

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060619\
 Data File : VV011316.D
 Acq On : 08 Jun 2019 05:47
 Operator : SY/MD
 Sample : K3228-18
 Misc : 25ML/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9P62

Quant Time: Jun 10 06:53:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Jun 10 06:50:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	160598	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	145468	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	61352	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	41512	3.41	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.20%
7) Chloroethane-d5	1.58	69	37338	3.69	ug/L	0.03
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.80%
11) 1,1-Dichloroethene-d2	2.12	63	71101	2.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.40%#
20) 2-Butanone-d5	3.97	46	135205	49.35	ug/L	0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.70%
24) Chloroform-d	4.40	84	90099	4.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.20%
26) 1,2-Dichloroethane-d4	5.08	65	52356	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.40%
32) Benzene-d6	5.09	84	181836	4.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.60%
36) 1,2-Dichloropropane-d6	6.12	67	57591	4.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.00%
41) Toluene-d8	7.36	98	155467	3.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.80%
43) trans-1,3-Dichloropropene-	7.66	79	14374	2.81	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	56.20%
46) 2-Hexanone-d5	8.14	63	105696	48.96	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.92%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	40431	4.42	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	52085	4.30	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.00%

Target Compounds

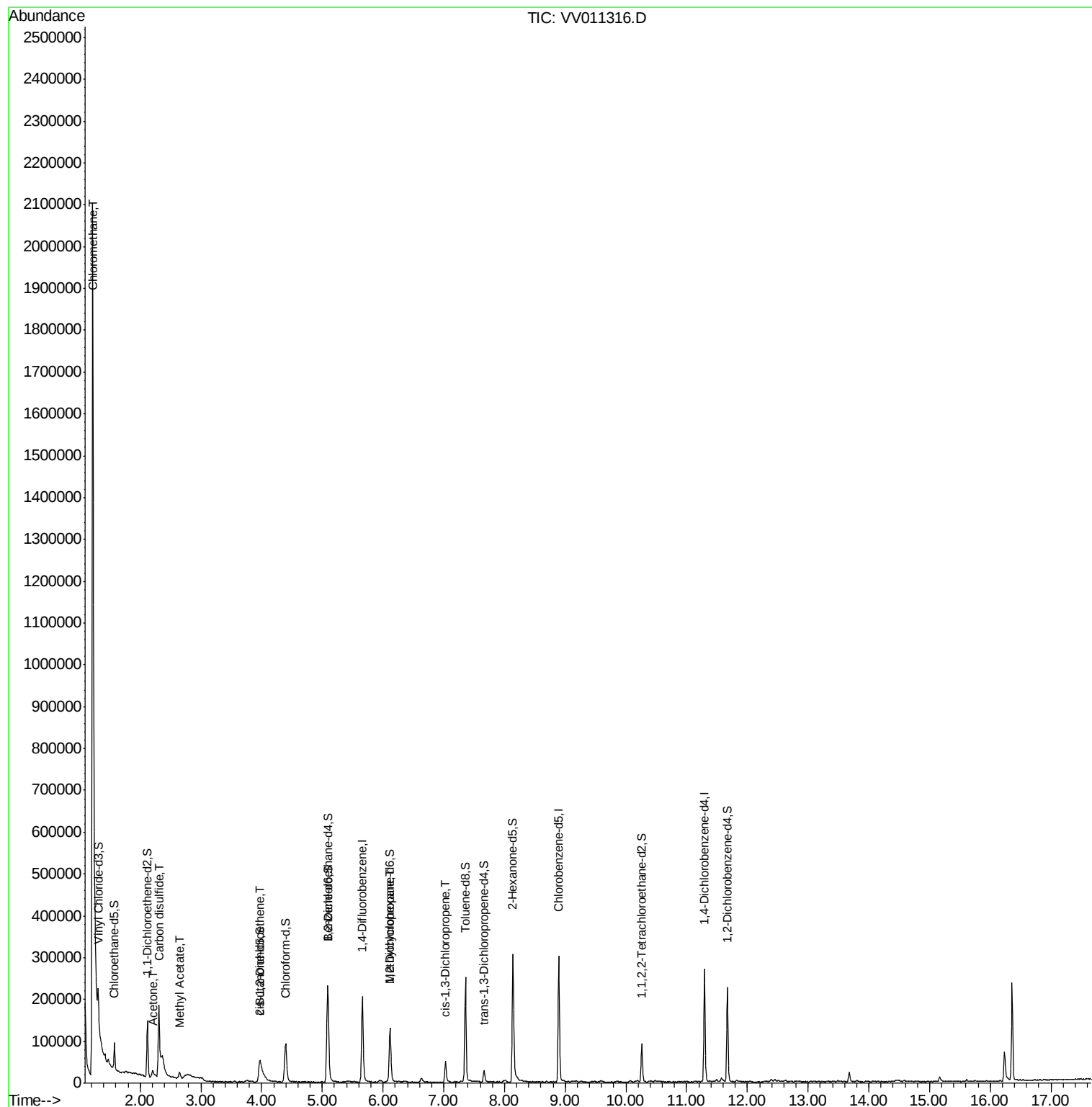
					Qvalue
3) Chloromethane	1.22	50	71629	4.677 ug/L #	45
13) Acetone	2.22	43	10331	5.624 ug/L	69
14) Carbon disulfide	2.31	76	213332	6.950 ug/L	100
15) Methyl Acetate	2.65	43	1306	0.268 ug/L #	83
22) cis-1,2-Dichloroethene	3.96	96	2906	0.232 ug/L	78
35) Methylcyclohexane	6.12	83	14108	0.713 ug/L #	16
39) cis-1,3-Dichloropropene	7.03	75	1361	0.081 ug/L #	50

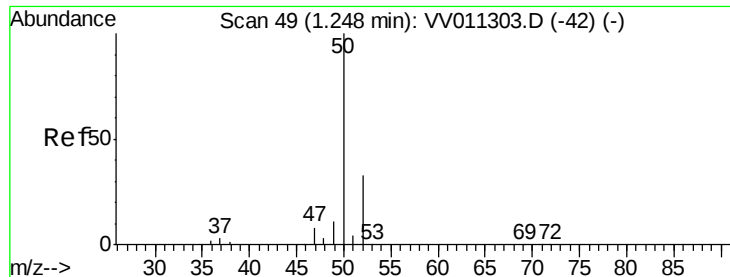
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 4.677 ug/L

RT: 1.22 min Scan# 40

Delta R.T. -0.03 min

Lab File: VV011316.D

Acq: 08 Jun 2019 05:47

Instrument :

MSVOA_V

ClientSampleId :

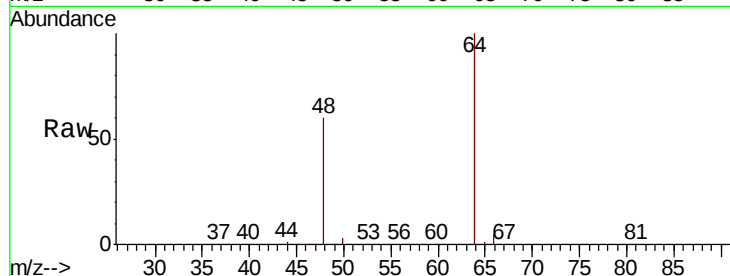
F9P62

Tgt Ion: 50 Resp: 71629

Ion Ratio Lower Upper

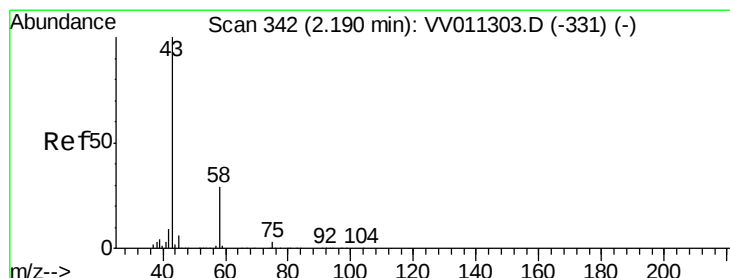
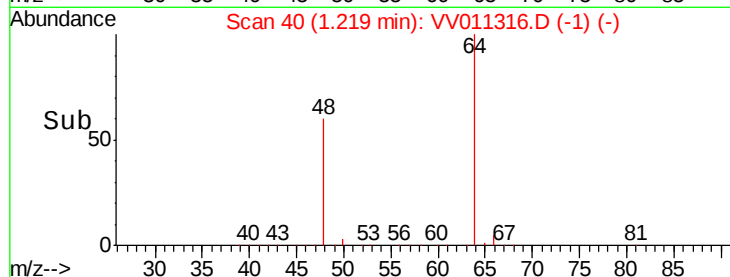
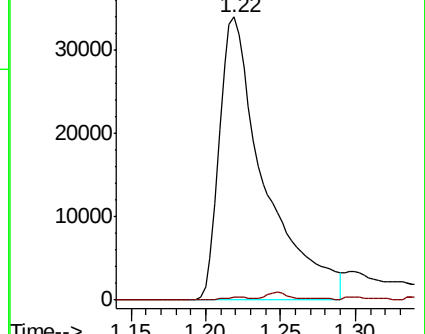
50 100

52 1.0 22.3 41.5#



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0



#13

Acetone

Concen: 5.624 ug/L

RT: 2.22 min Scan# 351

Delta R.T. 0.03 min

Lab File: VV011316.D

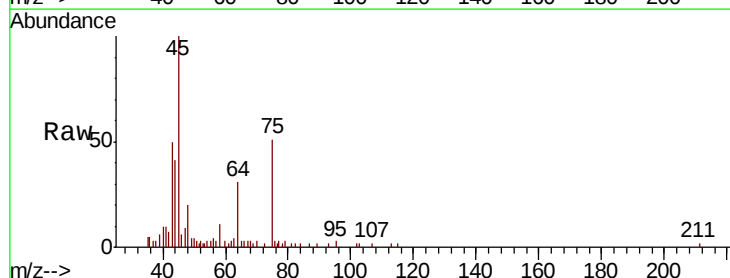
Acq: 08 Jun 2019 05:47

Tgt Ion: 43 Resp: 10331

Ion Ratio Lower Upper

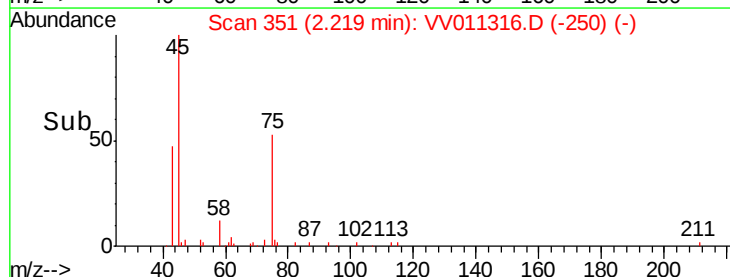
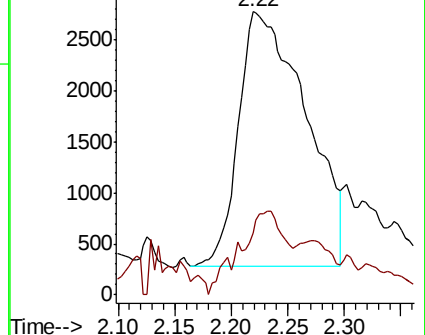
43 100

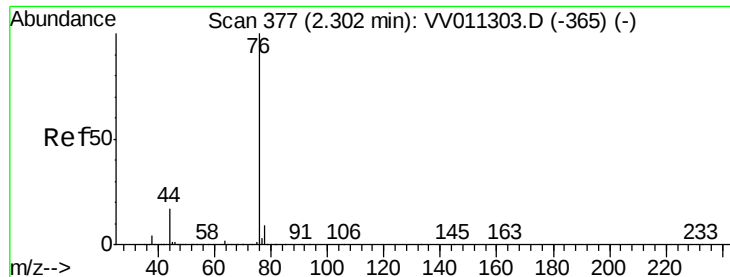
58 11.3 0.0 55.2



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

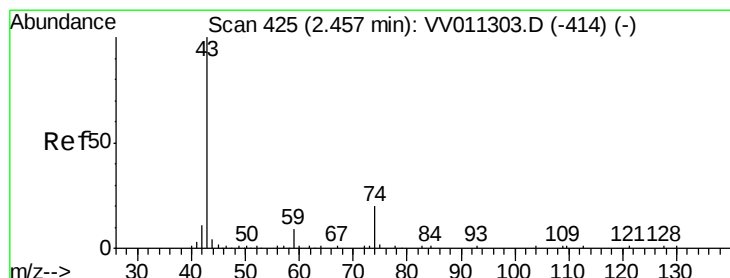
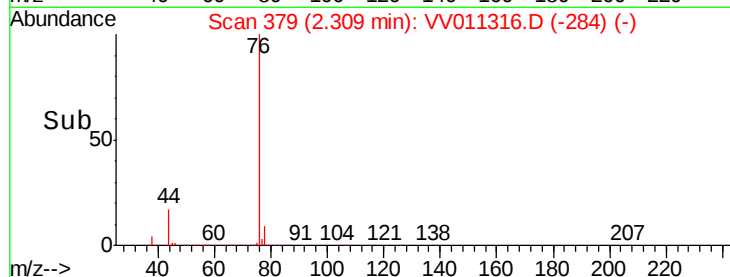
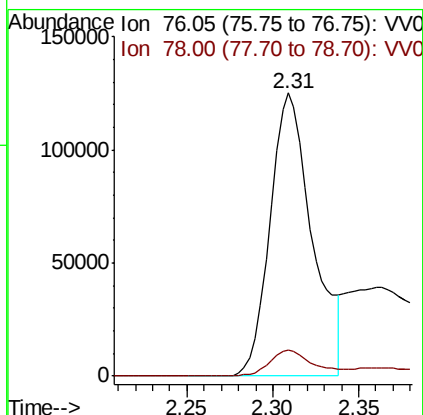
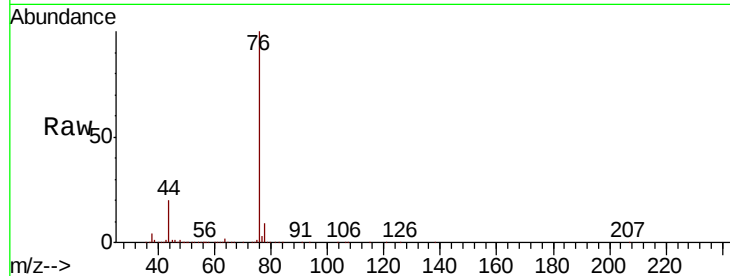




#14
Carbon disulfide
Concen: 6.950 ug/L
RT: 2.31 min Scan# 379
Delta R.T. 0.01 min
Lab File: VV011316.D
Acq: 08 Jun 2019 05:47

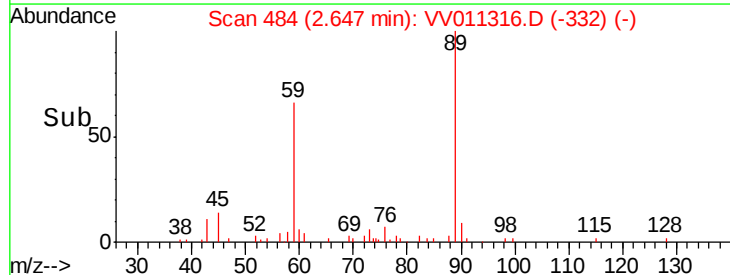
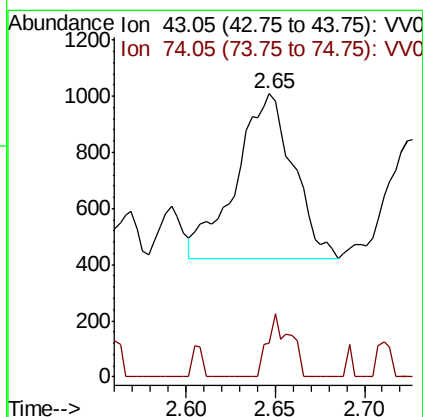
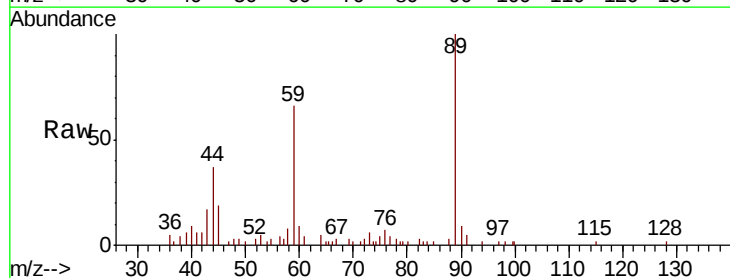
Instrument :
MSVOA_V
ClientSampled :
F9P62

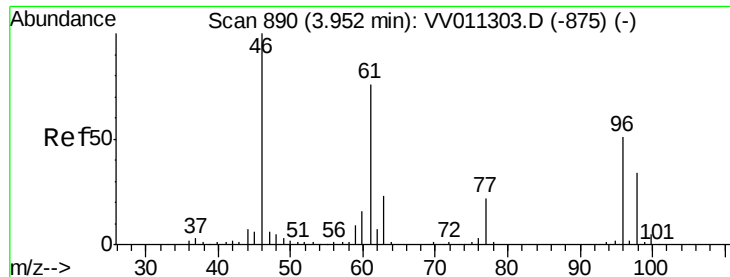
Tgt Ion: 76 Resp: 21332
Ion Ratio Lower Upper
76 100
78 9.3 7.3 10.9



#15
Methyl Acetate
Concen: 0.268 ug/L
RT: 2.65 min Scan# 484
Delta R.T. 0.19 min
Lab File: VV011316.D
Acq: 08 Jun 2019 05:47

Tgt Ion: 43 Resp: 1306
Ion Ratio Lower Upper
43 100
74 15.0 18.5 27.7#



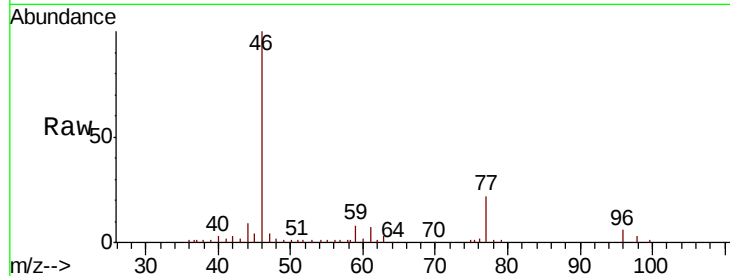


#22

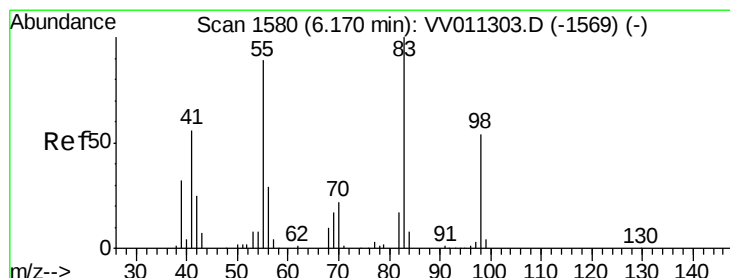
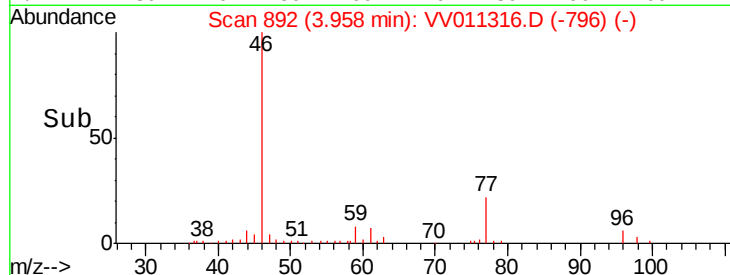
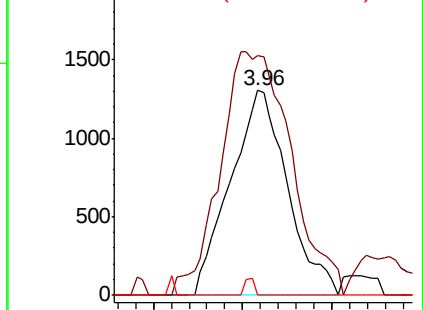
cis-1,2-Dichloroethene
 Concen: 0.232 ug/L
 RT: 3.96 min Scan# 892
 Delta R.T. 0.01 min
 Lab File: VV011316.D
 Acq: 08 Jun 2019 05:47

Instrument :
 MSVOA_V
 ClientSampleId :
 F9P62

Tgt Ion: 96 Resp: 2906
 Ion Ratio Lower Upper
 96 100
 61 116.7 100.8 187.2
 68 0.0 0.0 0.0



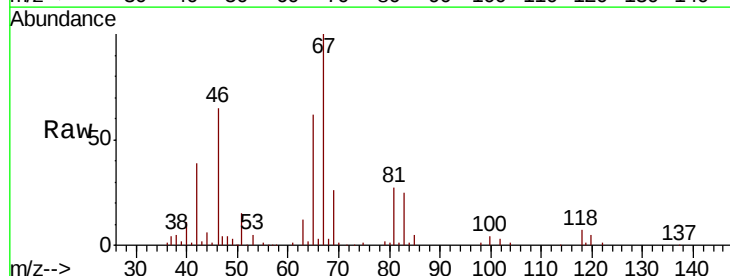
Abundance Ion 96.00 (95.70 to 96.70): VV0
 Ion 61.05 (60.75 to 61.75): VV0
 Ion 68.15 (67.85 to 68.85): VV0



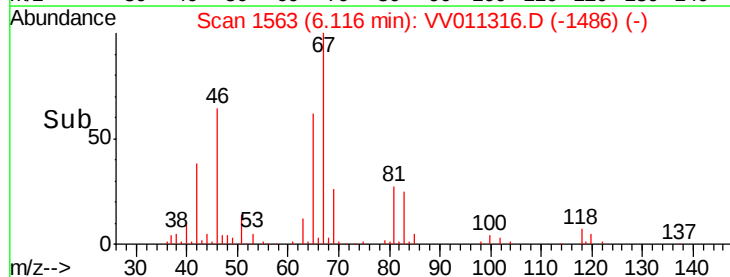
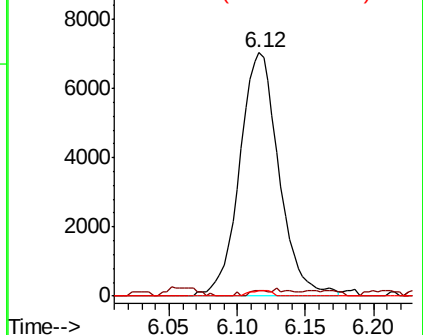
#35

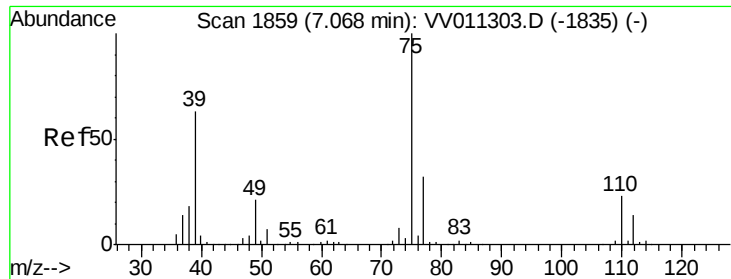
Methylcyclohexane
 Concen: 0.713 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.05 min
 Lab File: VV011316.D
 Acq: 08 Jun 2019 05:47

Tgt Ion: 83 Resp: 14108
 Ion Ratio Lower Upper
 83 100
 55 1.1 67.0 100.6#
 98 1.3 40.0 60.0#



Abundance Ion 83.15 (82.85 to 83.85): VV0
 Ion 55.10 (54.80 to 55.80): VV0
 Ion 98.15 (97.85 to 98.85): VV0





#39

cis-1,3-Dichloropropene

Concen: 0.081 ug/L

RT: 7.03 min Scan# 1848

Delta R.T. -0.04 min

Lab File: VV011316.D

Acq: 08 Jun 2019 05:47

Instrument :

MSVOA_V

ClientSampleId :

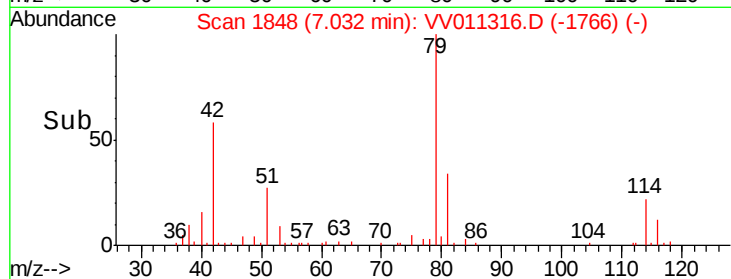
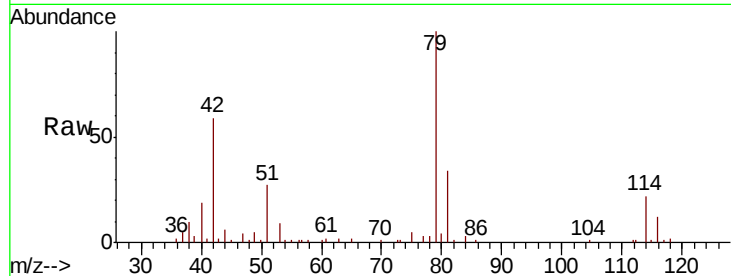
F9P62

Tgt Ion: 75 Resp: 1361

Ion Ratio Lower Upper

75 100

77 59.2 22.2 41.2#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0

