

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV040319\
 Data File : VV010091.D
 Acq On : 03 Apr 2019 14:34
 Operator : SY/MD
 Sample : K2215-05
 Misc : 5.35G/10mL/MSVOA_V/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF2M6

Quant Time: Apr 04 06:05:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 04 06:01:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	215602	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	205772	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	92749	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	52183	18.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.32%
7) Chloroethane-d5	1.57	69	52480	14.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	58.56%
10) 1,1-Dichloroethene-d2	2.13	63	110951	15.24	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.96%
20) 2-Butanone-d5	3.95	46	32283	39.31	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.62%
24) Chloroform-d	4.40	84	119286	21.96	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.84%
26) 1,2-Dichloroethane-d4	5.08	65	72418	23.83	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.32%
29) Benzene-d6	5.10	84	241910	22.67	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.68%
33) 1,2-Dichloropropane-d6	6.12	67	71683	22.76	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.04%
37) Toluene-d8	7.36	98	220456	21.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.76%
38) trans-1,3-Dichloropropene-	7.67	79	24460	18.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	72.68%
39) 2-Hexanone-d5	8.14	63	24536	38.85	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.70%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	67329	21.68	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.72%
61) 1,2-Dichlorobenzene-d4	11.68	152	85152	23.57	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.28%

Target Compounds

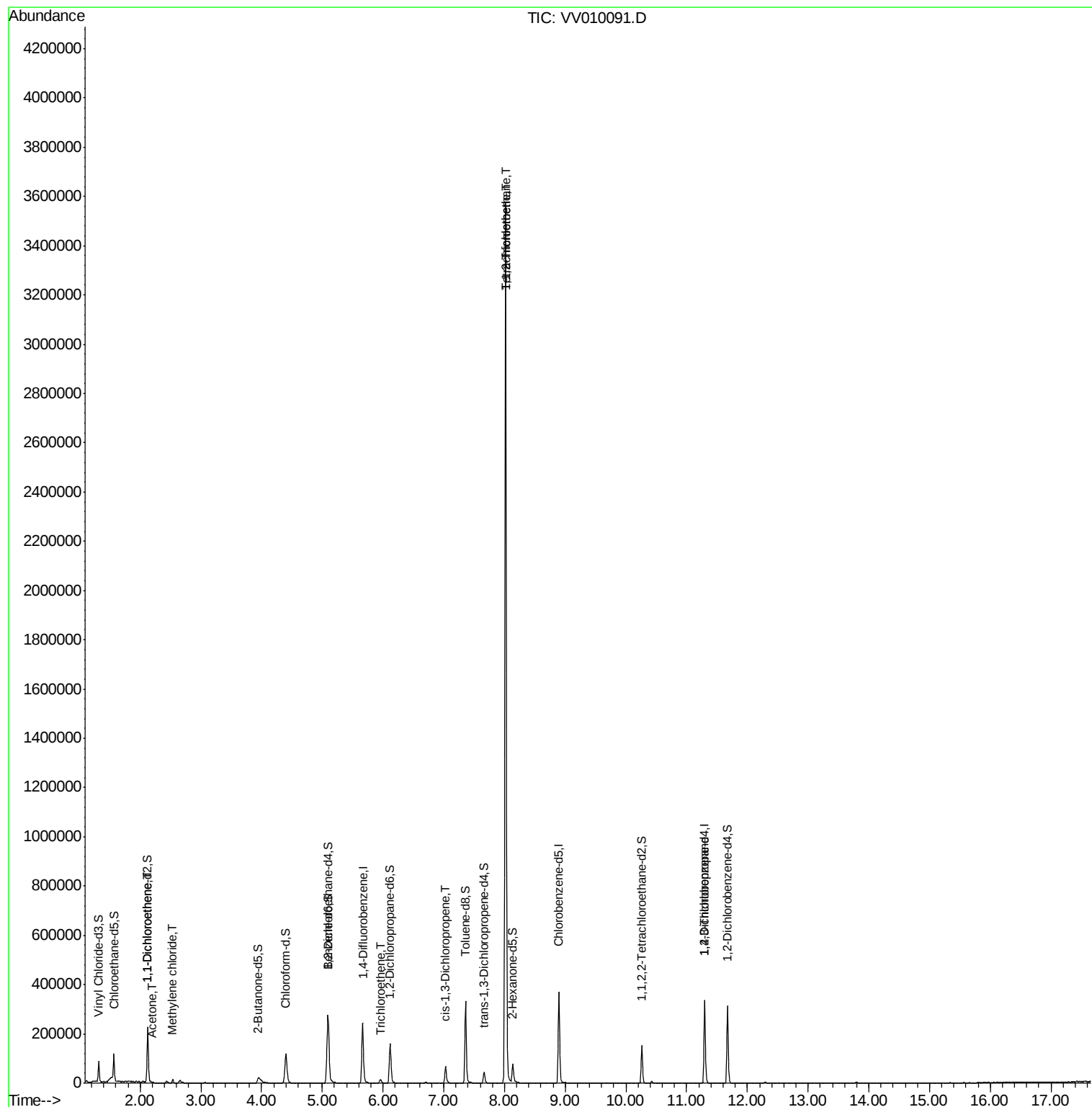
					Qvalue
12) 1,1-Dichloroethene	2.14	96	3656	1.240 ug/L #	1
13) Acetone	2.20	43	1229	1.513 ug/L	92
16) Methylene chloride	2.54	84	5258	1.388 ug/L	98
35) Trichloroethene	5.96	95	1770	0.611 ug/L #	1
42) cis-1,3-Dichloropropene	7.03	75	2188	0.595 ug/L	83
46) 1,1,2-Trichloroethane	8.02	97	6223	2.760 ug/L #	2
47) Tetrachloroethene	8.02	164	745337	307.436 ug/L	97
59) 1,2,3-Trichloropropane	11.30	75	11703	5.636 ug/L	96

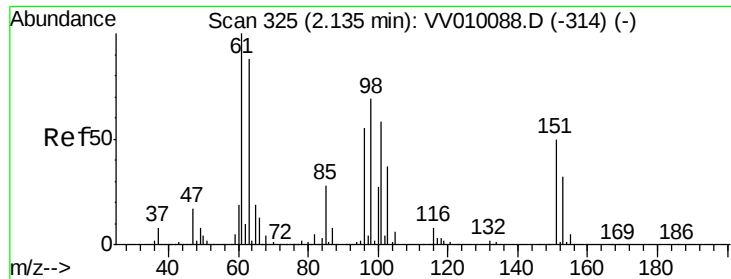
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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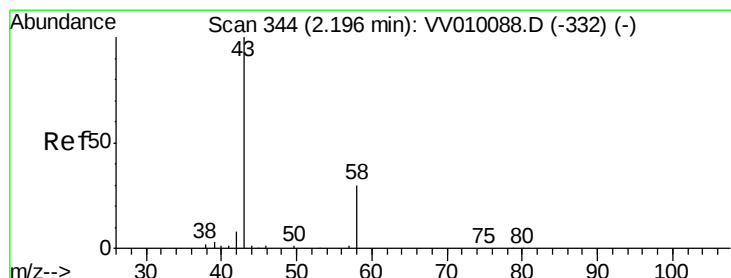
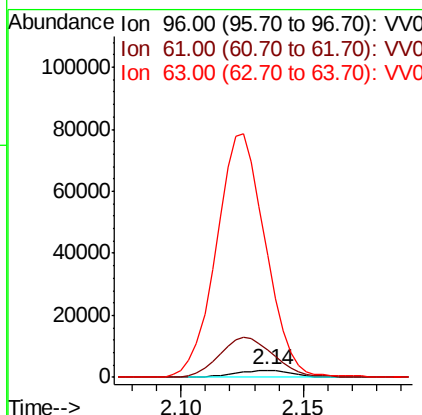
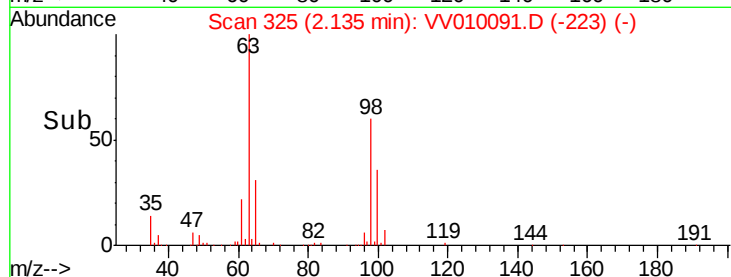
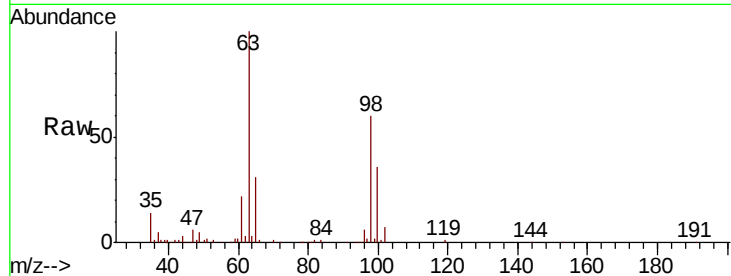




#12
 1,1-Dichloroethene
 Concen: 1.240 ug/L
 RT: 2.14 min Scan# 325
 Delta R.T. -0.00 min
 Lab File: VV010091.D
 Acq: 03 Apr 2019 14:34

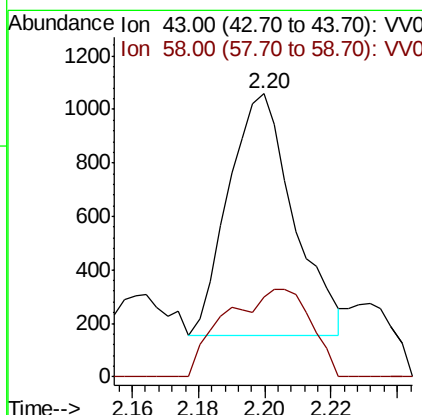
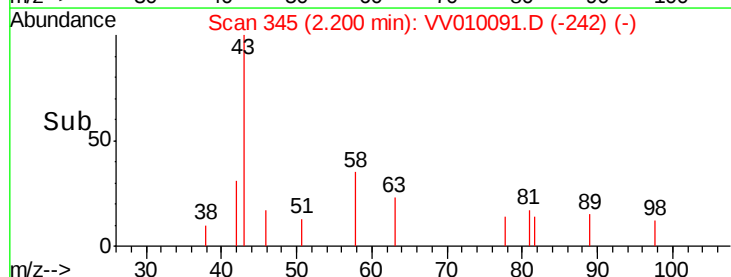
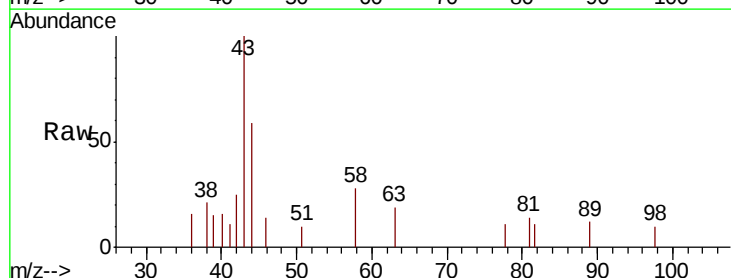
Instrument :
 MSVOA_V
 ClientSampleId :
 BF2M6

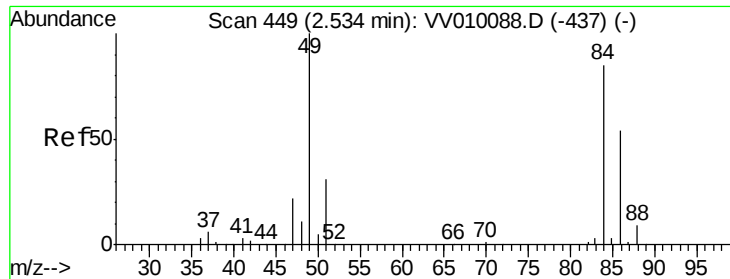
Tgt Ion: 96 Resp: 3656
 Ion Ratio Lower Upper
 96 100
 61 385.1 127.8 237.4#
 63 1731.0 112.6 209.2#



#13
 Acetone
 Concen: 1.513 ug/L
 RT: 2.20 min Scan# 345
 Delta R.T. -0.00 min
 Lab File: VV010091.D
 Acq: 03 Apr 2019 14:34

Tgt Ion: 43 Resp: 1229
 Ion Ratio Lower Upper
 43 100
 58 27.8 0.0 64.6

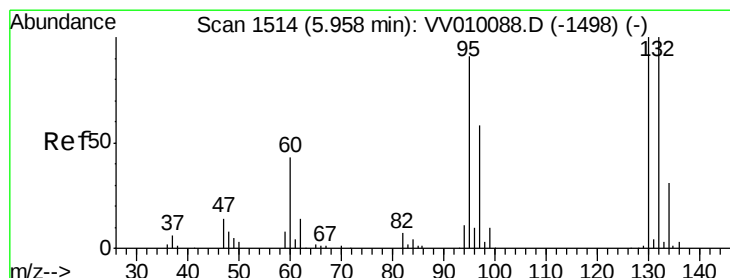
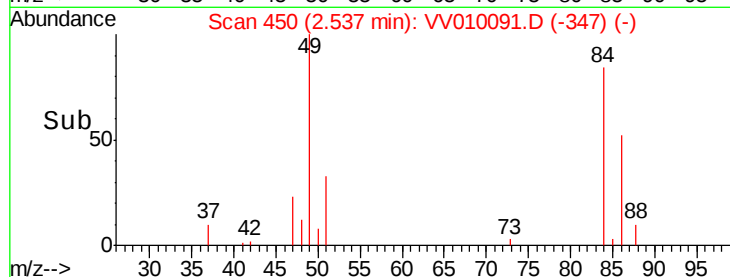
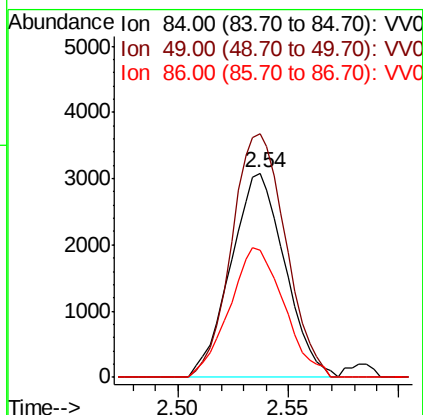
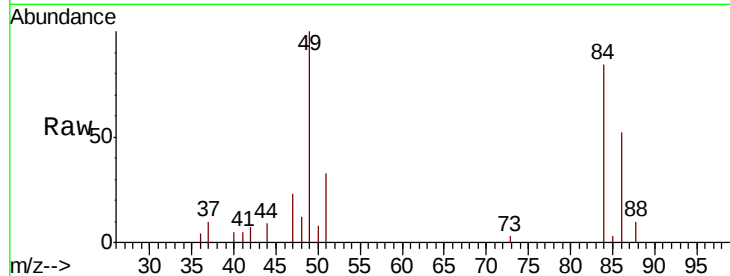




#16
Methylene chloride
Concen: 1.388 ug/L
RT: 2.54 min Scan# 450
Delta R.T. -0.00 min
Lab File: VV010091.D
Acq: 03 Apr 2019 14:34

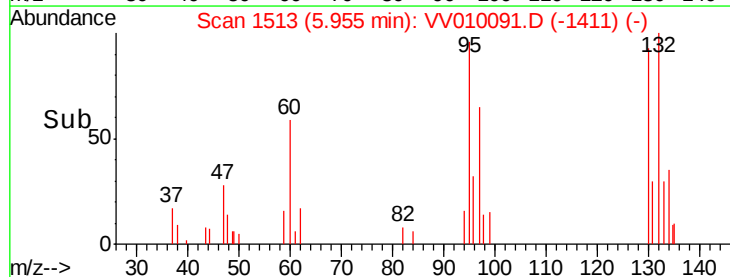
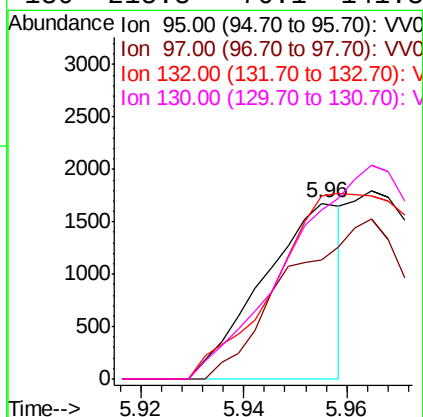
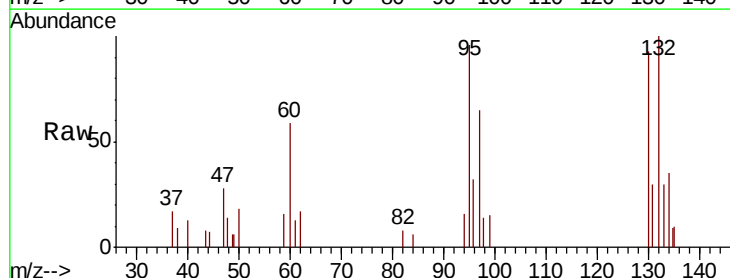
Instrument :
MSVOA_V
ClientSampleID :
BF2M6

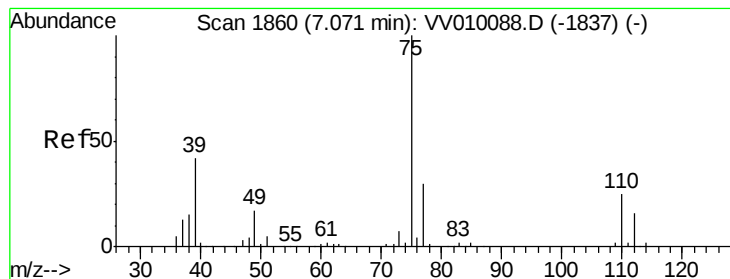
Tgt Ion: 84 Resp: 5258
Ion Ratio Lower Upper
84 100
49 119.1 84.3 156.5
86 61.9 45.4 84.2



#35
Trichloroethene
Concen: 0.611 ug/L
RT: 5.96 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VV010091.D
Acq: 03 Apr 2019 14:34

Tgt Ion: 95 Resp: 1770
Ion Ratio Lower Upper
95 100
97 150.2 45.8 85.2#
132 207.2 70.6 131.0#
130 215.8 76.1 141.3#



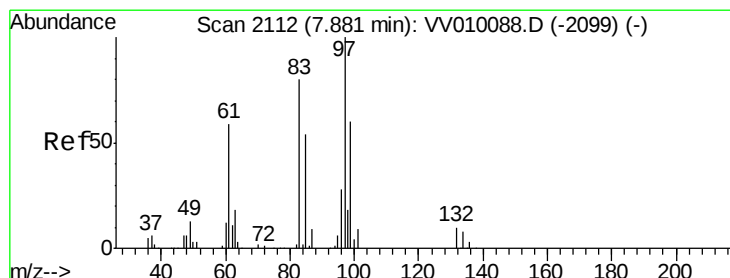
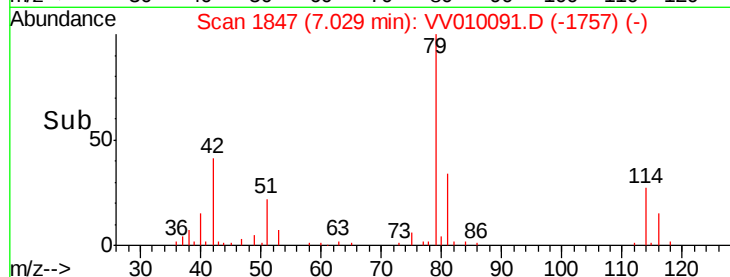
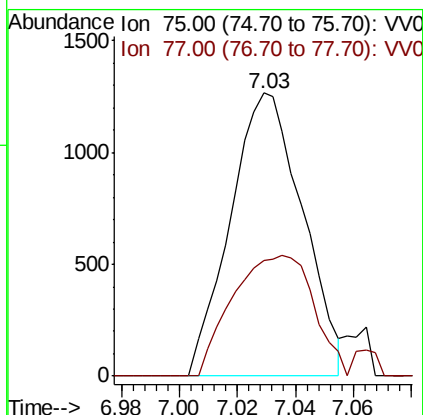
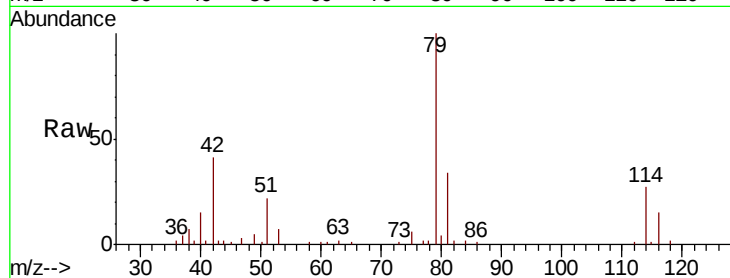


#42

cis-1,3-Dichloropropene
Concen: 0.595 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
Lab File: VV010091.D
Acq: 03 Apr 2019 14:34

Instrument :
MSVOA_V
ClientSampled :
BF2M6

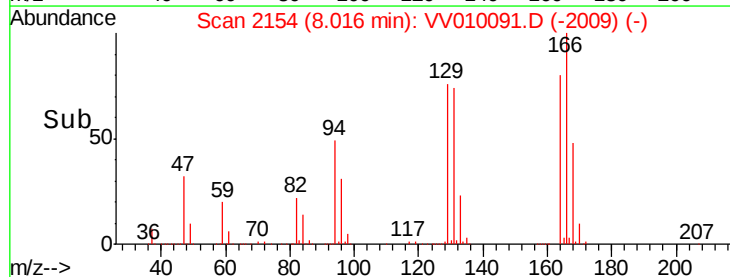
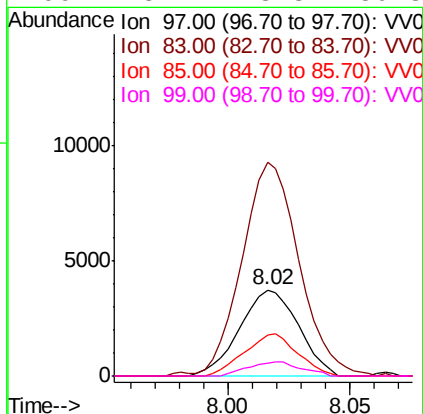
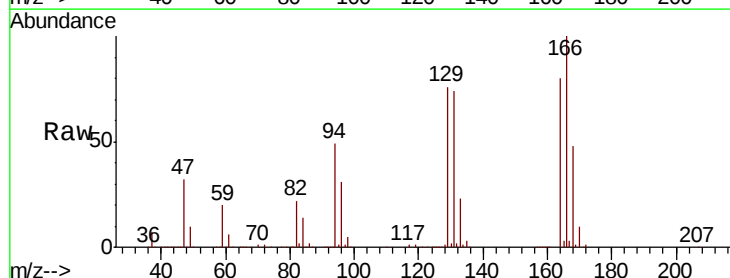
Tgt Ion: 75 Resp: 2188
Ion Ratio Lower Upper
75 100
77 40.8 22.1 41.1

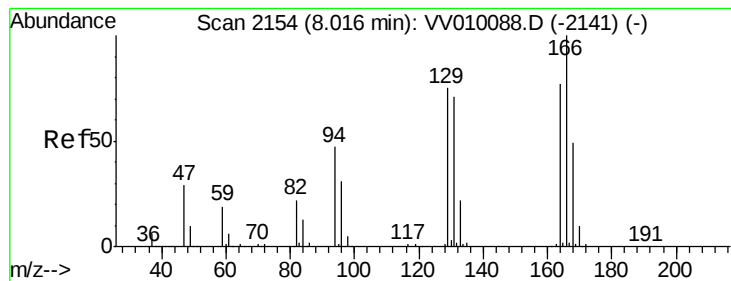


#46

1,1,2-Trichloroethane
Concen: 2.760 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. 0.13 min
Lab File: VV010091.D
Acq: 03 Apr 2019 14:34

Tgt Ion: 97 Resp: 6223
Ion Ratio Lower Upper
97 100
83 247.2 58.5 108.7#
85 46.8 37.2 69.2
99 15.1 43.3 80.3#





#47

Tetrachloroethene

Concen: 307.436 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. -0.00 min

Lab File: VV010091.D

Acq: 03 Apr 2019 14:34

Instrument :

MSVOA_V

ClientSampled :

BF2M6

Tgt Ion:164 Resp: 745337

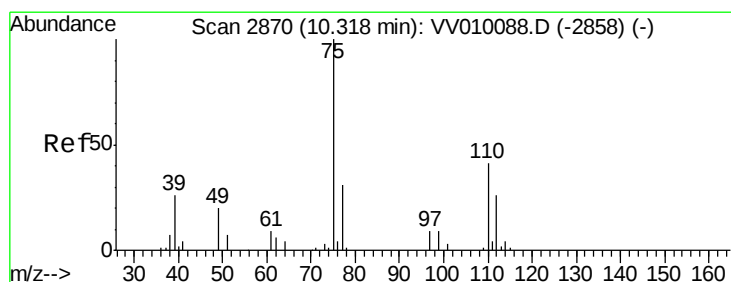
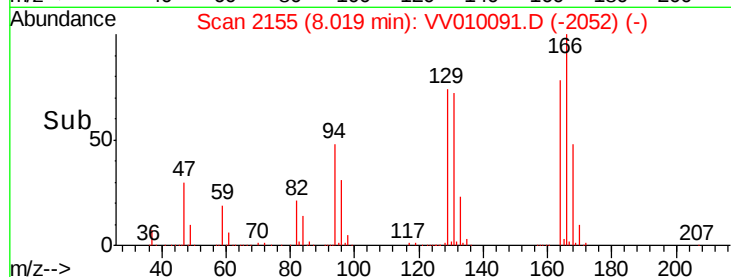
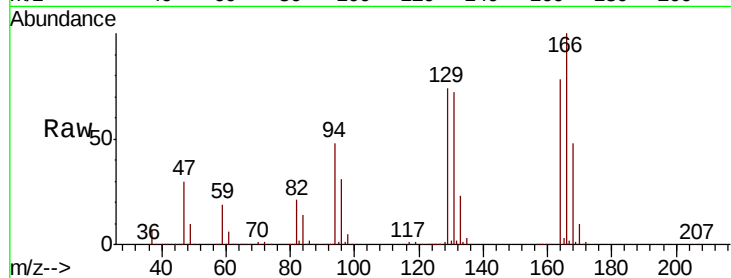
Ion Ratio Lower Upper

164 100

129 94.8 67.8 125.8

131 92.1 65.2 121.0

166 127.4 93.8 174.2



#59

1,2,3-Trichloropropane

Concen: 5.636 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.98 min

Lab File: VV010091.D

Acq: 03 Apr 2019 14:34

Tgt Ion: 75 Resp: 11703

Ion Ratio Lower Upper

75 100

77 34.5 25.8 38.8

