

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021921\
 Data File : VD068402.D
 Acq On : 19 Feb 2021 16:05
 Operator : VA/SY
 Sample : M1452-09
 Misc : 5.61G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-3

Quant Time: Feb 19 23:31:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 12 13:30:51 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

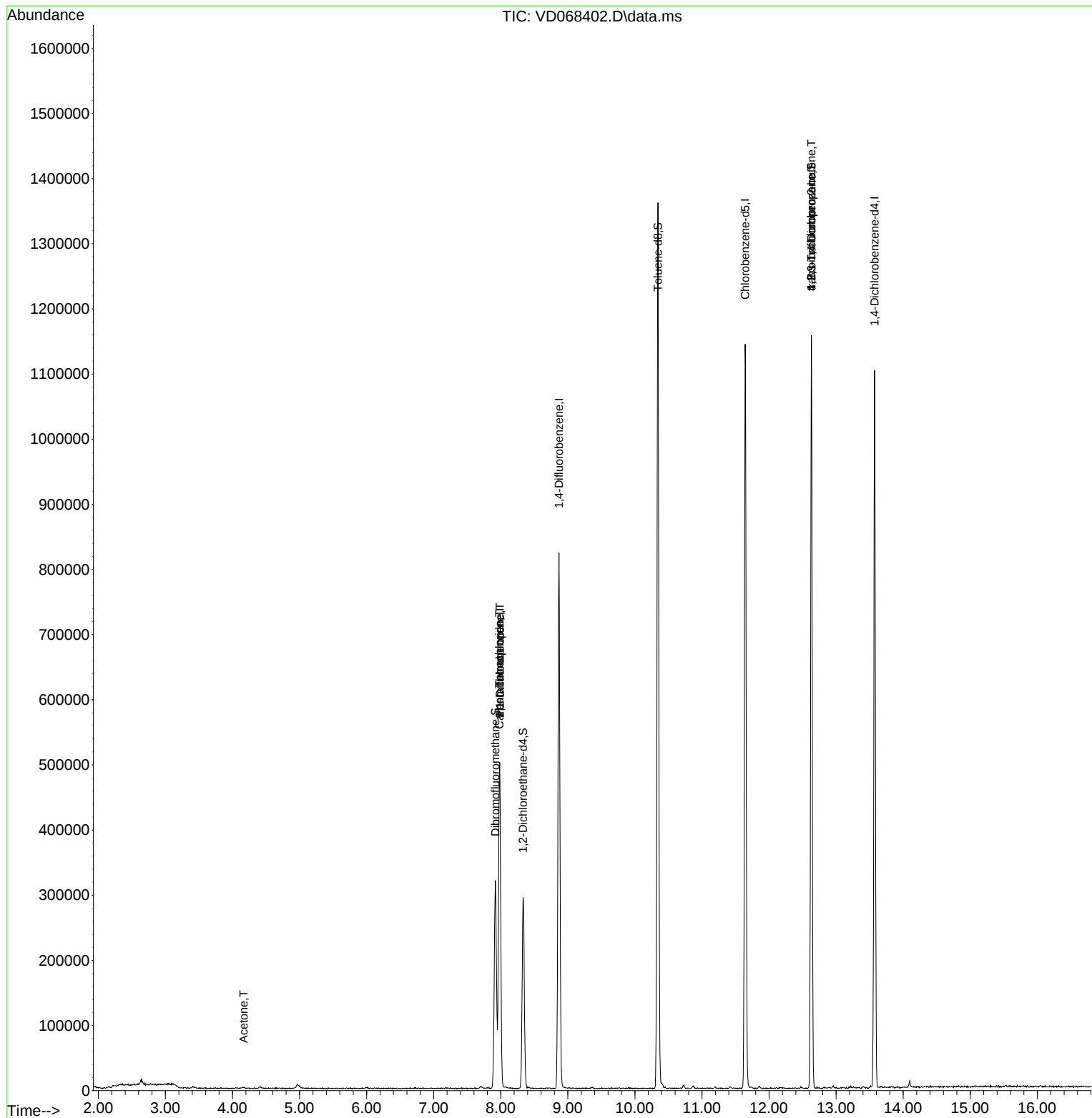
Internal Standards						
1) Pentafluorobenzene	7.985	168	377157	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	729504	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	678530	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	287910	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	231535	60.05	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 120.10%	
35) Dibromofluoromethane	7.920	113	229223	52.94	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.88%	
50) Toluene-d8	10.343	98	925383	51.56	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.12%	
62) 4-Bromofluorobenzene	12.632	95	288716	49.39	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 98.78%	
Target Compounds						
						Qvalue
16) Acetone	4.167	43	3462	5.82	ug/l	97
20) Methylene Chloride	4.979	84	4786	Below Cal	#	78
31) Cyclohexane	7.979	56	8105	Below Cal	#	1
36) 1,1-Dichloropropene	7.985	75	31140	4.83	ug/l	# 48
38) Carbon Tetrachloride	7.979	117	39799	6.47	ug/l	# 15
76) 1,2,3-Trichloropropane	12.632	75	151910	55.45	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.632	75	151910	138.98	ug/l	# 14

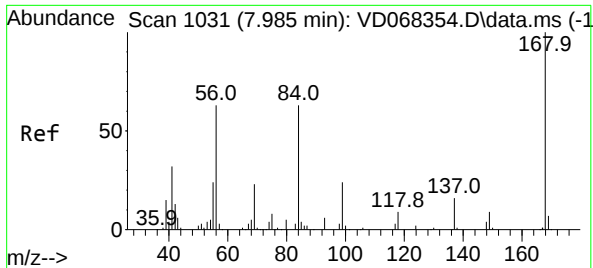
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_D
ClientSampleId :
TP-3

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Quant Title : SW846 8260
QLast Update : Fri Feb 12 13:30:51 2021
Response via : Initial Calibration

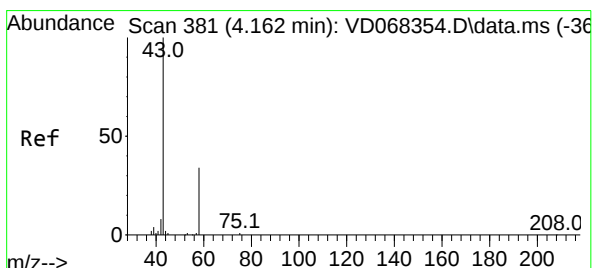
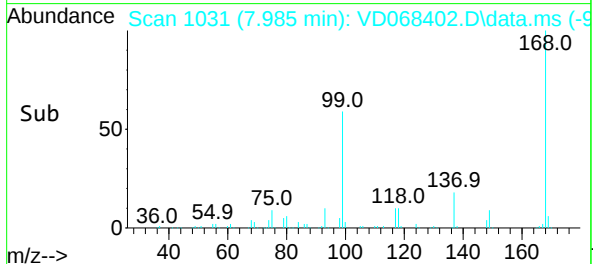
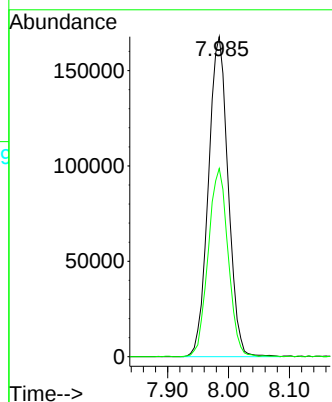
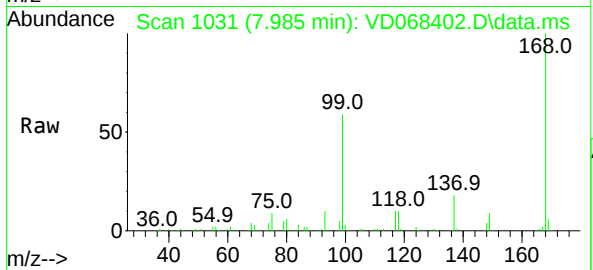




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068402.D
Acq: 19 Feb 2021 16:05

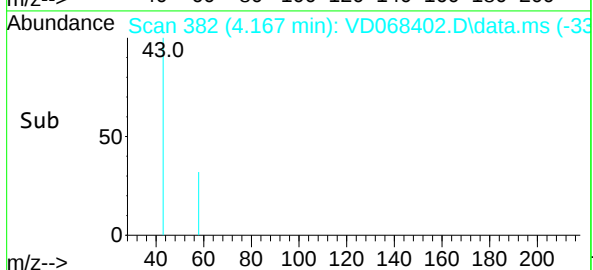
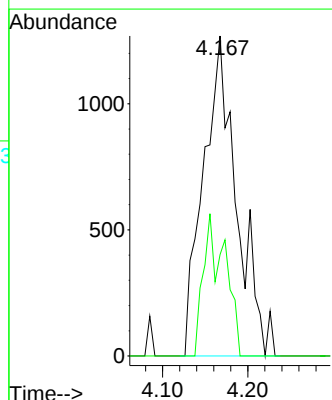
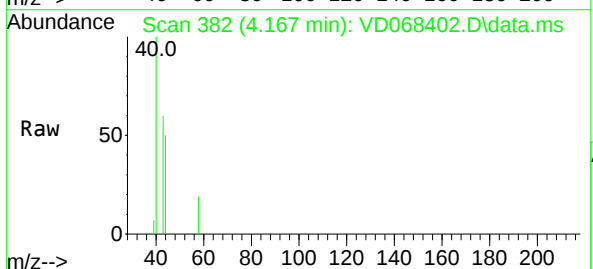
Instrument :
MSVOA_D
ClientSampled :
TP-3

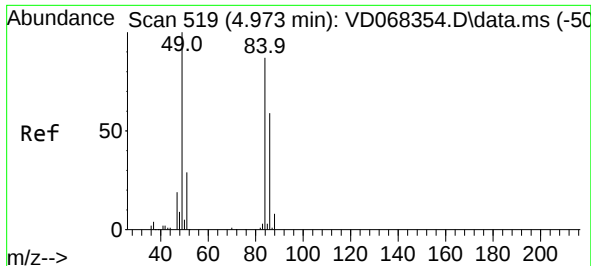
Tgt Ion:168 Resp: 377157
Ion Ratio Lower Upper
168 100
99 58.8 43.5 65.3



#16
Acetone
Concen: 5.82 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.006 min
Lab File: VD068402.D
Acq: 19 Feb 2021 16:05

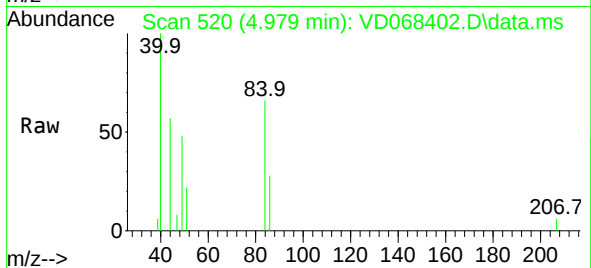
Tgt Ion: 43 Resp: 3462
Ion Ratio Lower Upper
43 100
58 31.7 24.2 36.4



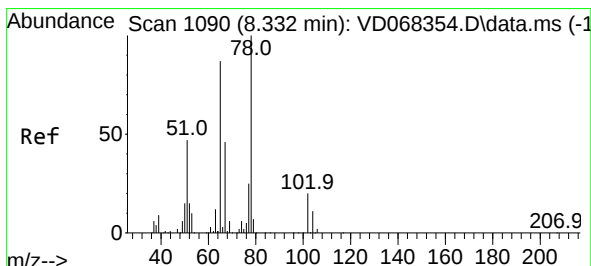
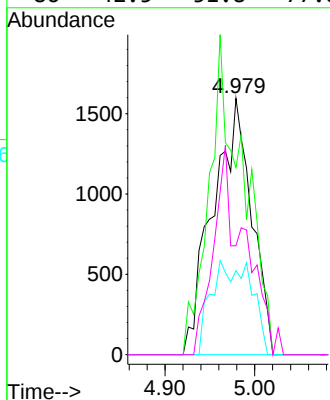
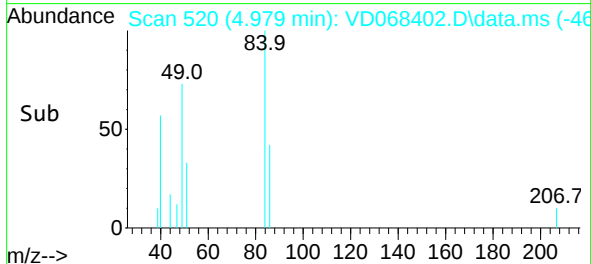


#20
Methylene Chloride
Concen: Below Cal
RT: 4.979 min Scan# 520
Delta R.T. 0.006 min
Lab File: VD068402.D
Acq: 19 Feb 2021 16:05

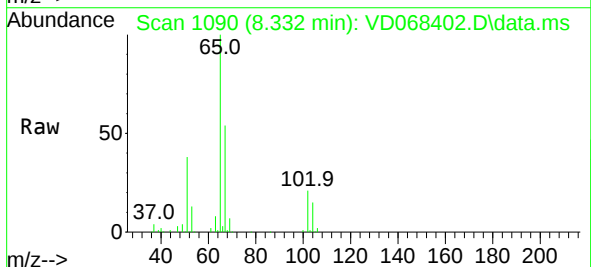
Instrument :
MSVOA_D
ClientSampled :
TP-3



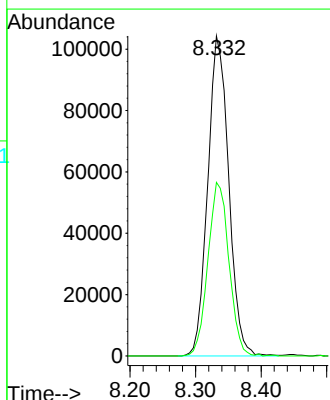
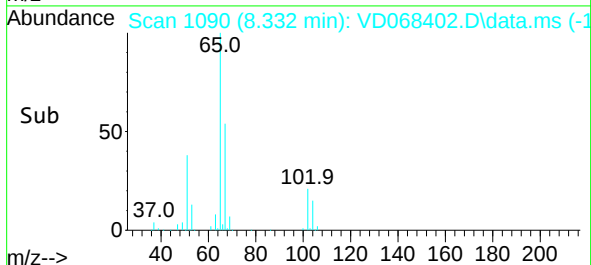
Tgt Ion: 84 Resp: 4786
Ion Ratio Lower Upper
84 100
49 73.0 77.4 116.2#
51 32.8 26.1 39.1
86 42.5 51.8 77.8#

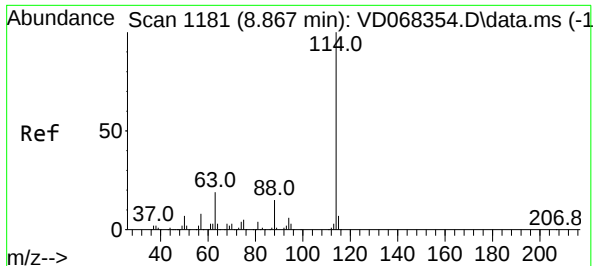


#33
1,2-Dichloroethane-d4
Concen: 60.05 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068402.D
Acq: 19 Feb 2021 16:05



Tgt Ion: 65 Resp: 231535
Ion Ratio Lower Upper
65 100
67 54.4 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: VD068402.D

Acq: 19 Feb 2021 16:05

Instrument :

MSVOA_D

ClientSampled :

TP-3

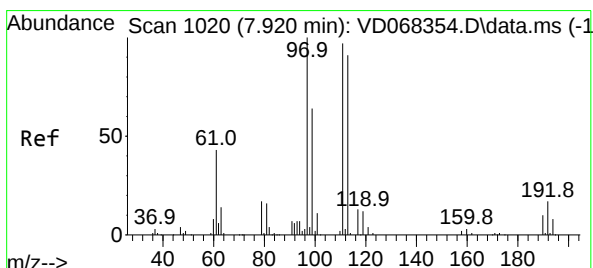
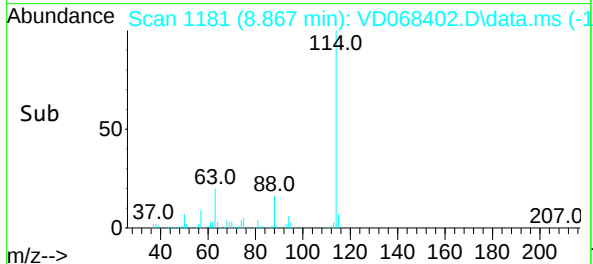
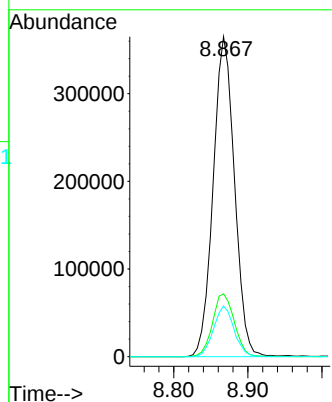
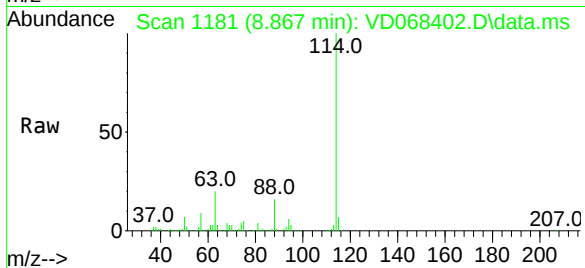
Tgt Ion:114 Resp: 729504

Ion Ratio Lower Upper

114 100

63 19.7 0.0 34.8

88 15.8 0.0 31.6



#35

Dibromofluoromethane

Concen: 52.94 ug/l

RT: 7.920 min Scan# 1020

Delta R.T. -0.000 min

Lab File: VD068402.D

Acq: 19 Feb 2021 16:05

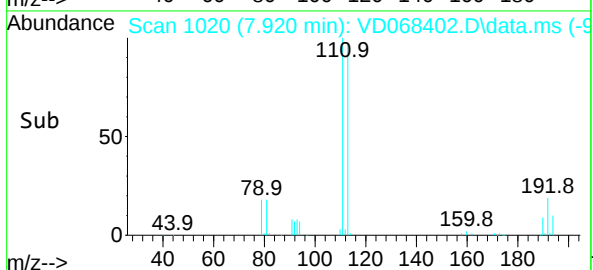
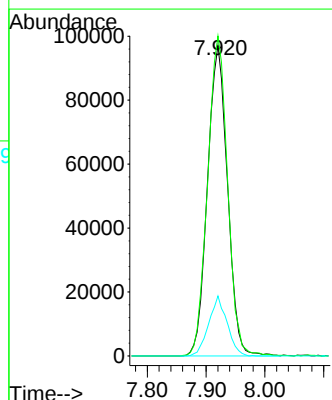
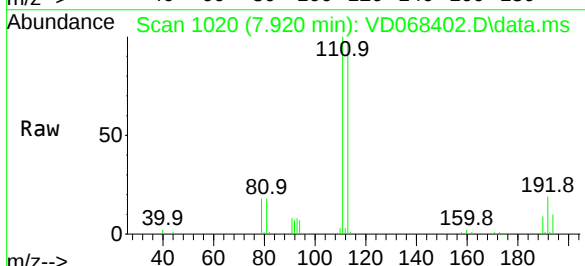
Tgt Ion:113 Resp: 229223

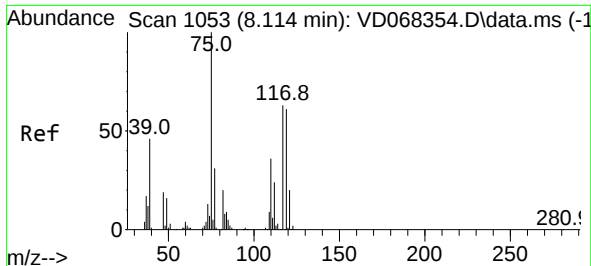
Ion Ratio Lower Upper

113 100

111 103.2 81.4 122.0

192 17.7 16.1 24.1

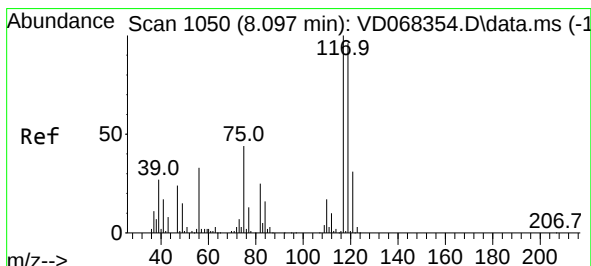
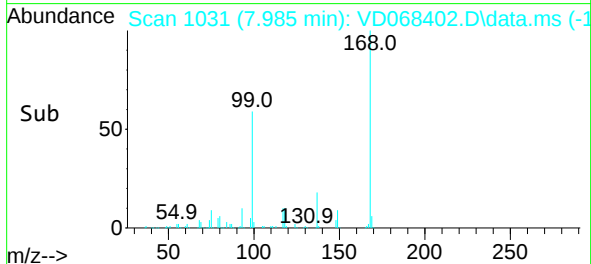
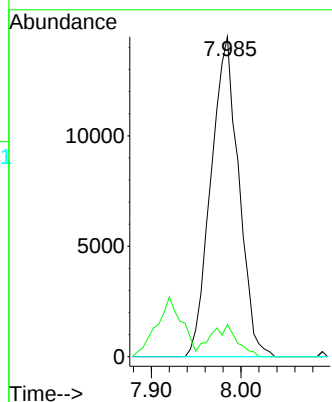
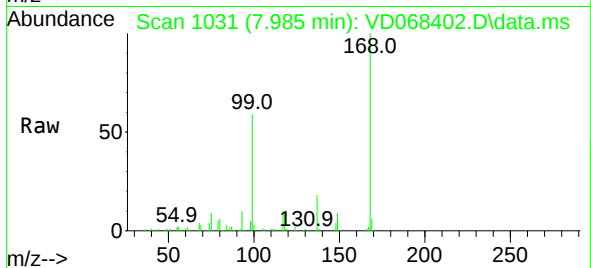




#36
1,1-Dichloropropene
Concen: 4.83 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.130 min
Lab File: VD068402.D
Acq: 19 Feb 2021 16:05

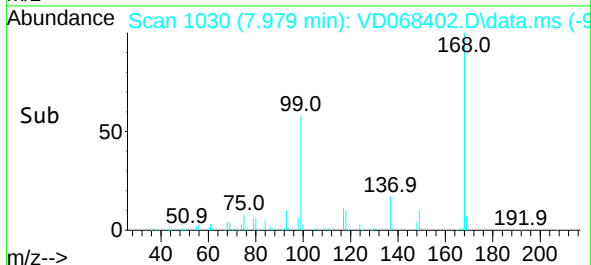
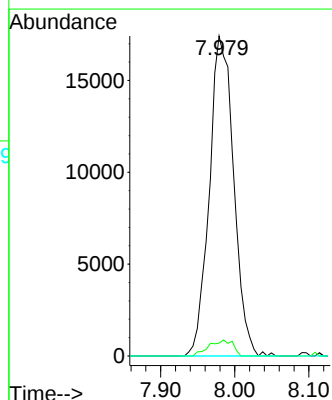
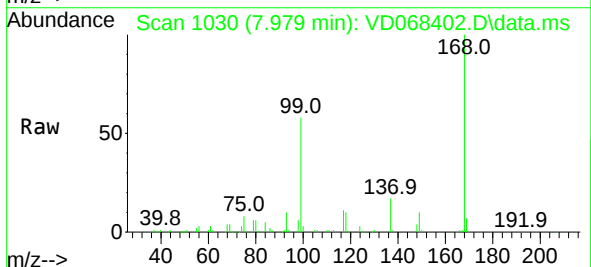
Instrument :
MSVOA_D
ClientSampled :
TP-3

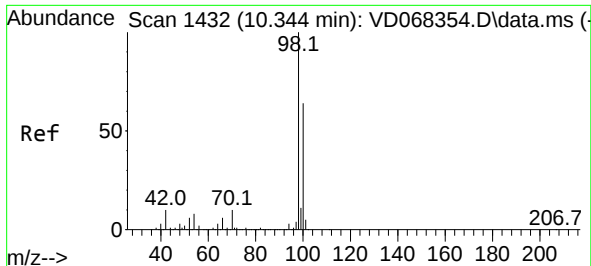
Tgt Ion: 75 Resp: 31140
Ion Ratio Lower Upper
75 100
110 9.8 19.4 58.2#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.47 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD068402.D
Acq: 19 Feb 2021 16:05

Tgt Ion: 117 Resp: 39799
Ion Ratio Lower Upper
117 100
119 4.0 77.3 115.9#
121 0.0 24.7 37.1#

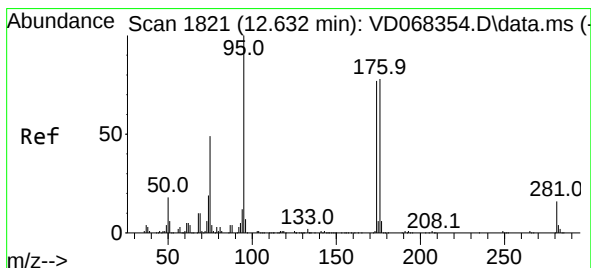
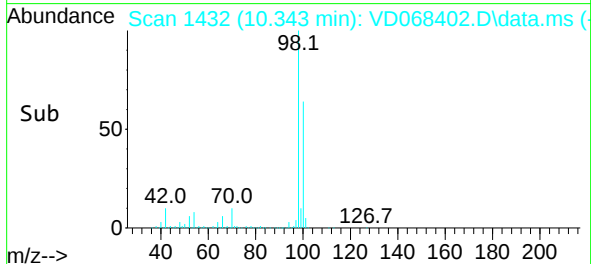
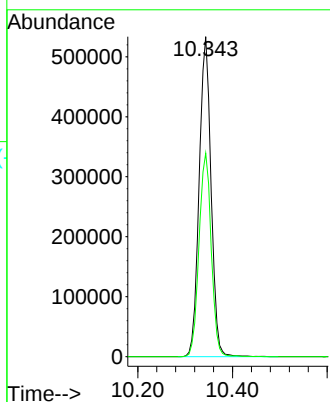
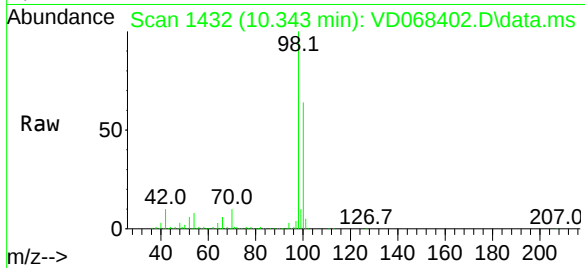




#50
Toluene-d8
Concen: 51.56 ug/l
RT: 10.343 min Scan# 1432
Delta R.T. -0.000 min
Lab File: VD068402.D
Acq: 19 Feb 2021 16:05

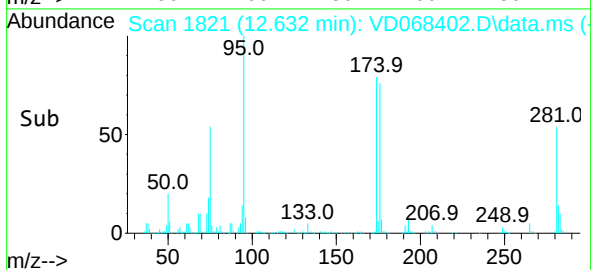
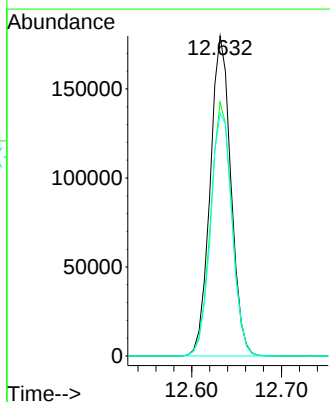
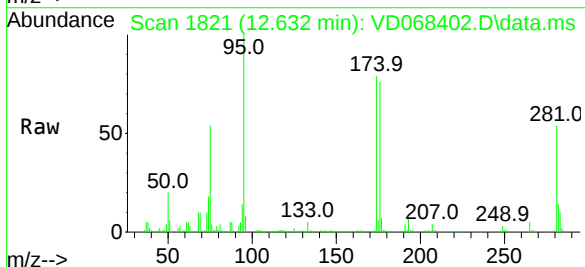
Instrument :
MSVOA_D
ClientSampled :
TP-3

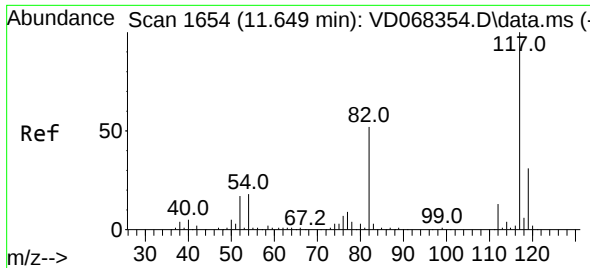
Tgt Ion: 98 Resp: 925383
Ion Ratio Lower Upper
98 100
100 65.5 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 49.39 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD068402.D
Acq: 19 Feb 2021 16:05

Tgt Ion: 95 Resp: 288716
Ion Ratio Lower Upper
95 100
174 81.2 0.0 172.4
176 78.9 0.0 168.4

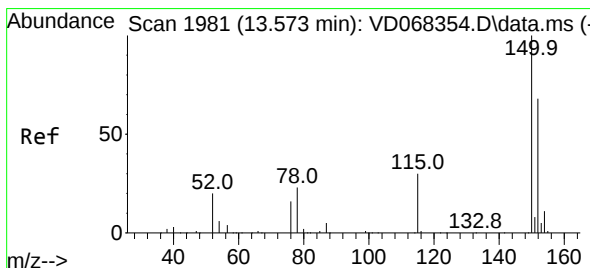
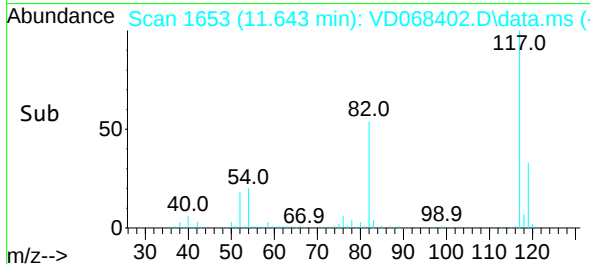
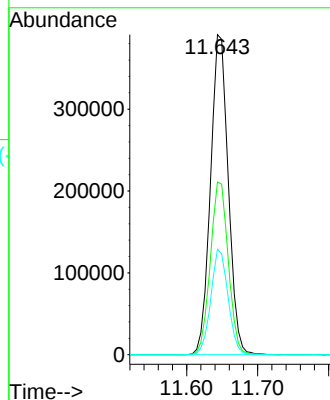
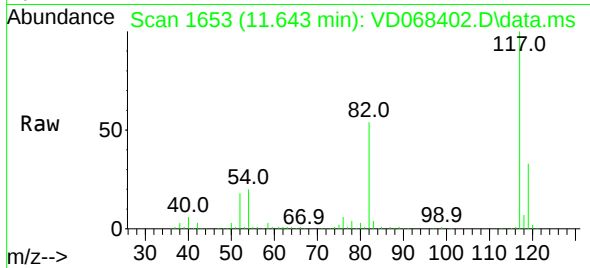




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. -0.006 min
Lab File: VD068402.D
Acq: 19 Feb 2021 16:05

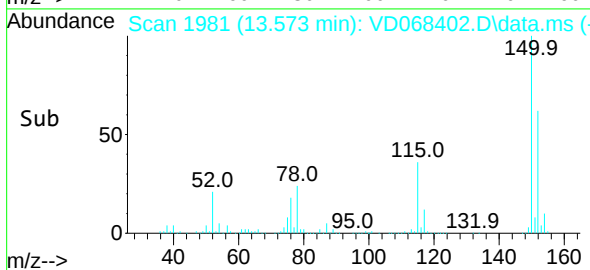
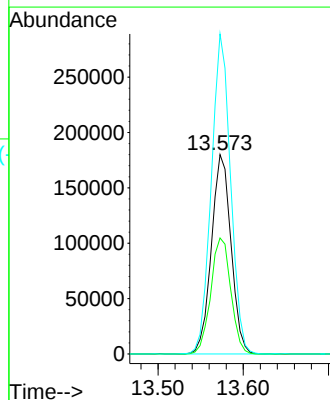
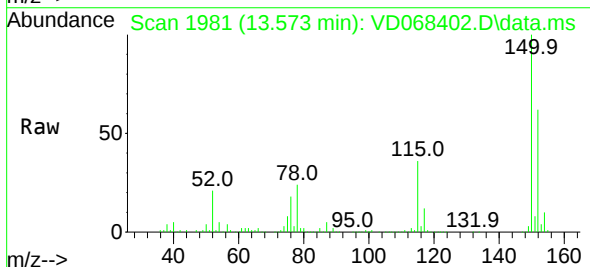
Instrument :
MSVOA_D
ClientSampled :
TP-3

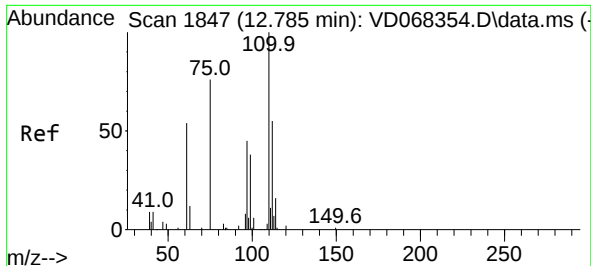
Tgt Ion:117 Resp: 678530
Ion Ratio Lower Upper
117 100
82 53.9 41.4 62.0
119 33.0 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068402.D
Acq: 19 Feb 2021 16:05

Tgt Ion:152 Resp: 287910
Ion Ratio Lower Upper
152 100
115 59.3 28.9 86.8
150 157.2 0.0 344.4

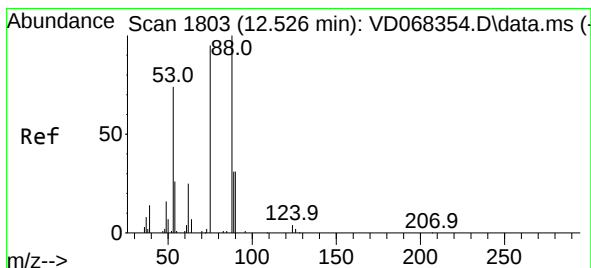
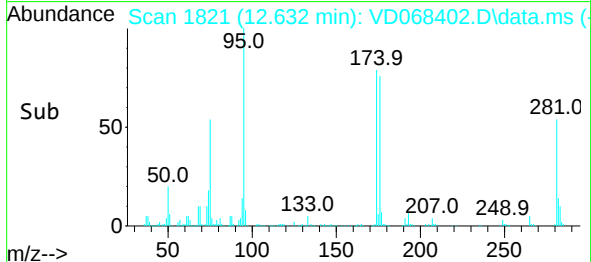
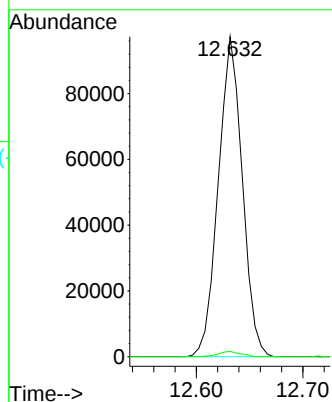
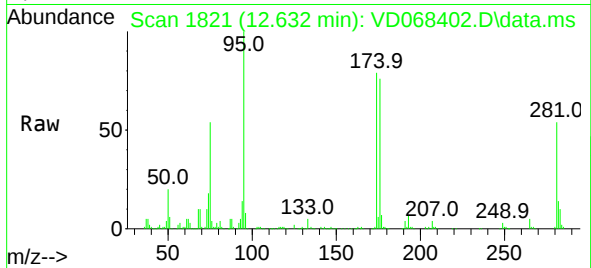




#76
1,2,3-Trichloropropane
Concen: 55.45 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD068402.D
Acq: 19 Feb 2021 16:05

Instrument :
MSVOA_D
ClientSampled :
TP-3

Tgt Ion: 75 Resp: 151910
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 138.98 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068402.D
Acq: 19 Feb 2021 16:05

Tgt Ion: 75 Resp: 151910
Ion Ratio Lower Upper
75 100
53 0.0 70.2 105.2#
89 0.8 40.3 60.5#

