

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021921\
 Data File : VD068406.D
 Acq On : 19 Feb 2021 17:54
 Operator : VA/SY
 Sample : M1452-25
 Misc : 6.41G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-7

Quant Time: Feb 19 23:32:37 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

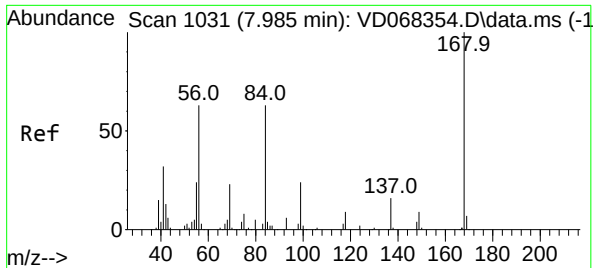
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.985	168	389544	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	732776	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	678575	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	290000	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	226160	56.79	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.58%
35) Dibromofluoromethane	7.914	113	224521	51.62	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.24%
50) Toluene-d8	10.344	98	936505	51.95	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.90%
62) 4-Bromofluorobenzene	12.632	95	302416	51.50	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	103.00%
Target Compounds					Qvalue	
16) Acetone	4.162	43	12735	20.73	ug/l	94
20) Methylene Chloride	4.973	84	2699	Below Cal	#	75
25) 2-Butanone	7.226	43	1946	2.27	ug/l #	43
31) Cyclohexane	7.979	56	9199	Below Cal	#	64
36) 1,1-Dichloropropene	7.979	75	31497	4.86	ug/l #	48
38) Carbon Tetrachloride	7.979	117	40657	6.57	ug/l #	14
51) 4-Methyl-2-Pentanone	10.344	43	3738	1.74	ug/l #	1
73) Isopropylbenzene	12.485	105	24281	1.15	ug/l #	63
74) N-amyl acetate	12.485	43	10456	2.80	ug/l #	8
76) 1,2,3-Trichloropropane	12.632	75	154353	55.93	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	154353	140.20	ug/l #	14

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

Quant Time: Feb 19 23:32:37 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

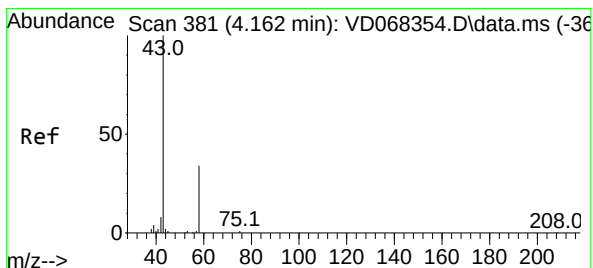
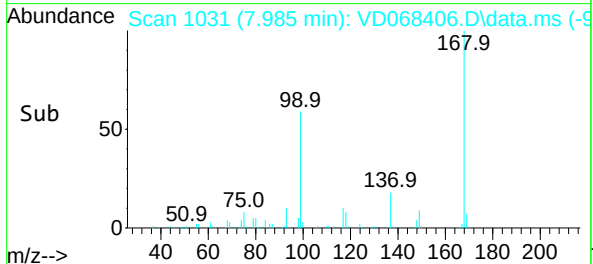
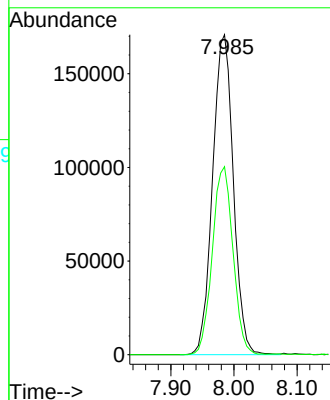
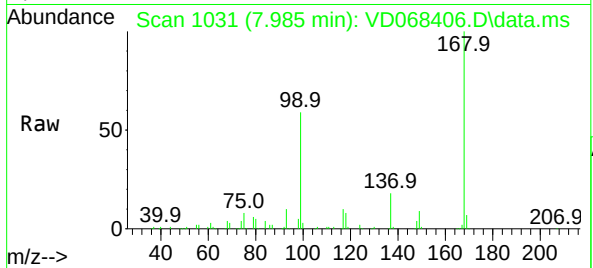




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068406.D
Acq: 19 Feb 2021 17:54

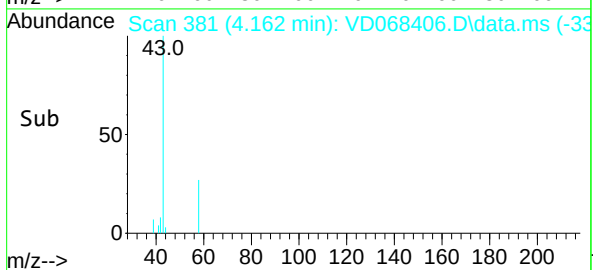
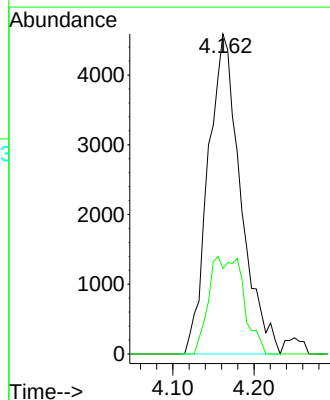
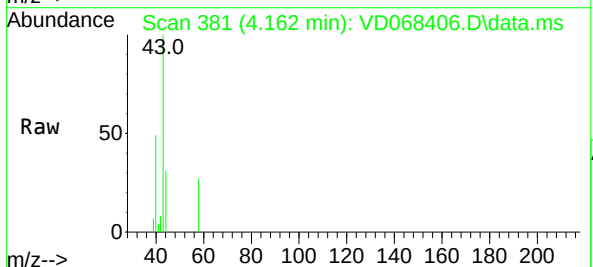
Instrument :
MSVOA_D
ClientSampled :
TP-7

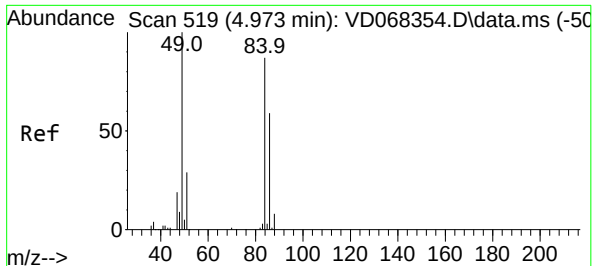
Tgt Ion:168 Resp: 389544
Ion Ratio Lower Upper
168 100
99 58.7 43.5 65.3



#16
Acetone
Concen: 20.73 ug/l
RT: 4.162 min Scan# 381
Delta R.T. -0.000 min
Lab File: VD068406.D
Acq: 19 Feb 2021 17:54

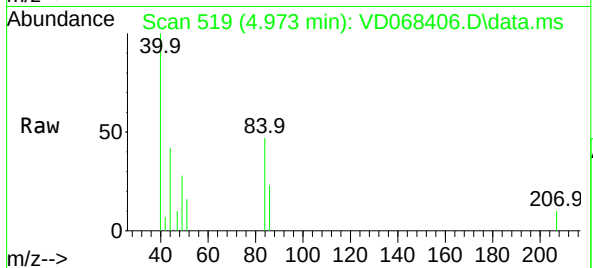
Tgt Ion: 43 Resp: 12735
Ion Ratio Lower Upper
43 100
58 26.8 24.2 36.4



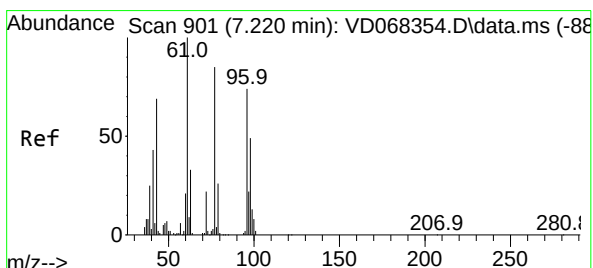
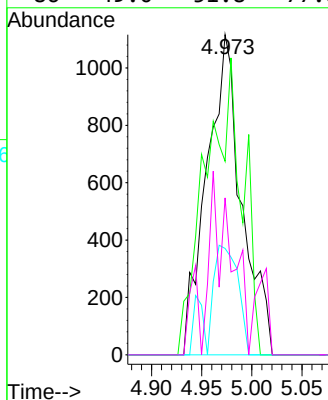
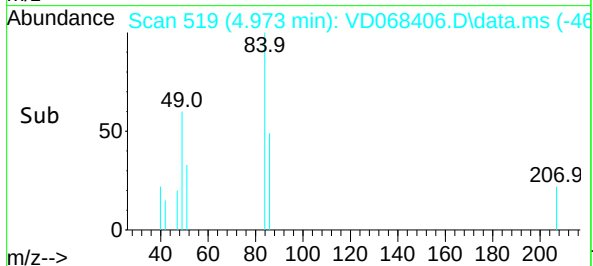


#20
Methylene Chloride
Concen: Below Cal
RT: 4.973 min Scan# 519
Delta R.T. 0.000 min
Lab File: VD068406.D
Acq: 19 Feb 2021 17:54

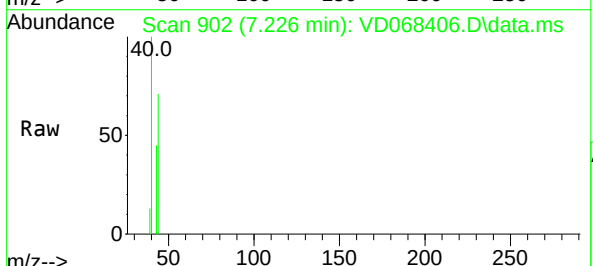
Instrument :
MSVOA_D
ClientSampleId :
TP-7



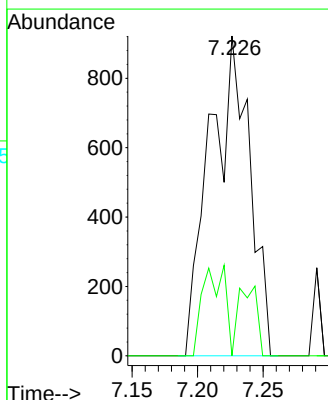
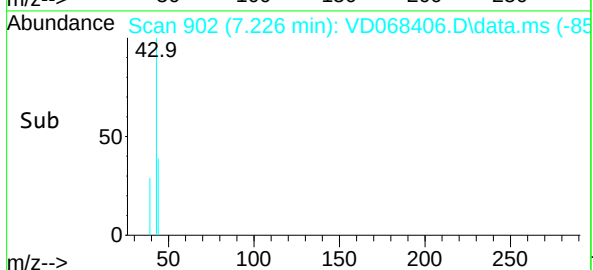
Tgt Ion:	84	Resp:	2699
Ion	Ratio	Lower	Upper
84	100		
49	60.5	77.4	116.2#
51	33.2	26.1	39.1
86	49.0	51.8	77.8#

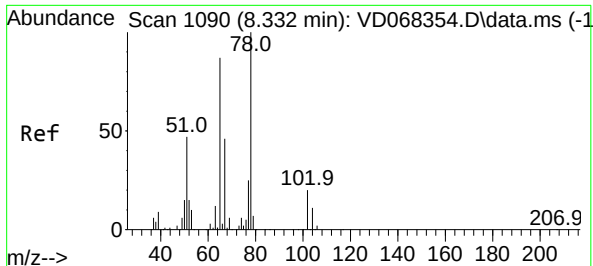


#25
2-Butanone
Concen: 2.27 ug/l
RT: 7.226 min Scan# 902
Delta R.T. 0.006 min
Lab File: VD068406.D
Acq: 19 Feb 2021 17:54



Tgt Ion:	43	Resp:	1946
Ion	Ratio	Lower	Upper
43	100		
72	0.0	25.1	37.7#

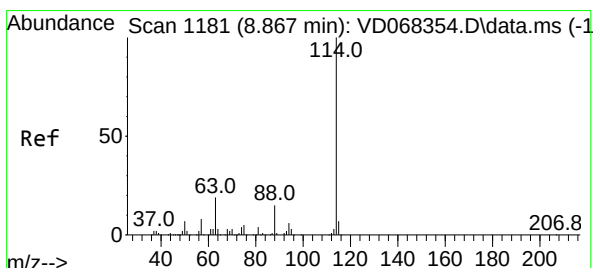
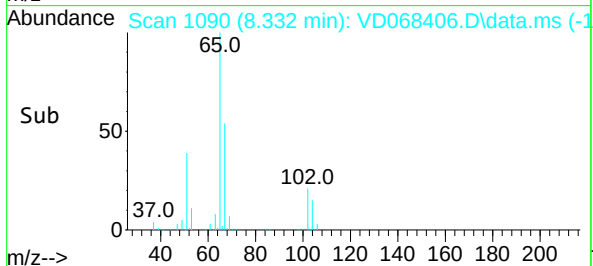
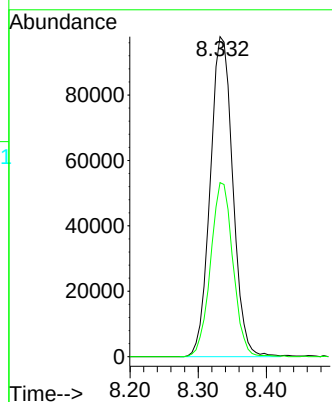
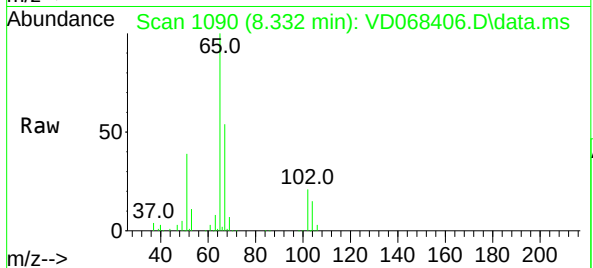




#33
1,2-Dichloroethane-d4
Concen: 56.79 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068406.D
Acq: 19 Feb 2021 17:54

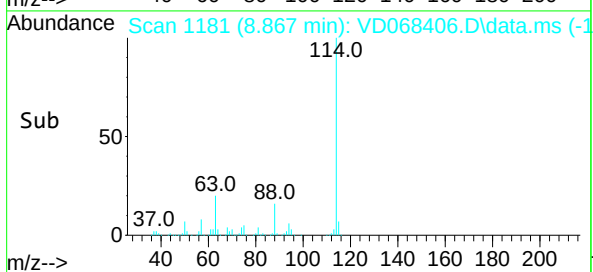
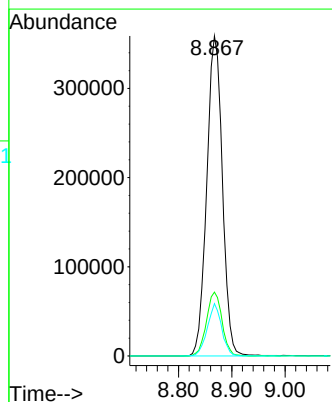
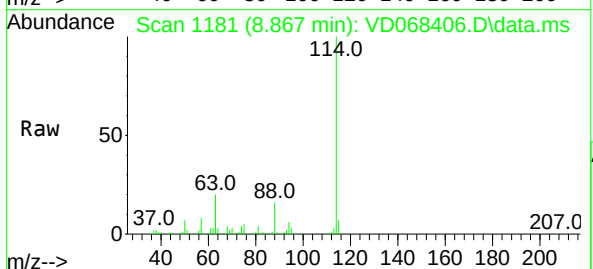
Instrument :
MSVOA_D
ClientSampled :
TP-7

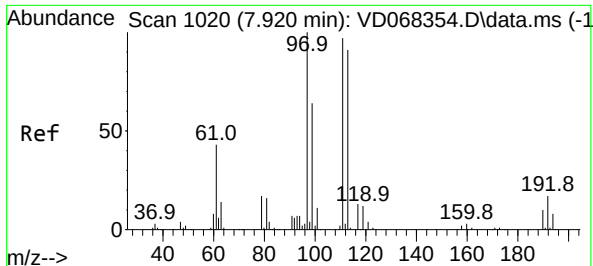
Tgt Ion: 65 Resp: 226160
Ion Ratio Lower Upper
65 100
67 53.9 0.0 105.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068406.D
Acq: 19 Feb 2021 17:54

Tgt Ion: 114 Resp: 732776
Ion Ratio Lower Upper
114 100
63 19.9 0.0 34.8
88 16.3 0.0 31.6





#35

Dibromofluoromethane

Concen: 51.62 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VD068406.D

Acq: 19 Feb 2021 17:54

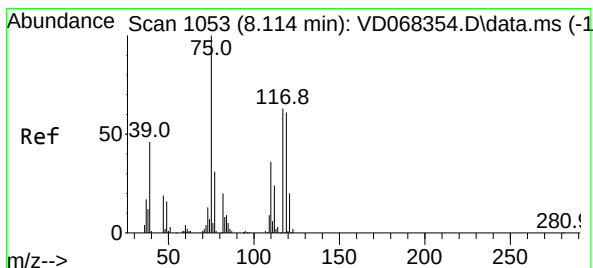
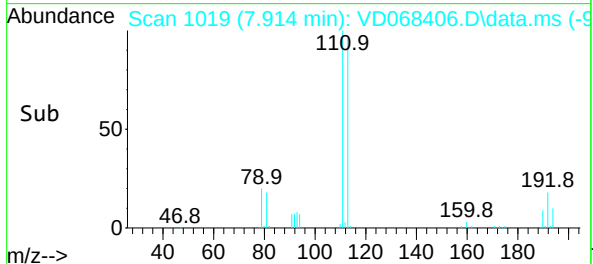
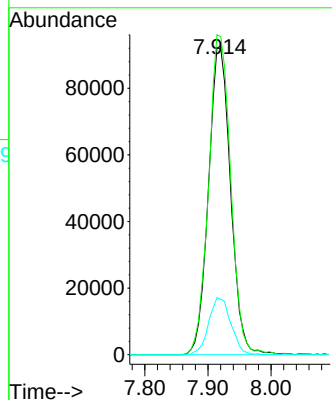
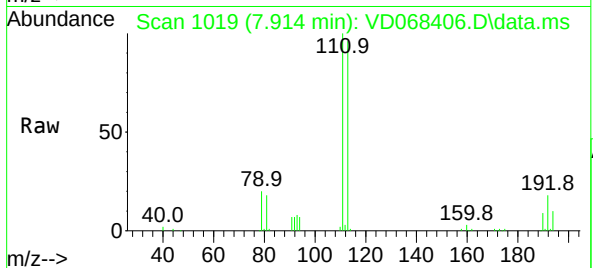
Tgt Ion:113 Resp: 224521

Ion Ratio Lower Upper

113 100

111 104.5 81.4 122.0

192 18.6 16.1 24.1



#36

1,1-Dichloropropene

Concen: 4.86 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.135 min

Lab File: VD068406.D

Acq: 19 Feb 2021 17:54

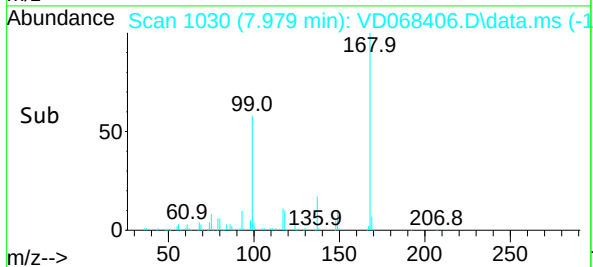
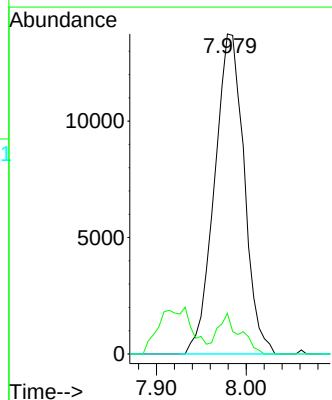
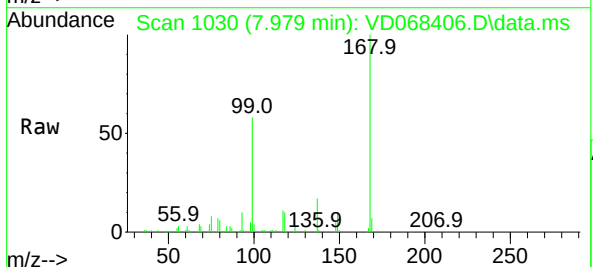
Tgt Ion: 75 Resp: 31497

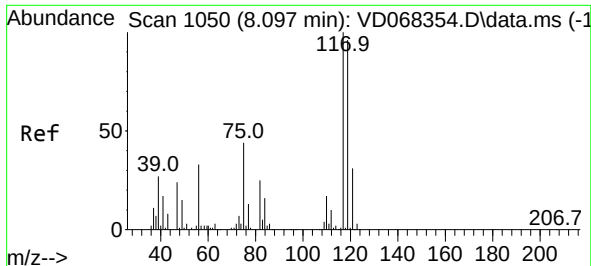
Ion Ratio Lower Upper

75 100

110 9.6 19.4 58.2#

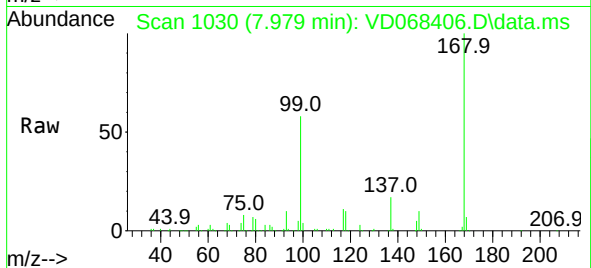
77 0.0 25.3 37.9#



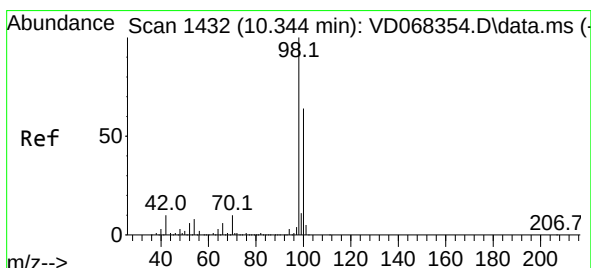
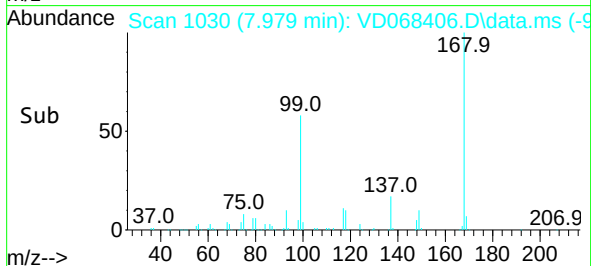
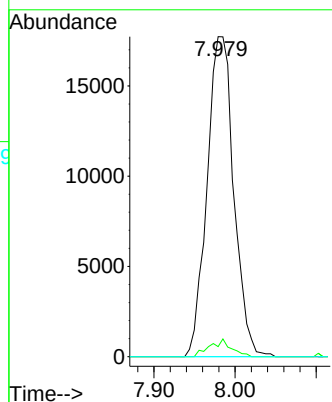


#38
Carbon Tetrachloride
Concen: 6.57 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD068406.D
Acq: 19 Feb 2021 17:54

Instrument :
MSVOA_D
ClientSampled :
TP-7

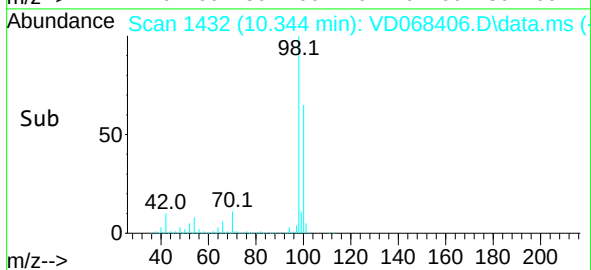
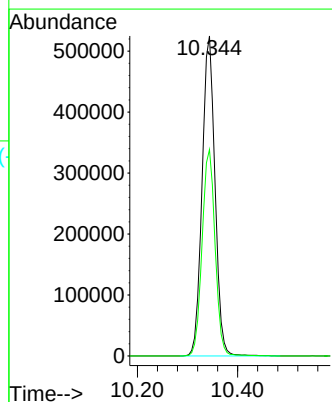
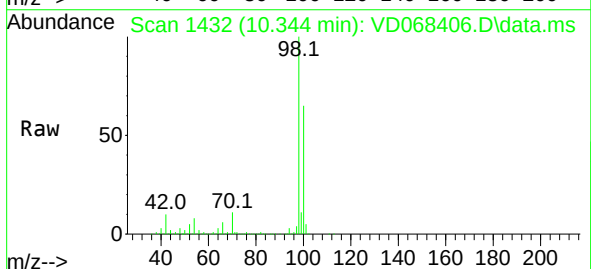


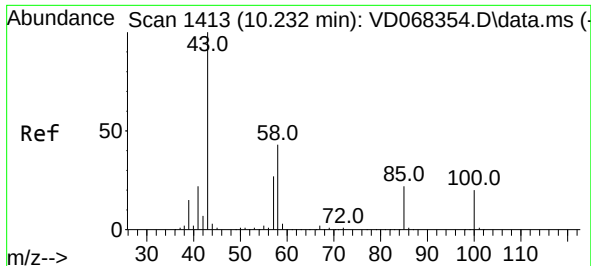
Tgt Ion:117 Resp: 40657
Ion Ratio Lower Upper
117 100
119 3.2 77.3 115.9#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 51.95 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. -0.000 min
Lab File: VD068406.D
Acq: 19 Feb 2021 17:54

Tgt Ion: 98 Resp: 936505
Ion Ratio Lower Upper
98 100
100 65.1 53.0 79.4

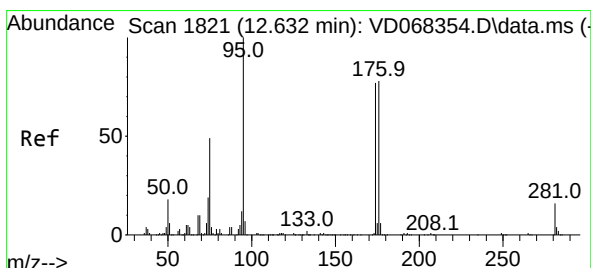
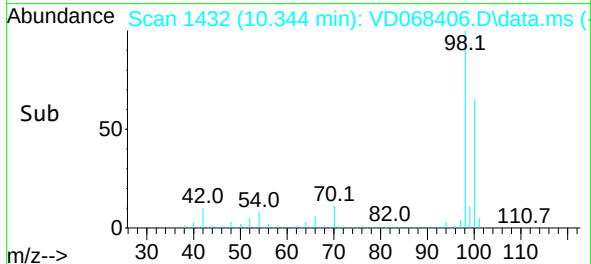
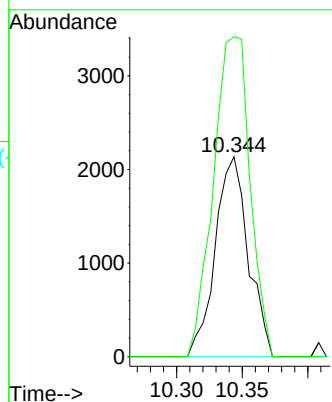
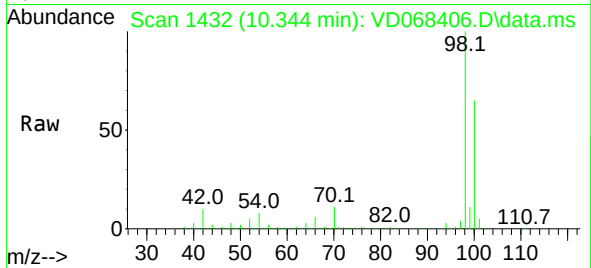




#51
4-Methyl-2-Pentanone
Concen: 1.74 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.112 min
Lab File: VD068406.D
Acq: 19 Feb 2021 17:54

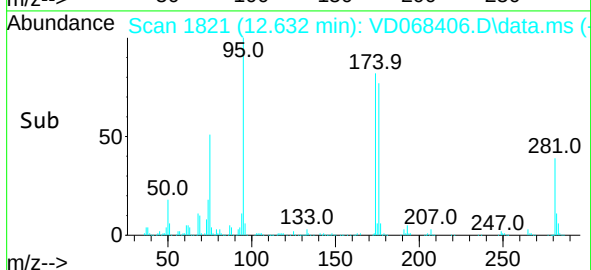
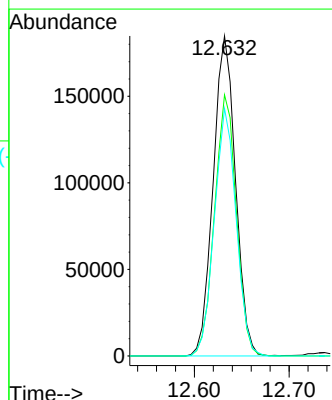
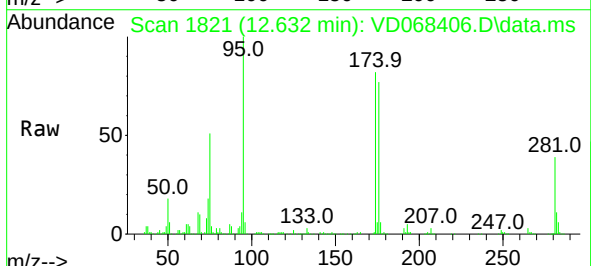
Instrument :
MSVOA_D
ClientSampled :
TP-7

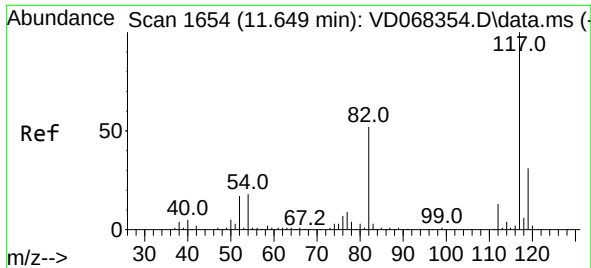
Tgt Ion: 43 Resp: 3738
Ion Ratio Lower Upper
43 100
58 178.0 36.1 54.1#



#62
4-Bromofluorobenzene
Concen: 51.50 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD068406.D
Acq: 19 Feb 2021 17:54

Tgt Ion: 95 Resp: 302416
Ion Ratio Lower Upper
95 100
174 79.9 0.0 172.4
176 75.7 0.0 168.4

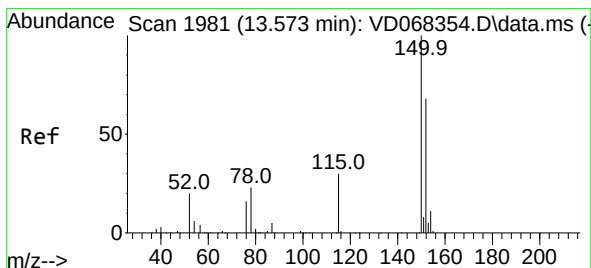
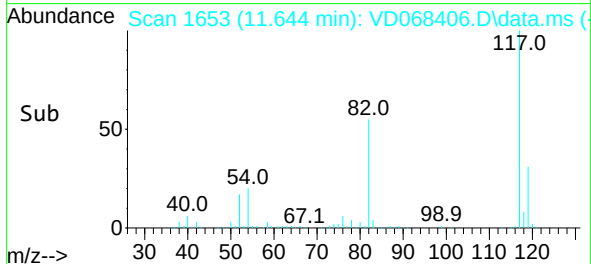
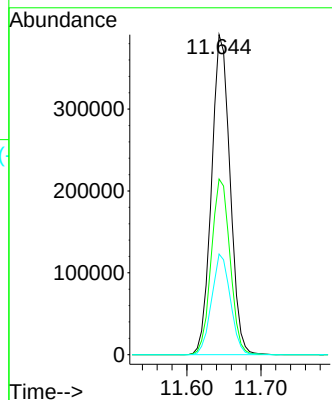
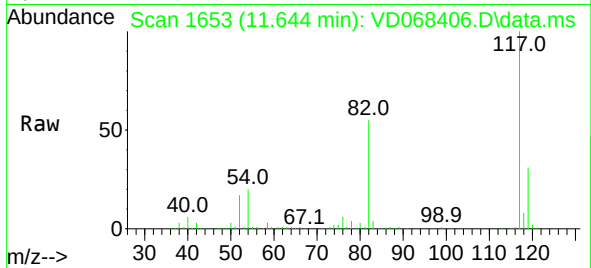




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. -0.006 min
Lab File: VD068406.D
Acq: 19 Feb 2021 17:54

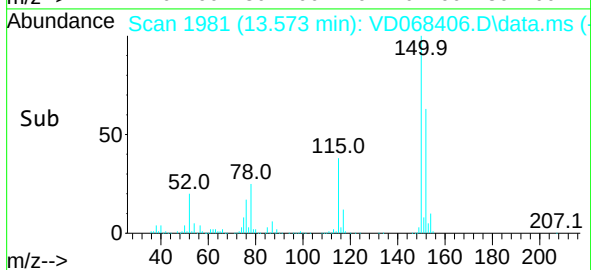
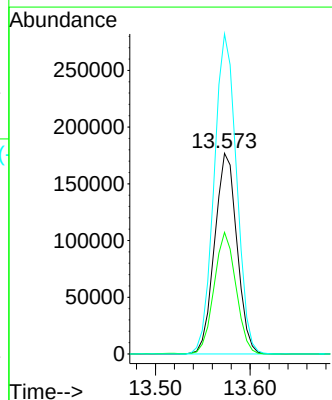
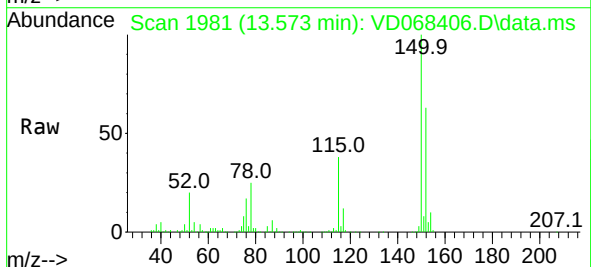
Instrument :
MSVOA_D
ClientSampled :
TP-7

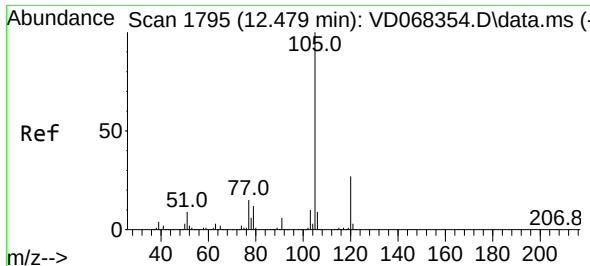
Tgt Ion:117 Resp: 678575
Ion Ratio Lower Upper
117 100
82 54.9 41.4 62.0
119 31.5 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068406.D
Acq: 19 Feb 2021 17:54

Tgt Ion:152 Resp: 290000
Ion Ratio Lower Upper
152 100
115 59.4 28.9 86.8
150 160.5 0.0 344.4

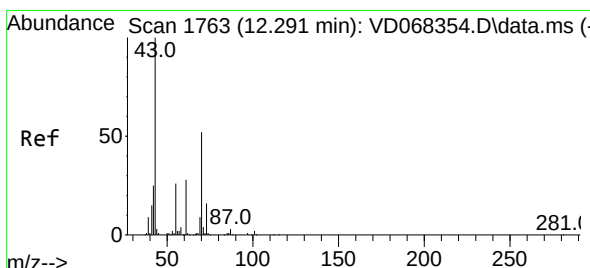
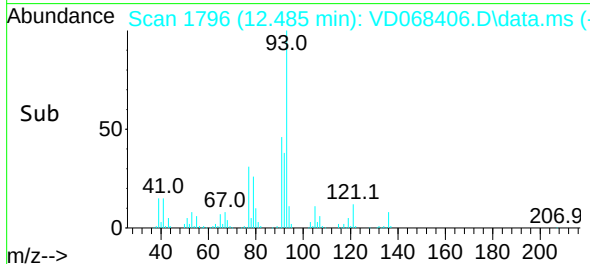
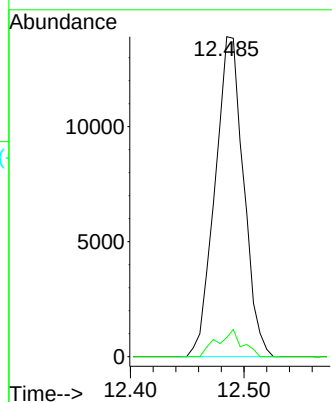
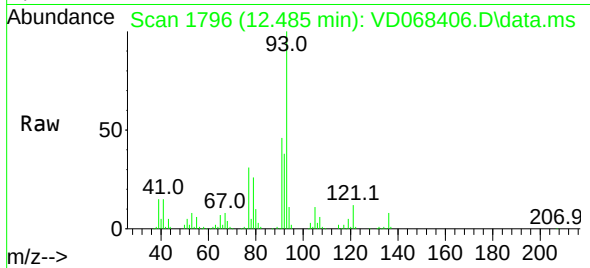




#73
Isopropylbenzene
Concen: 1.15 ug/l
RT: 12.485 min Scan# 1796
Delta R.T. 0.006 min
Lab File: VD068406.D
Acq: 19 Feb 2021 17:54

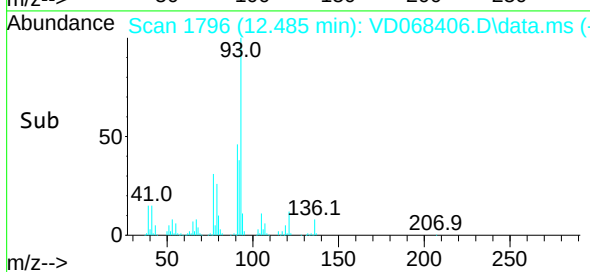
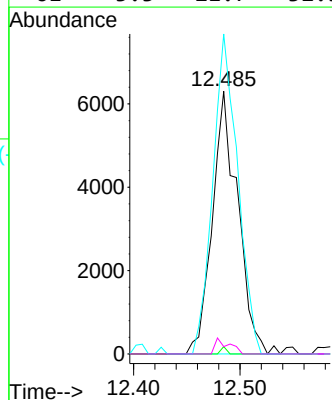
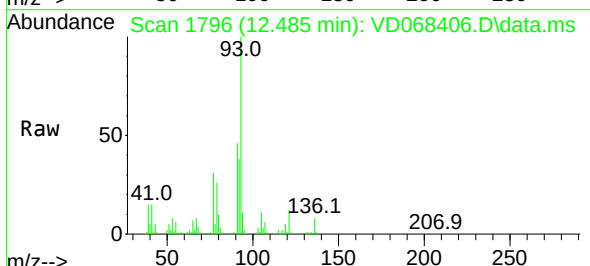
Instrument :
MSVOA_D
ClientSampled :
TP-7

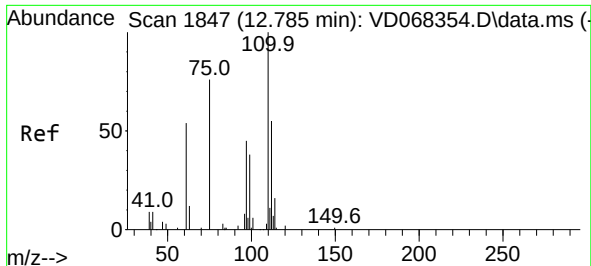
Tgt Ion:105 Resp: 24281
Ion Ratio Lower Upper
105 100
120 7.3 13.2 39.6#



#74
N-ethyl acetate
Concen: 2.80 ug/l
RT: 12.485 min Scan# 1796
Delta R.T. 0.194 min
Lab File: VD068406.D
Acq: 19 Feb 2021 17:54

Tgt Ion: 43 Resp: 10456
Ion Ratio Lower Upper
43 100
70 0.6 41.8 62.8#
55 119.6 24.2 36.4#
61 3.3 21.7 32.5#

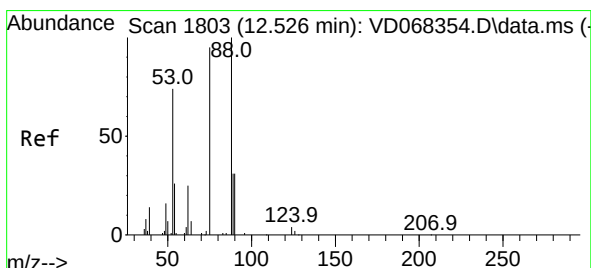
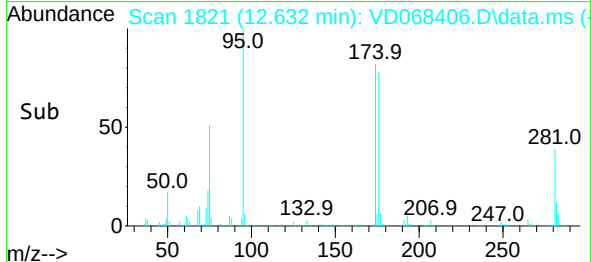
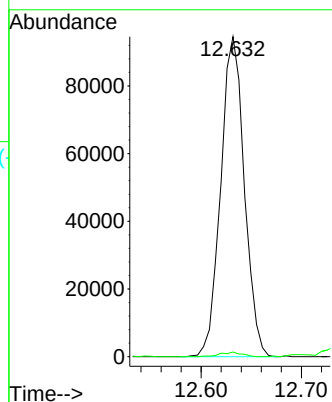
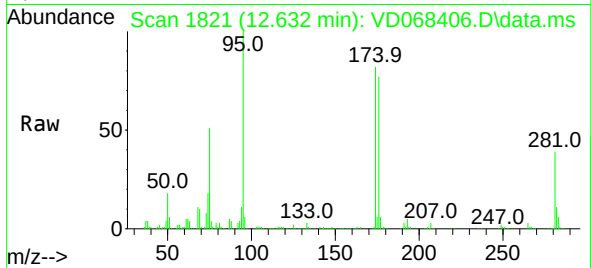




#76
1,2,3-Trichloropropane
Concen: 55.93 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD068406.D
Acq: 19 Feb 2021 17:54

Instrument :
MSVOA_D
ClientSampled :
TP-7

Tgt Ion: 75 Resp: 154353
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 140.20 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068406.D
Acq: 19 Feb 2021 17:54

Tgt Ion: 75 Resp: 154353
Ion Ratio Lower Upper
75 100
53 0.0 70.2 105.2#
89 0.4 40.3 60.5#

