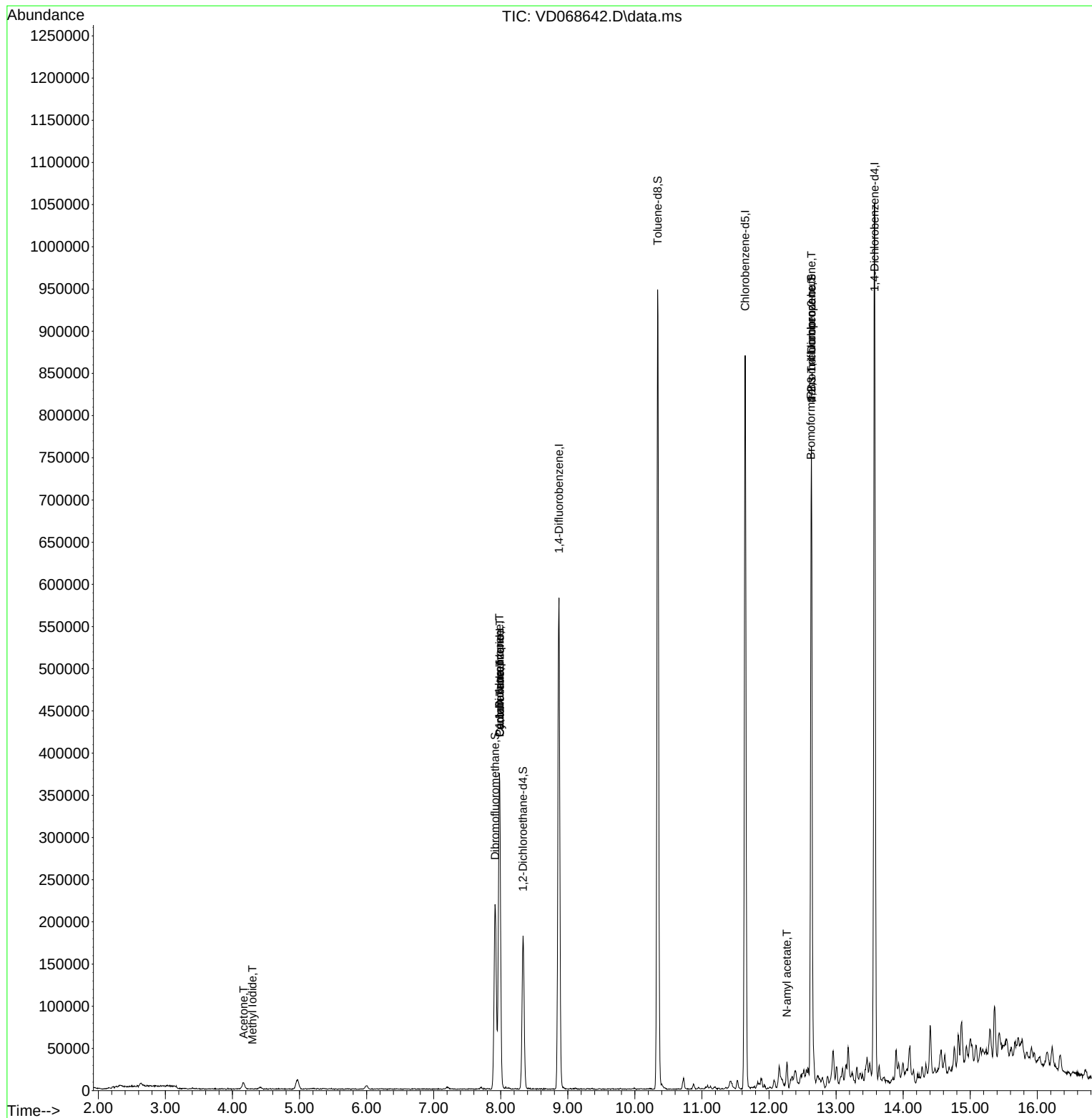
Target Compounds						Qvalue
10) Methyl Iodide	4.297	142	74	2.64	ug/l #	38
16) Acetone	4.168	43	13112	28.71	ug/l #	88
20) Methylene Chloride	4.968	84	9343	Below Cal	#	90
31) Cyclohexane	7.985	56	6234	1.19	ug/l #	40
36) 1,1-Dichloropropene	7.979	75	23218	4.61	ug/l #	47
38) Carbon Tetrachloride	7.985	117	27344	5.78	ug/l #	14
71) Bromoform	12.626	173	2135	1.14	ug/l #	1
74) N-amyl acetate	12.267	43	6209	1.74	ug/l #	74
76) 1,2,3-Trichloropropane	12.632	75	120986	48.12	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	120986	112.29	ug/l #	13

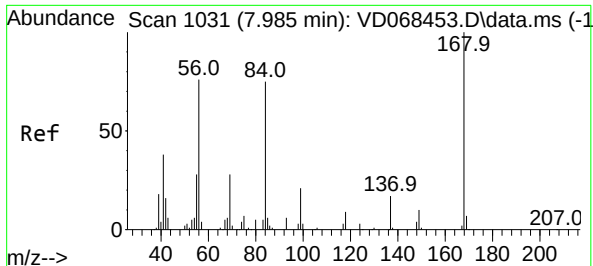
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_D
ClientSampled :

Quant Time: Mar 18 00:57:17 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
Quant Title : SW846 8260
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Response via : Initial Calibration

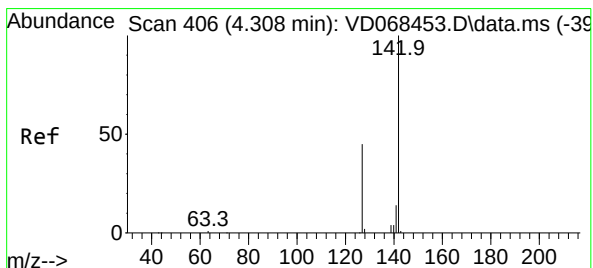
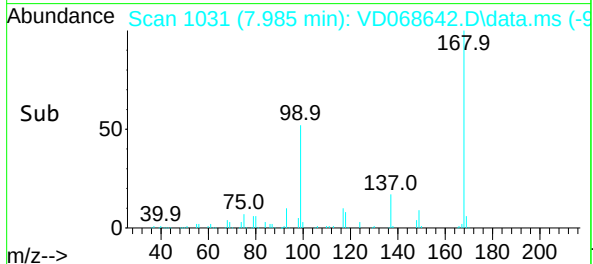
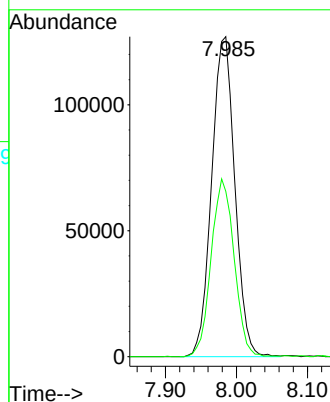
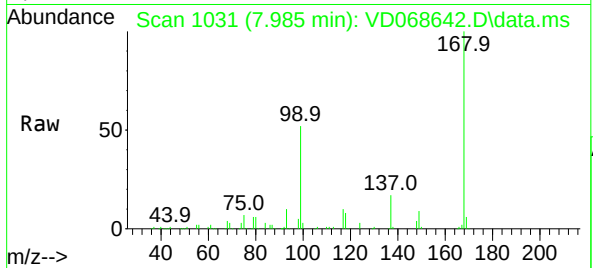




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VD068642.D
Acq: 17 Mar 2021 17:17

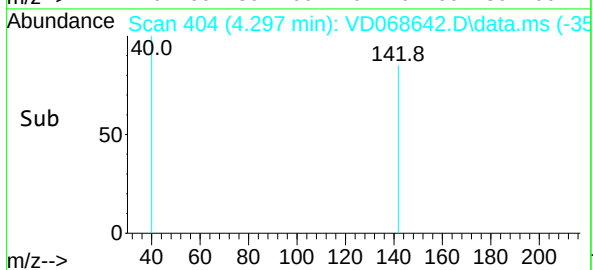
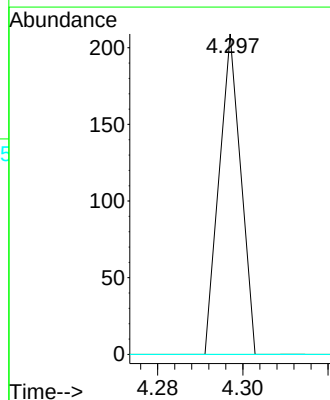
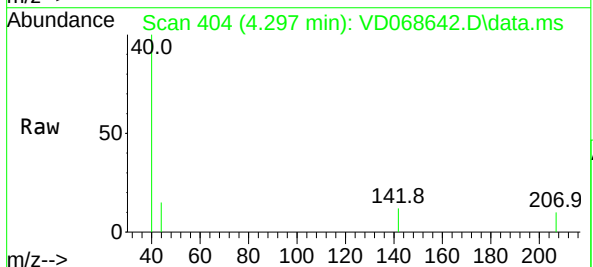
Instrument :
MSVOA_D
ClientSampled :

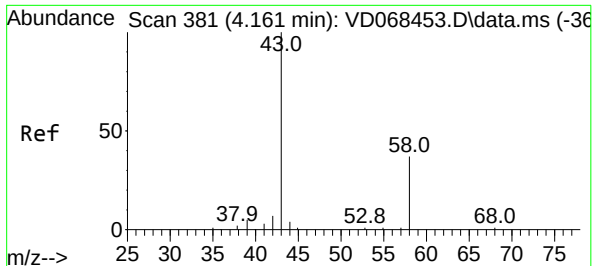
Tgt Ion:168 Resp: 287806
Ion Ratio Lower Upper
168 100
99 51.7 43.5 65.3



#10
Methyl Iodide
Concen: 2.64 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.011 min
Lab File: VD068642.D
Acq: 17 Mar 2021 17:17

Tgt Ion:142 Resp: 74
Ion Ratio Lower Upper
142 100
127 0.0 37.9 56.9#
141 0.0 11.5 17.3#

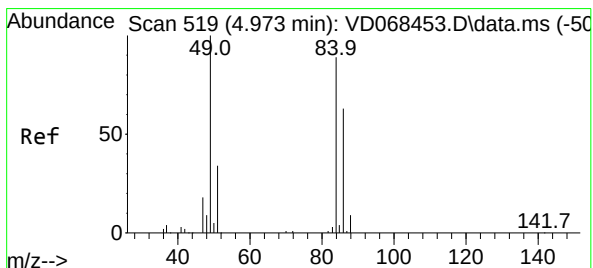
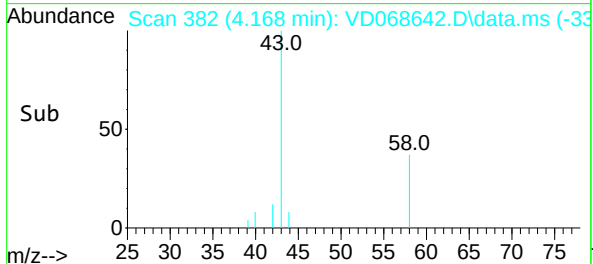
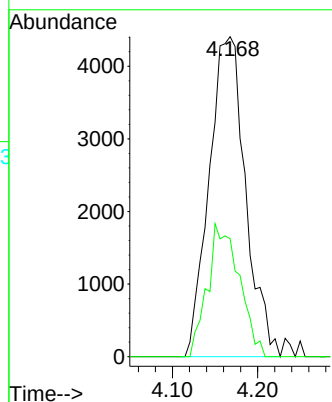
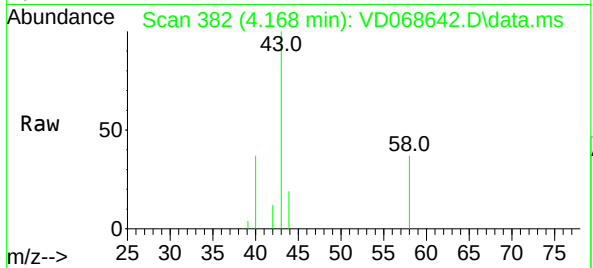




#16
Acetone
Concen: 28.71 ug/l
RT: 4.168 min Scan# 382
Delta R.T. 0.006 min
Lab File: VD068642.D
Acq: 17 Mar 2021 17:17

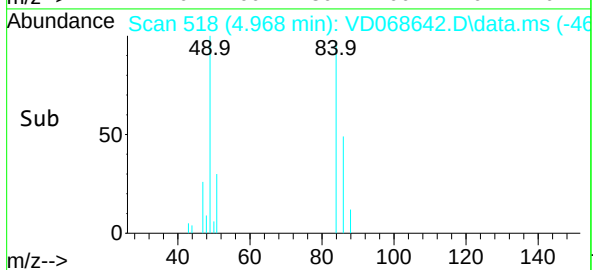
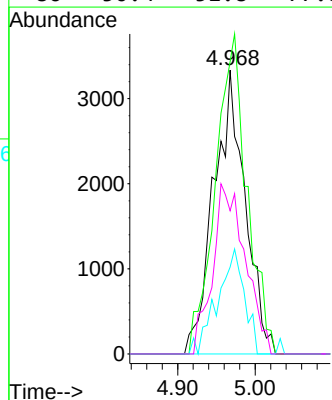
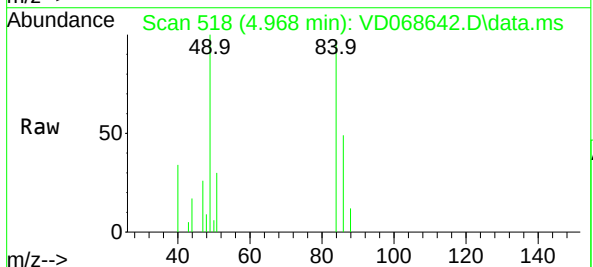
Instrument :
MSVOA_D
ClientSampled :

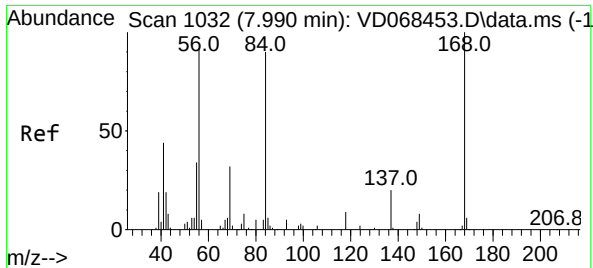
Tgt Ion: 43 Resp: 13112
Ion Ratio Lower Upper
43 100
58 36.9 24.2 36.4#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.968 min Scan# 518
Delta R.T. -0.005 min
Lab File: VD068642.D
Acq: 17 Mar 2021 17:17

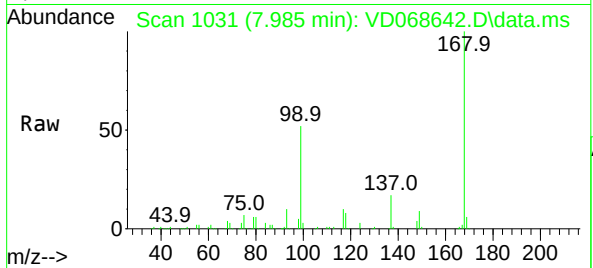
Tgt Ion: 84 Resp: 9343
Ion Ratio Lower Upper
84 100
49 102.9 77.4 116.2
51 30.6 26.1 39.1
86 50.4 51.8 77.8#



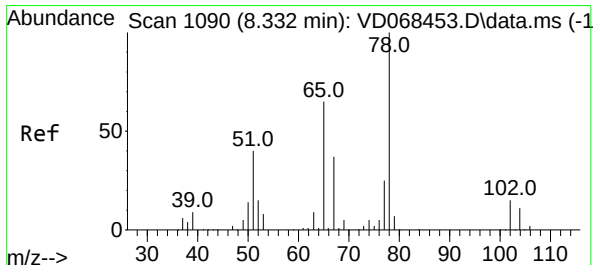
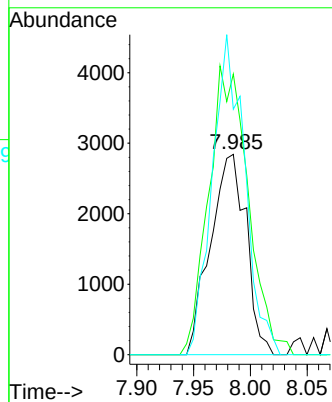
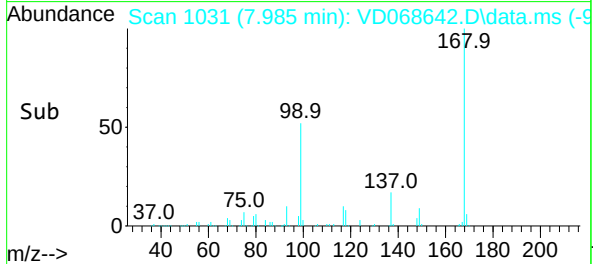


#31
Cyclohexane
Concen: 1.19 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.005 min
Lab File: VD068642.D
Acq: 17 Mar 2021 17:17

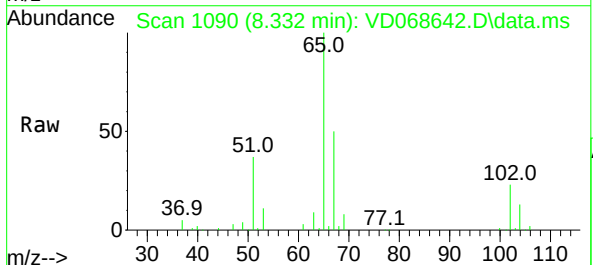
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MSVOA_D
ClientSampleId :



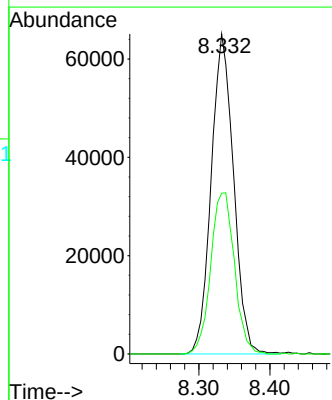
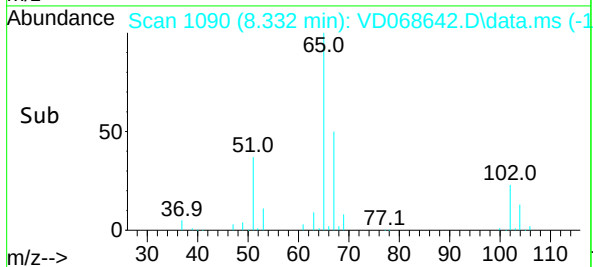
Tgt Ion: 56 Resp: 6234
Ion Ratio Lower Upper
56 100
69 140.0 30.1 45.1#
84 122.5 82.1 123.1

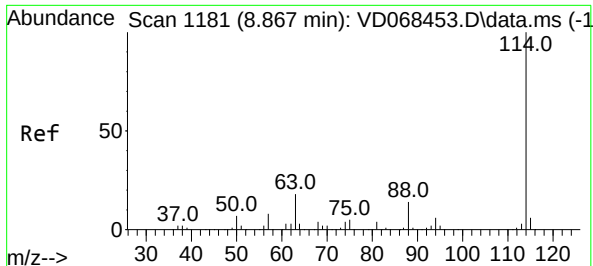


#33
1,2-Dichloroethane-d4
Concen: 49.40 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068642.D
Acq: 17 Mar 2021 17:17



Tgt Ion: 65 Resp: 142062
Ion Ratio Lower Upper
65 100
67 53.6 0.0 105.0

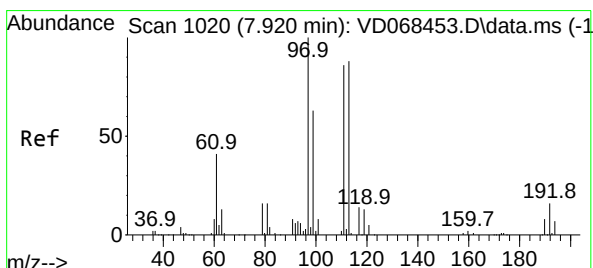
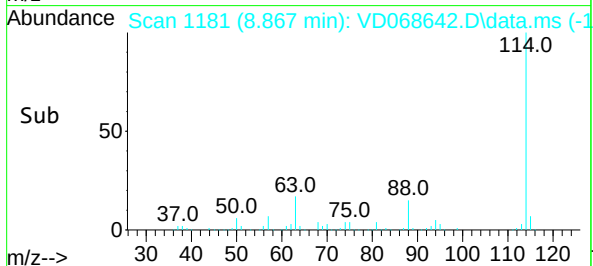
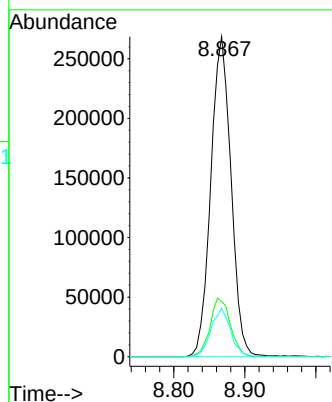
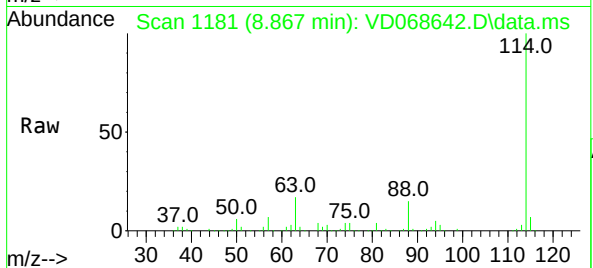




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068642.D
Acq: 17 Mar 2021 17:17

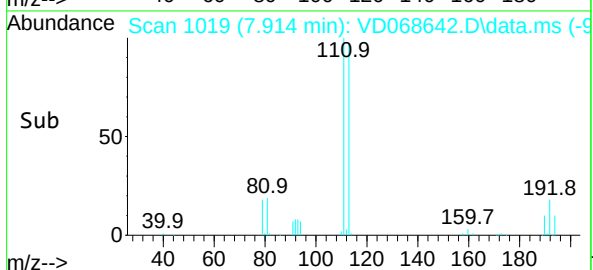
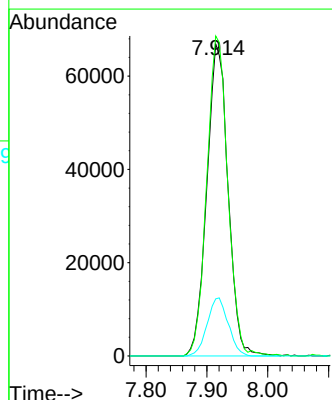
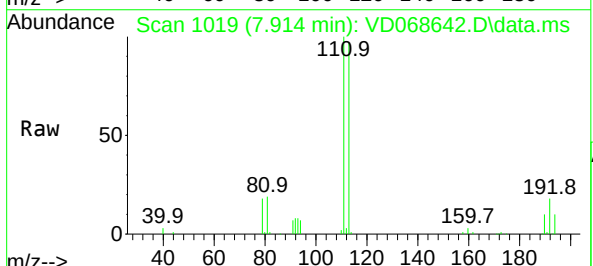
Instrument :
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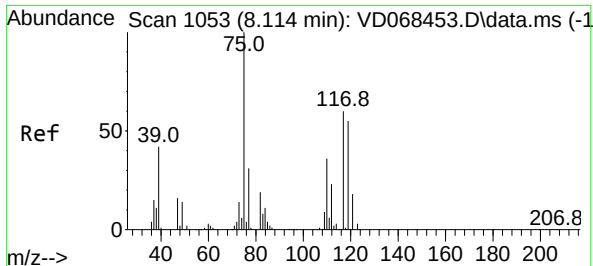
Tgt Ion:114 Resp: 529982
Ion Ratio Lower Upper
114 100
63 17.3 0.0 34.8
88 15.1 0.0 31.6



#35
Dibromofluoromethane
Concen: 50.74 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.005 min
Lab File: VD068642.D
Acq: 17 Mar 2021 17:17

Tgt Ion:113 Resp: 161978
Ion Ratio Lower Upper
113 100
111 101.8 81.4 122.0
192 18.5 16.1 24.1

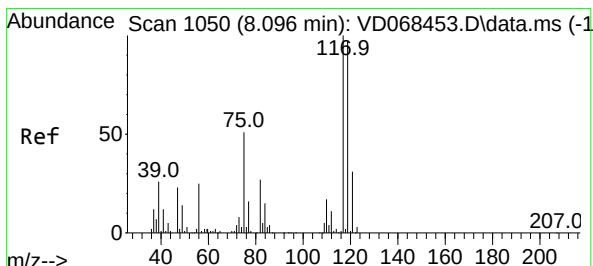
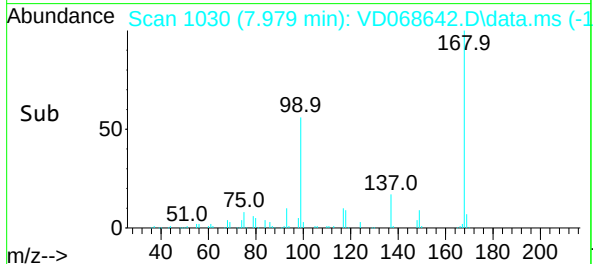
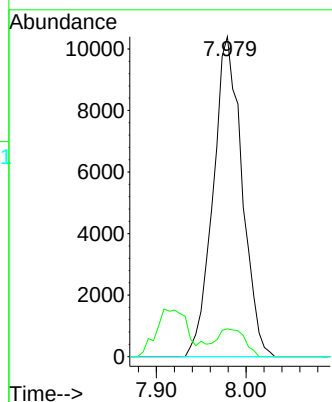
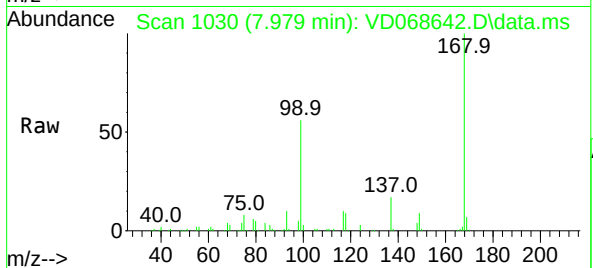




#36
1,1-Dichloropropene
Concen: 4.61 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.135 min
Lab File: VD068642.D
Acq: 17 Mar 2021 17:17

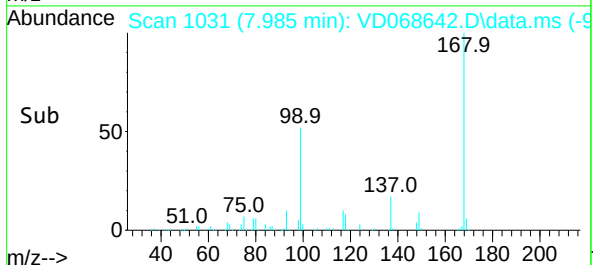
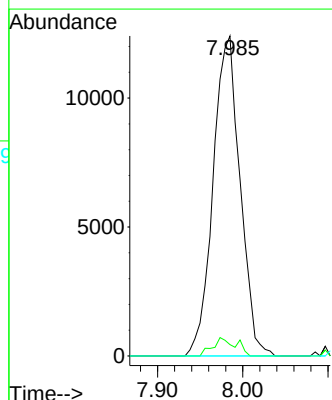
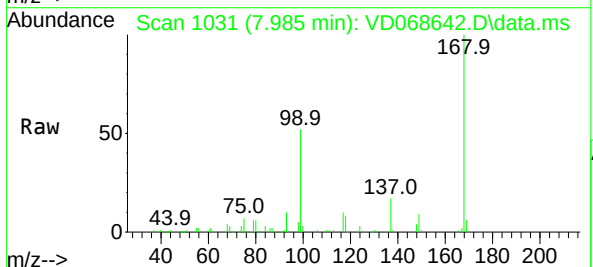
Instrument :
MSVOA_D
ClientSampled :

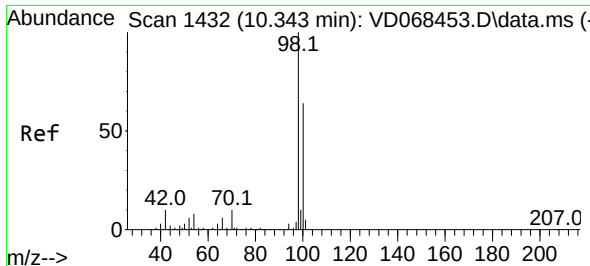
Tgt Ion: 75 Resp: 23218
Ion Ratio Lower Upper
75 100
110 8.6 19.4 58.2#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.78 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.111 min
Lab File: VD068642.D
Acq: 17 Mar 2021 17:17

Tgt Ion: 117 Resp: 27344
Ion Ratio Lower Upper
117 100
119 3.5 77.3 115.9#
121 0.0 24.7 37.1#

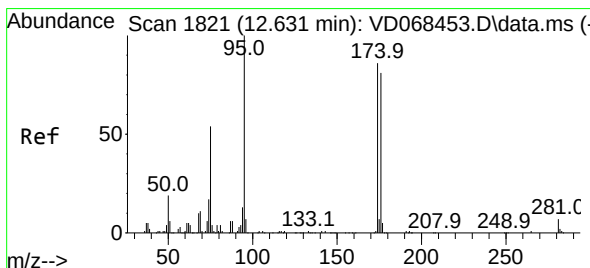
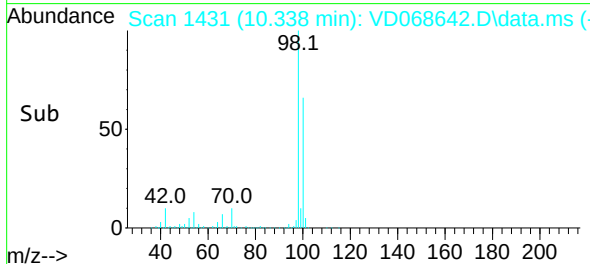
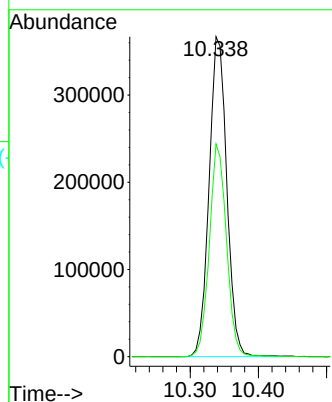
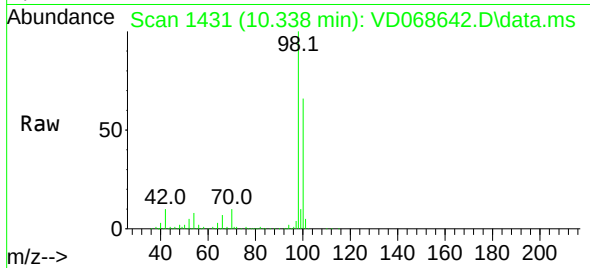




#50
Toluene-d8
Concen: 52.15 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.005 min
Lab File: VD068642.D
Acq: 17 Mar 2021 17:17

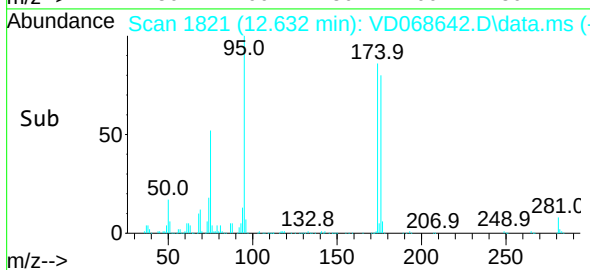
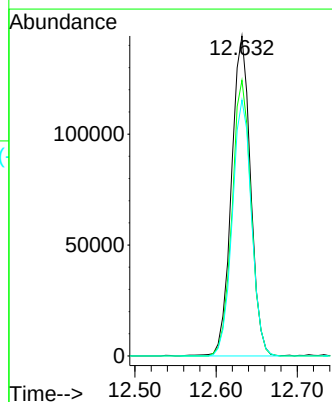
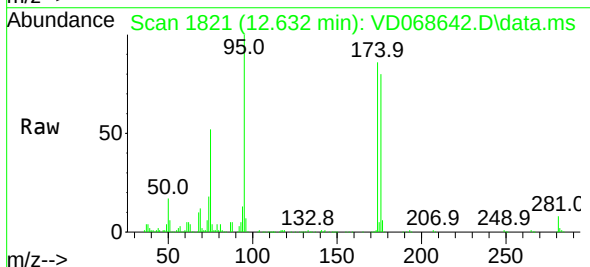
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ClientSampleId :

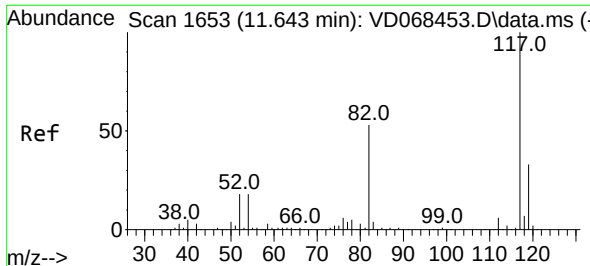
Tgt Ion: 98 Resp: 663128
Ion Ratio Lower Upper
98 100
100 64.4 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 57.41 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068642.D
Acq: 17 Mar 2021 17:17

Tgt Ion: 95 Resp: 235275
Ion Ratio Lower Upper
95 100
174 85.6 0.0 172.4
176 80.5 0.0 168.4

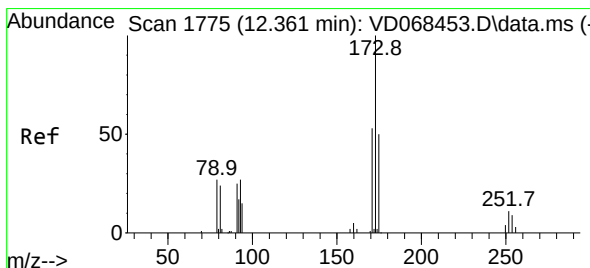
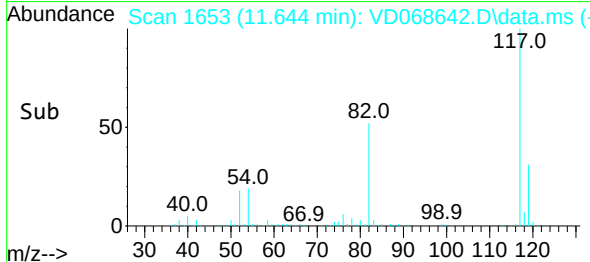
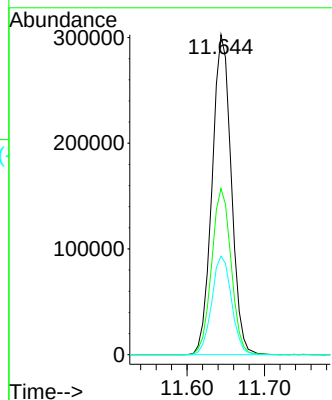
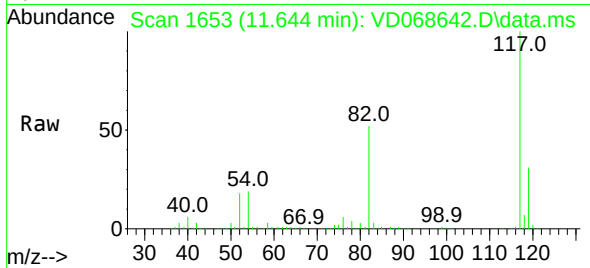




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068642.D
Acq: 17 Mar 2021 17:17

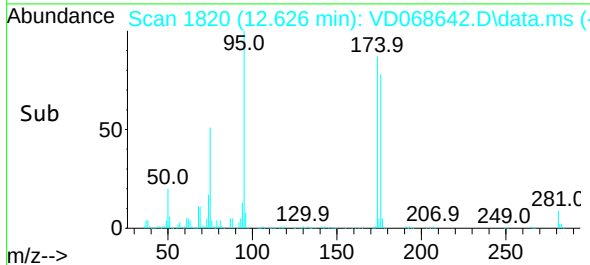
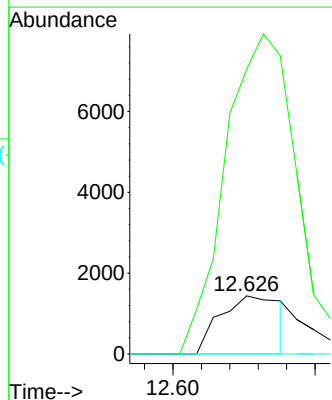
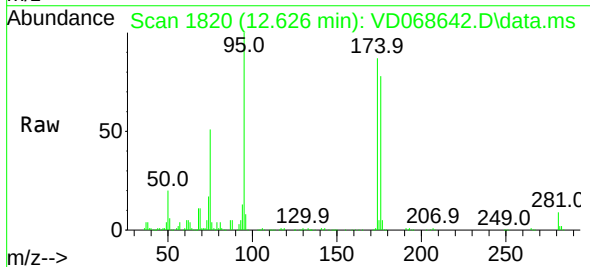
Instrument :
MSVOA_D
ClientSampleId :

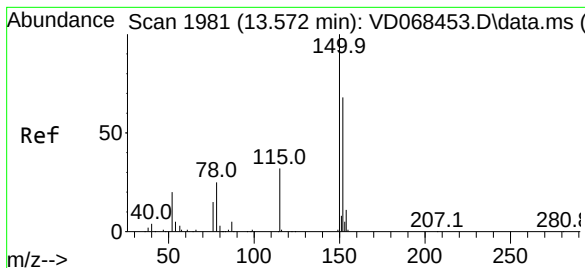
Tgt Ion:117 Resp: 519916
Ion Ratio Lower Upper
117 100
82 51.9 41.4 62.0
119 30.8 26.1 39.1



#71
Bromoform
Concen: 1.14 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.265 min
Lab File: VD068642.D
Acq: 17 Mar 2021 17:17

Tgt Ion:173 Resp: 2135
Ion Ratio Lower Upper
173 100
175 525.2 24.6 73.8#
254 0.0 0.0 0.0

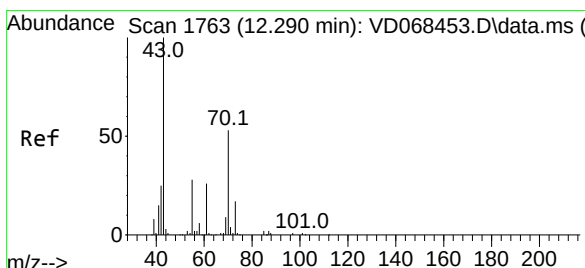
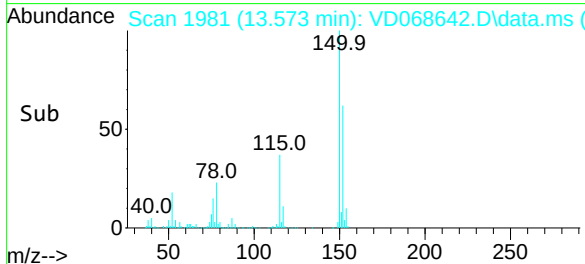
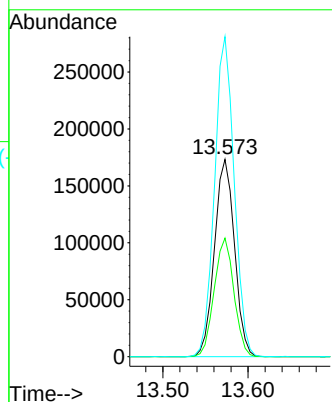
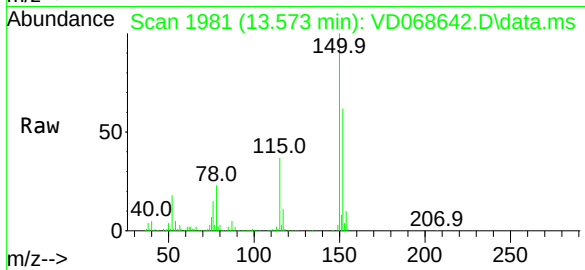




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.001 min
Lab File: VD068642.D
Acq: 17 Mar 2021 17:17

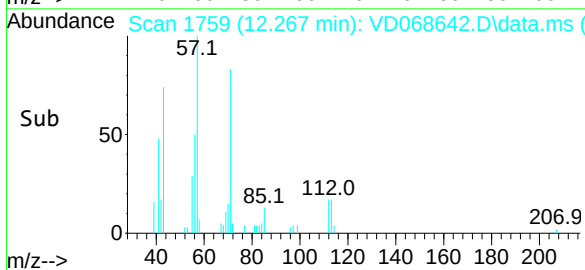
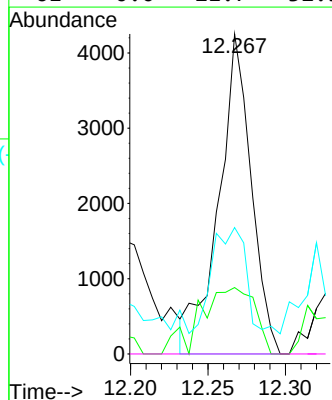
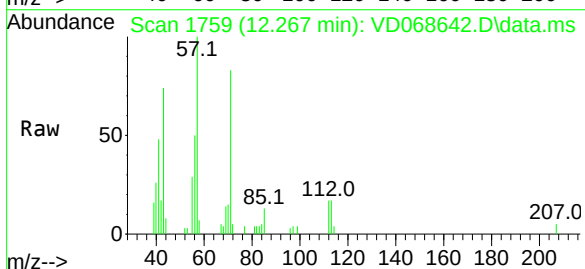
Instrument :
MSVOA_D
ClientSampleId :

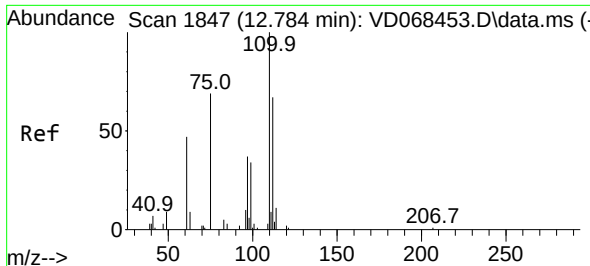
Tgt Ion:152 Resp: 283219
Ion Ratio Lower Upper
152 100
115 59.1 28.9 86.8
150 159.1 0.0 344.4



#74
N-ethyl acetate
Concen: 1.74 ug/l
RT: 12.267 min Scan# 1759
Delta R.T. -0.023 min
Lab File: VD068642.D
Acq: 17 Mar 2021 17:17

Tgt Ion: 43 Resp: 6209
Ion Ratio Lower Upper
43 100
70 35.2 41.8 62.8#
55 33.8 24.2 36.4
61 0.0 21.7 32.5#

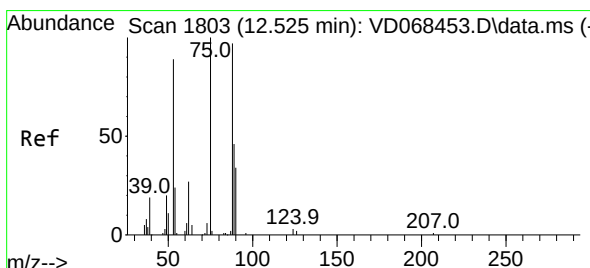
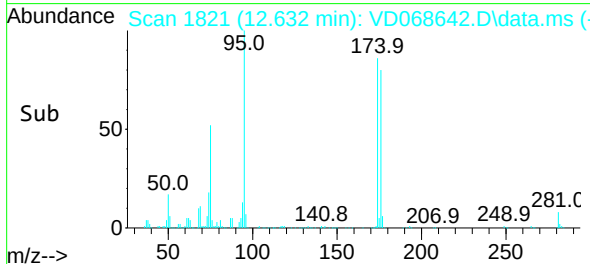
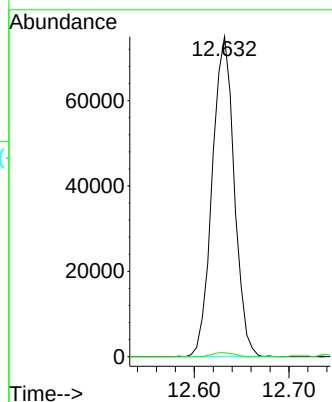
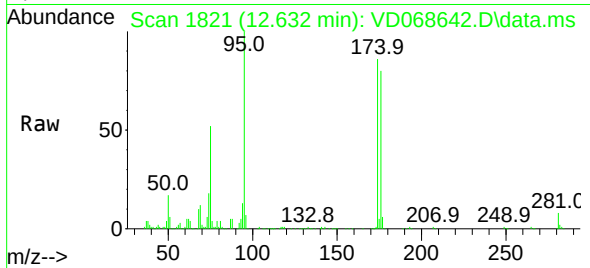




#76
1,2,3-Trichloropropane
Concen: 48.12 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.152 min
Lab File: VD068642.D
Acq: 17 Mar 2021 17:17

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 120986
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 112.29 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068642.D
Acq: 17 Mar 2021 17:17

Tgt Ion: 75 Resp: 120986
Ion Ratio Lower Upper
75 100
53 0.0 70.2 105.2#
89 0.1 40.3 60.5#

