

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030221\
 Data File : VD068486.D
 Acq On : 02 Mar 2021 10:19
 Operator : VA/SY
 Sample : VD0302SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Mar 02 23:55:00 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)

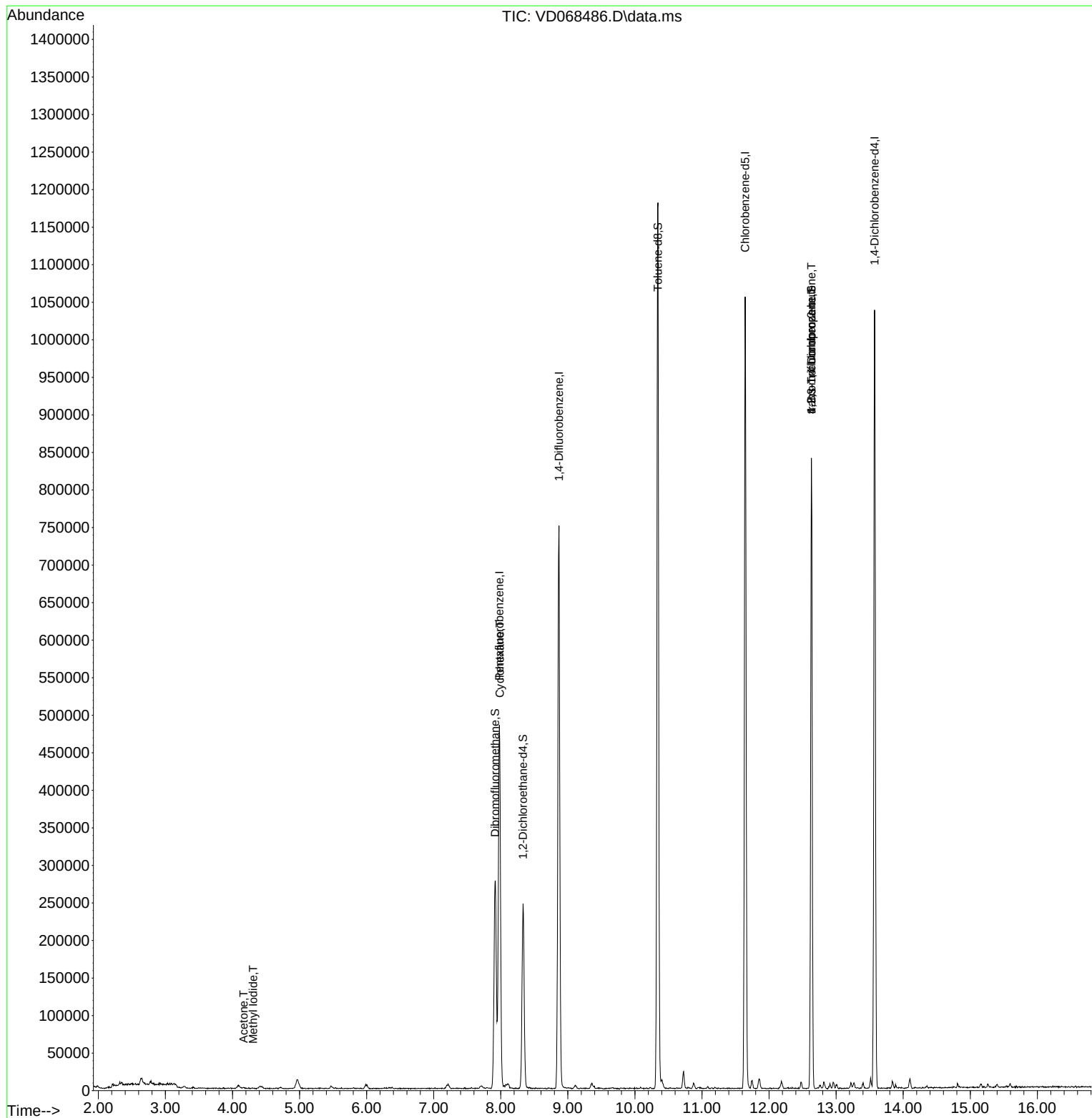
Internal Standards						
1) Pentafluorobenzene	7.979	168	372235	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	668413	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	637734	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	288005	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	190400	51.19	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.38%			
35) Dibromofluoromethane	7.914	113	202689	50.34	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.68%			
50) Toluene-d8	10.344	98	837705	52.23	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 104.46%			
62) 4-Bromofluorobenzene	12.632	95	270524	52.34	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 104.68%			
Target Compounds						
10) Methyl Iodide	4.309	142	1039	2.84	ug/l #	89
16) Acetone	4.167	43	831	1.41	ug/l	93
20) Methylene Chloride	4.961	84	9941	Below Cal	#	88
31) Cyclohexane	7.985	56	9626	1.42	ug/l #	15
76) 1,2,3-Trichloropropane	12.632	75	134649	52.66	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	134649	122.90	ug/l #	13

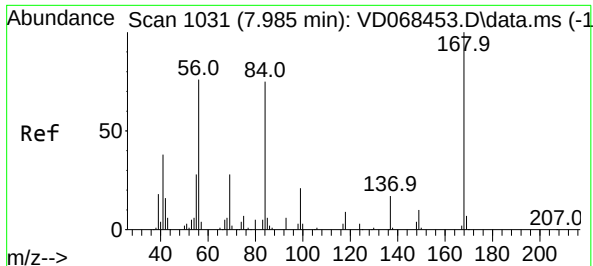
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Mar 02 23:55:00 2021
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Quant Title : SW846 8260
QLast Update : Fri Feb 26 14:04:14 2021
Response via : Initial Calibration

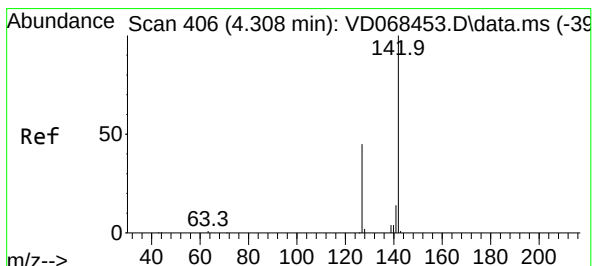
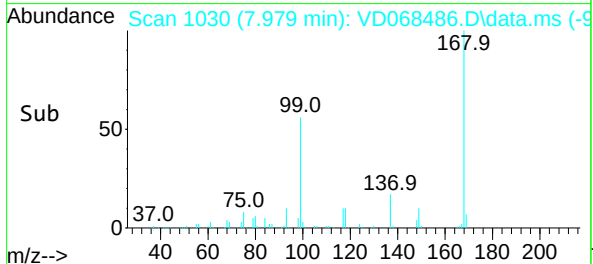
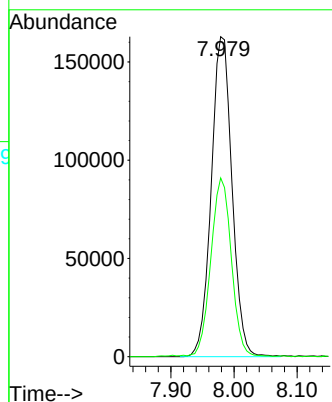
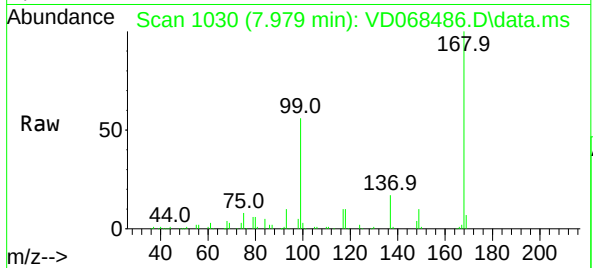




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068486.D
Acq: 02 Mar 2021 10:19

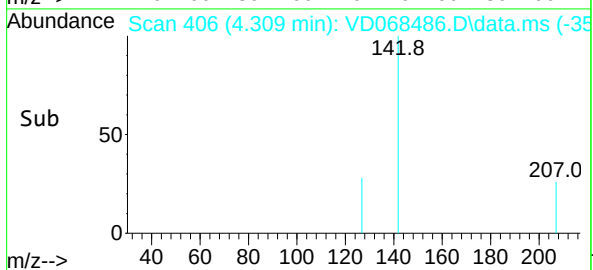
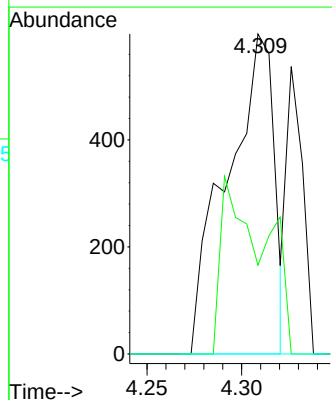
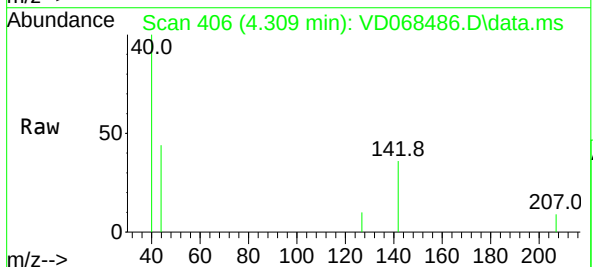
Instrument :
MSVOA_D
ClientSampled :

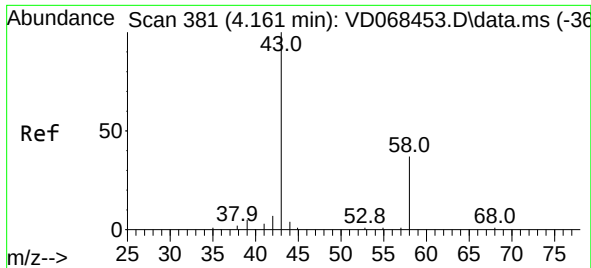
Tgt Ion:168 Resp: 372235
Ion Ratio Lower Upper
168 100
99 55.6 43.5 65.3



#10
Methyl Iodide
Concen: 2.84 ug/l
RT: 4.309 min Scan# 406
Delta R.T. 0.001 min
Lab File: VD068486.D
Acq: 02 Mar 2021 10:19

Tgt Ion:142 Resp: 1039
Ion Ratio Lower Upper
142 100
127 50.0 37.9 56.9
141 0.0 11.5 17.3#

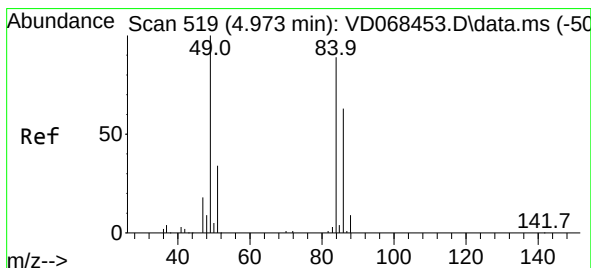
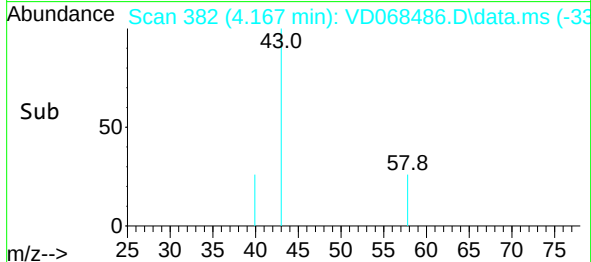
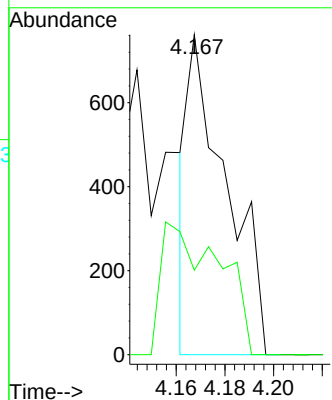
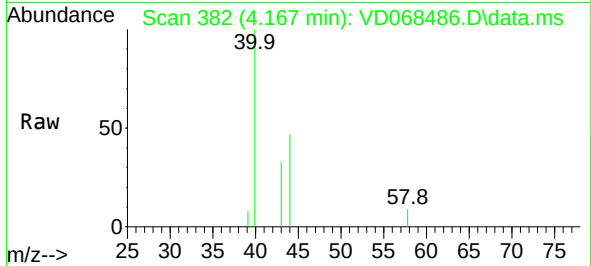




#16
Acetone
Concen: 1.41 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.006 min
Lab File: VD068486.D
Acq: 02 Mar 2021 10:19

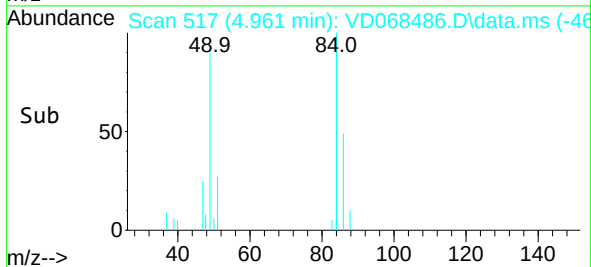
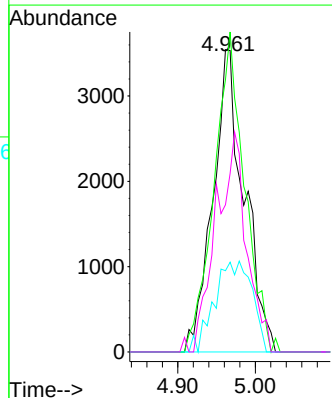
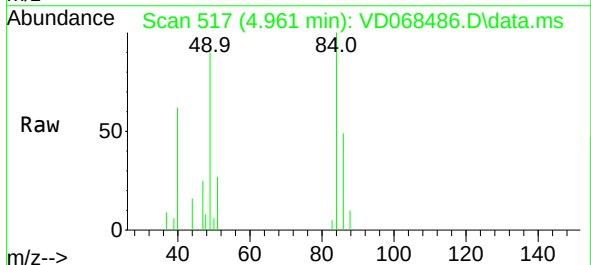
Instrument :
MSVOA_D
ClientSampled :

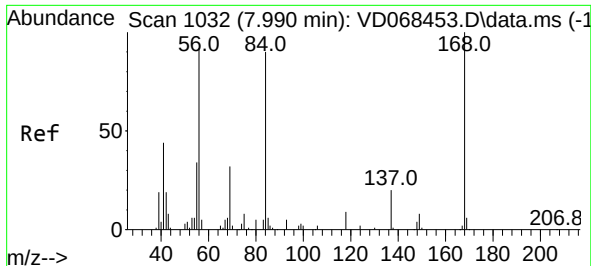
Tgt Ion: 43 Resp: 831
Ion Ratio Lower Upper
43 100
58 26.4 24.2 36.4



#20
Methylene Chloride
Concen: Below Cal
RT: 4.961 min Scan# 517
Delta R.T. -0.012 min
Lab File: VD068486.D
Acq: 02 Mar 2021 10:19

Tgt Ion: 84 Resp: 9941
Ion Ratio Lower Upper
84 100
49 90.1 77.4 116.2
51 26.9 26.1 39.1
86 48.7 51.8 77.8#

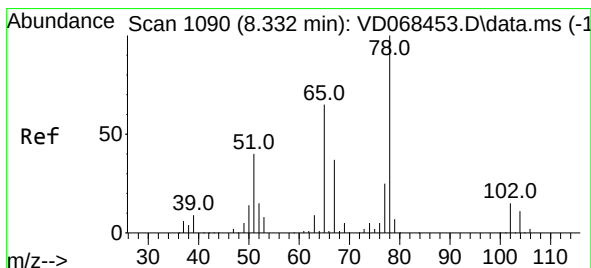
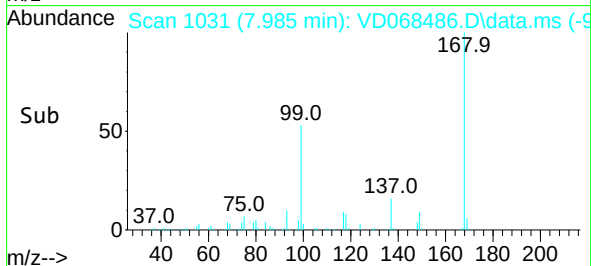
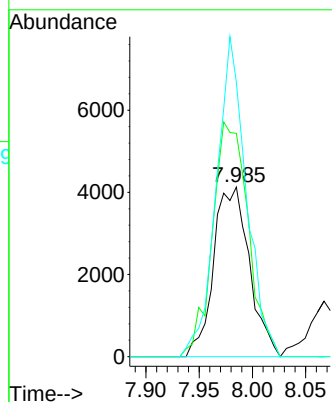
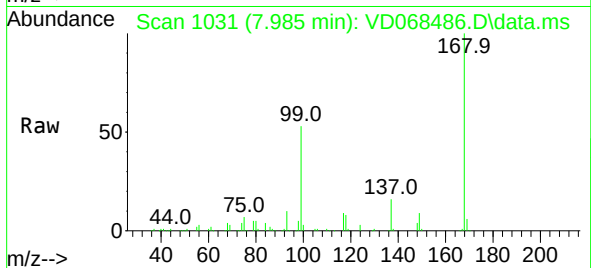




#31
Cyclohexane
Concen: 1.42 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD068486.D
Acq: 02 Mar 2021 10:19

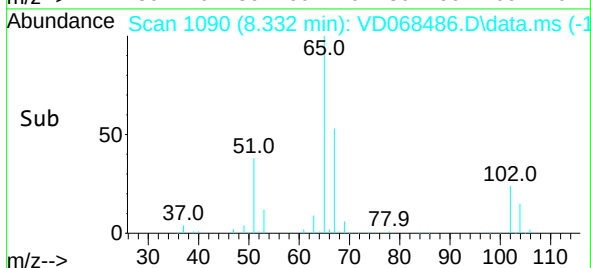
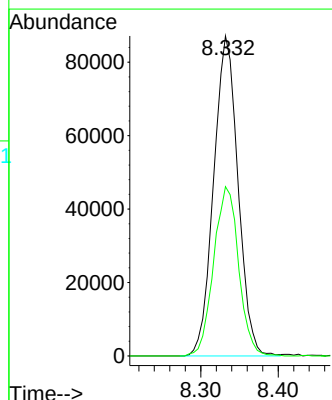
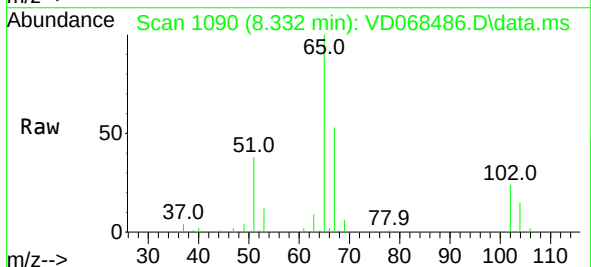
Instrument :
MSVOA_D
ClientSampled :

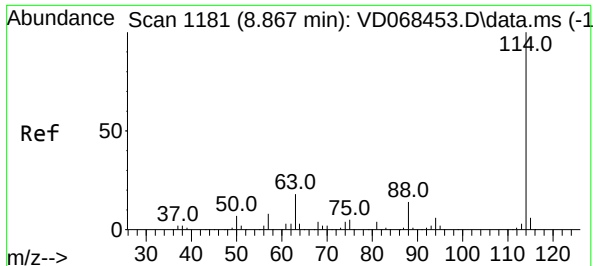
Tgt Ion: 56 Resp: 9626
Ion Ratio Lower Upper
56 100
69 131.8 30.1 45.1#
84 161.8 82.1 123.1#



#33
1,2-Dichloroethane-d4
Concen: 51.19 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068486.D
Acq: 02 Mar 2021 10:19

Tgt Ion: 65 Resp: 190400
Ion Ratio Lower Upper
65 100
67 54.3 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: VD068486.D

Acq: 02 Mar 2021 10:19

Tgt Ion:114 Resp: 668413

Ion Ratio Lower Upper

114 100

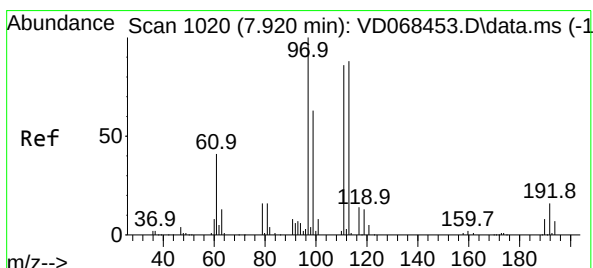
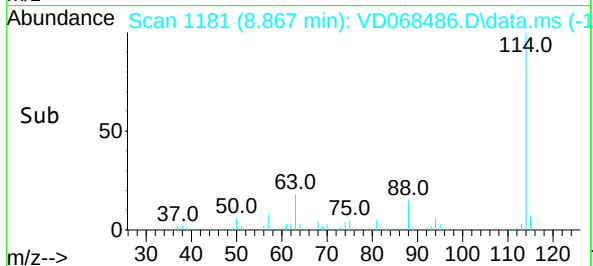
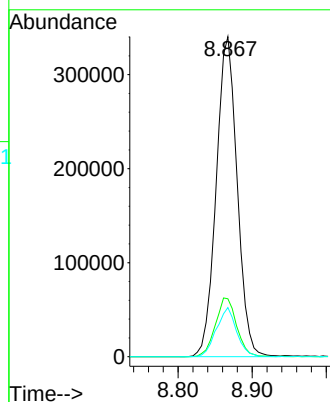
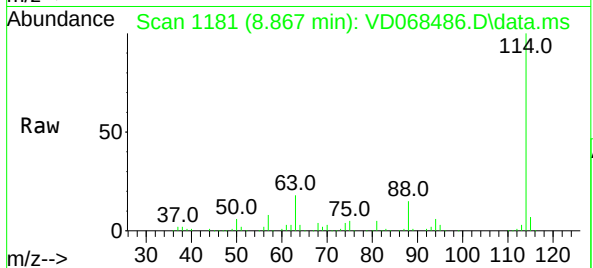
63 18.1 0.0 34.8

88 15.4 0.0 31.6

Instrument :

MSVOA_D

ClientSampled :



#35

Dibromofluoromethane

Concen: 50.34 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VD068486.D

Acq: 02 Mar 2021 10:19

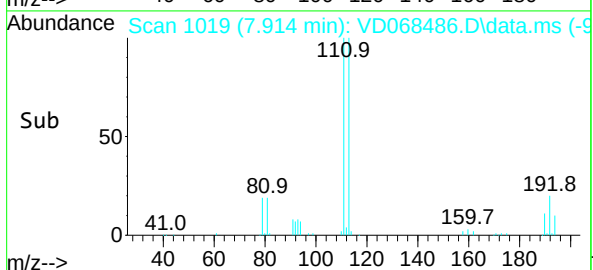
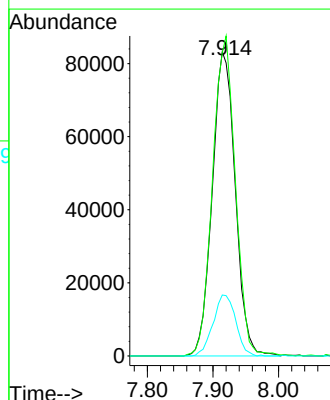
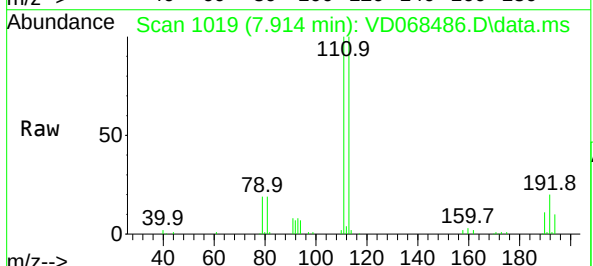
Tgt Ion:113 Resp: 202689

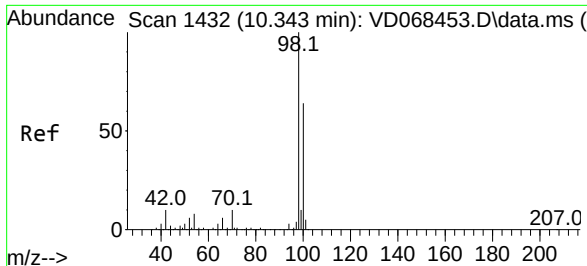
Ion Ratio Lower Upper

113 100

111 103.8 81.4 122.0

192 19.7 16.1 24.1

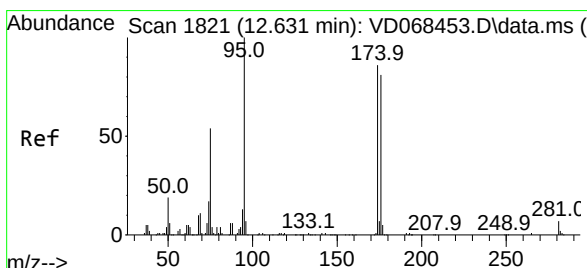
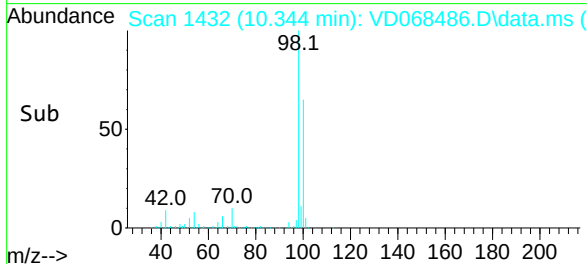
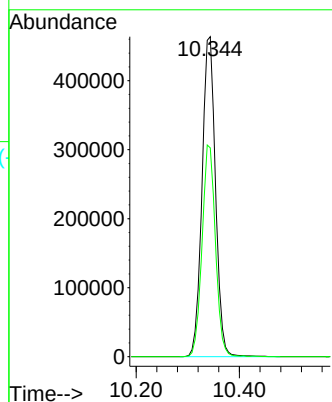
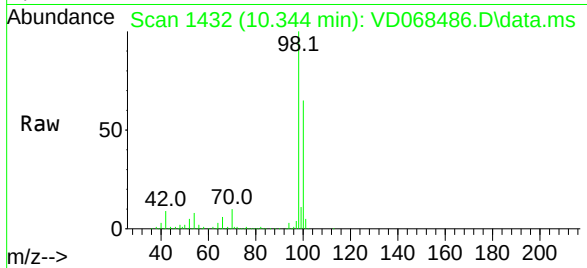




#50
Toluene-d8
Concen: 52.23 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068486.D
Acq: 02 Mar 2021 10:19

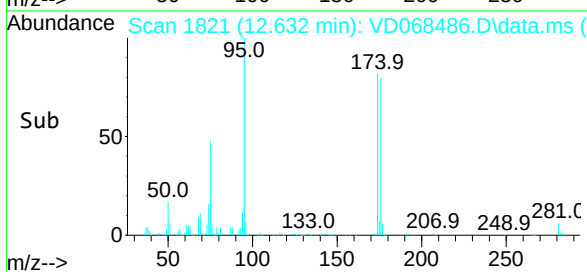
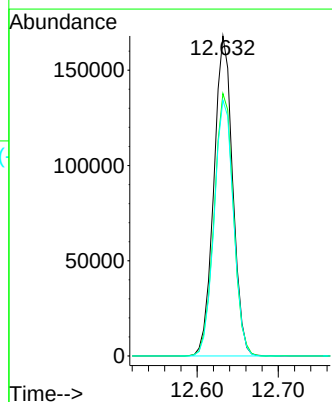
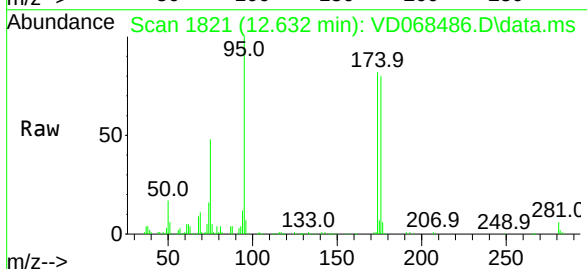
Instrument :
MSVOA_D
ClientSampled :

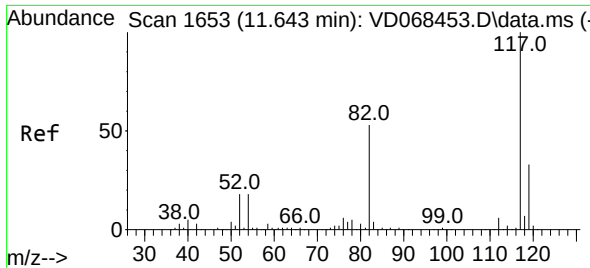
Tgt Ion: 98 Resp: 837705
Ion Ratio Lower Upper
98 100
100 65.8 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 52.34 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068486.D
Acq: 02 Mar 2021 10:19

Tgt Ion: 95 Resp: 270524
Ion Ratio Lower Upper
95 100
174 84.1 0.0 172.4
176 81.9 0.0 168.4

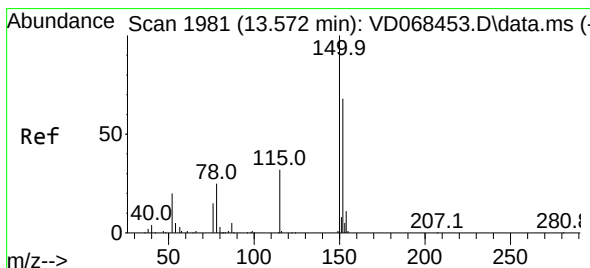
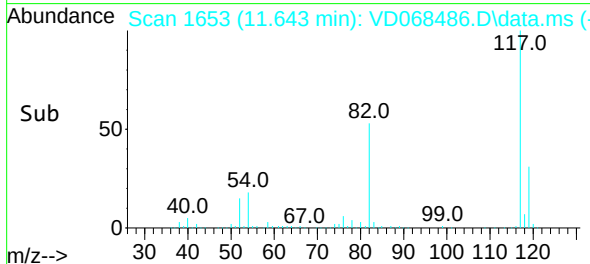
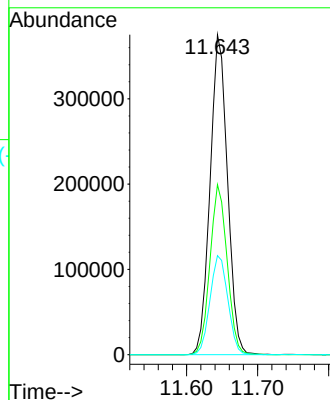
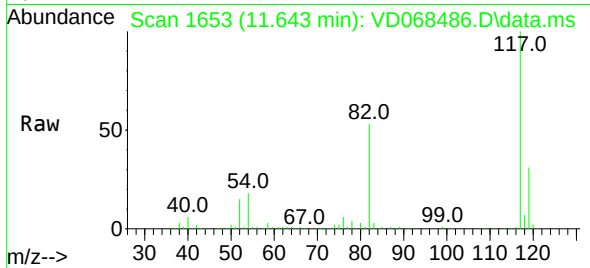




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068486.D
Acq: 02 Mar 2021 10:19

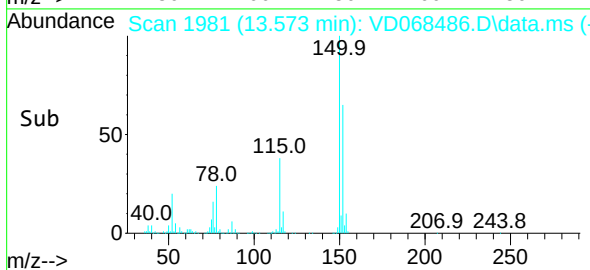
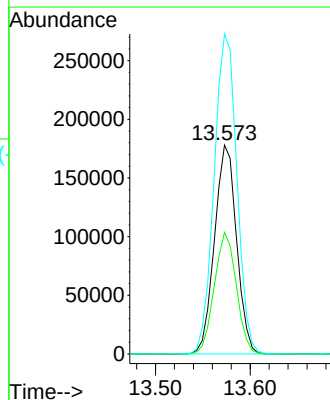
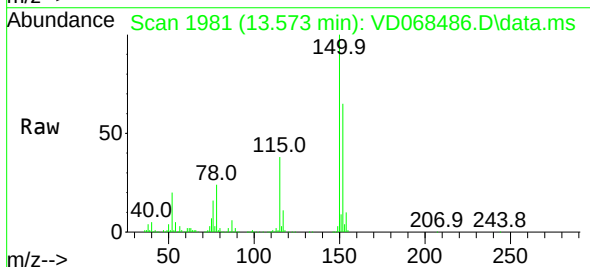
Instrument :
MSVOA_D
ClientSampleId :

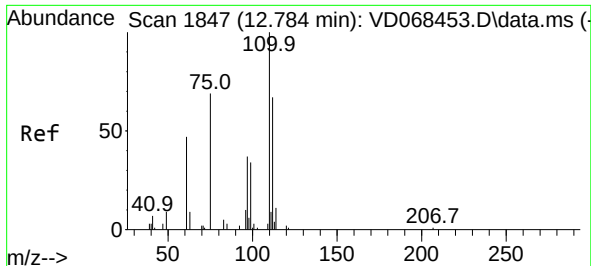
Tgt Ion:117 Resp: 637734
Ion Ratio Lower Upper
117 100
82 53.2 41.4 62.0
119 30.9 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.001 min
Lab File: VD068486.D
Acq: 02 Mar 2021 10:19

Tgt Ion:152 Resp: 288005
Ion Ratio Lower Upper
152 100
115 58.1 28.9 86.8
150 158.5 0.0 344.4

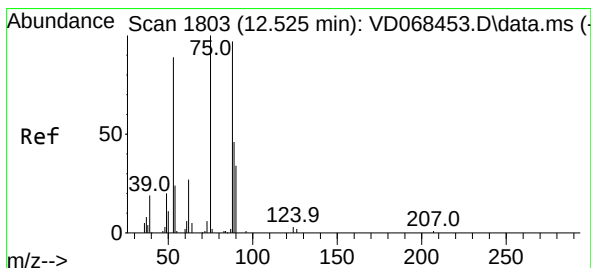
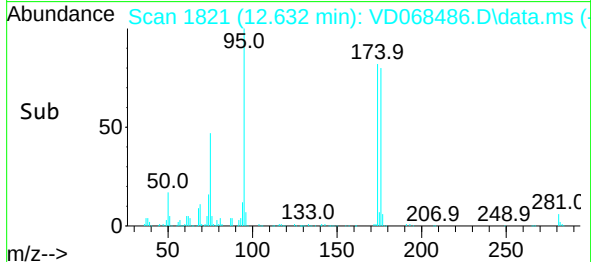
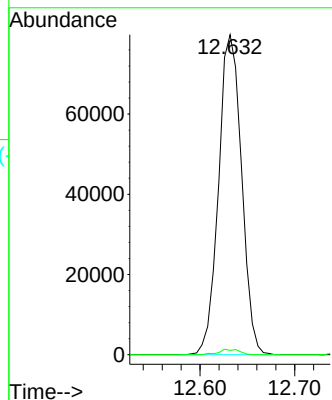
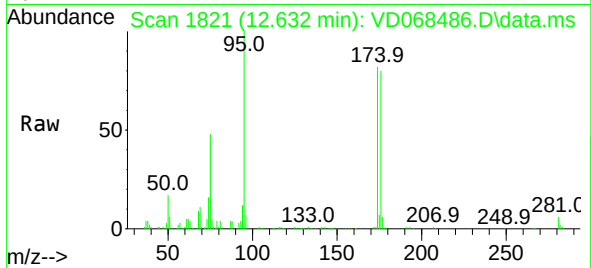




#76
1,2,3-Trichloropropane
Concen: 52.66 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.152 min
Lab File: VD068486.D
Acq: 02 Mar 2021 10:19

Instrument :
MSVOA_D
ClientSampled :

Tgt Ion: 75 Resp: 134649
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 122.90 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068486.D
Acq: 02 Mar 2021 10:19

Tgt Ion: 75 Resp: 134649
Ion Ratio Lower Upper
75 100
53 0.0 70.2 105.2#
89 0.0 40.3 60.5#

