

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060619\
 Data File : VV011319.D
 Acq On : 08 Jun 2019 07:12
 Operator : SY/MD
 Sample : K3229-01
 Misc : 25ML/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9P64

Quant Time: Jun 10 06:53:22 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	157956	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	143512	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	61513	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	42940	3.59	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.80%
7) Chloroethane-d5	1.58	69	38167	3.84	ug/L	0.03
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.80%
11) 1,1-Dichloroethene-d2	2.12	63	71249	2.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.60%#
20) 2-Butanone-d5	3.98	46	131639	48.85	ug/L	0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.70%
24) Chloroform-d	4.40	84	93353	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.60%
26) 1,2-Dichloroethane-d4	5.08	65	53185	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.40%
32) Benzene-d6	5.09	84	184118	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.80%
36) 1,2-Dichloropropane-d6	6.12	67	57244	4.33	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.60%
41) Toluene-d8	7.36	98	158621	4.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.40%
43) trans-1,3-Dichloropropene-	7.66	79	14979	2.97	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	59.40%
46) 2-Hexanone-d5	8.14	63	103588	48.64	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.28%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	41324	4.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	54022	4.45	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.00%

Target Compounds

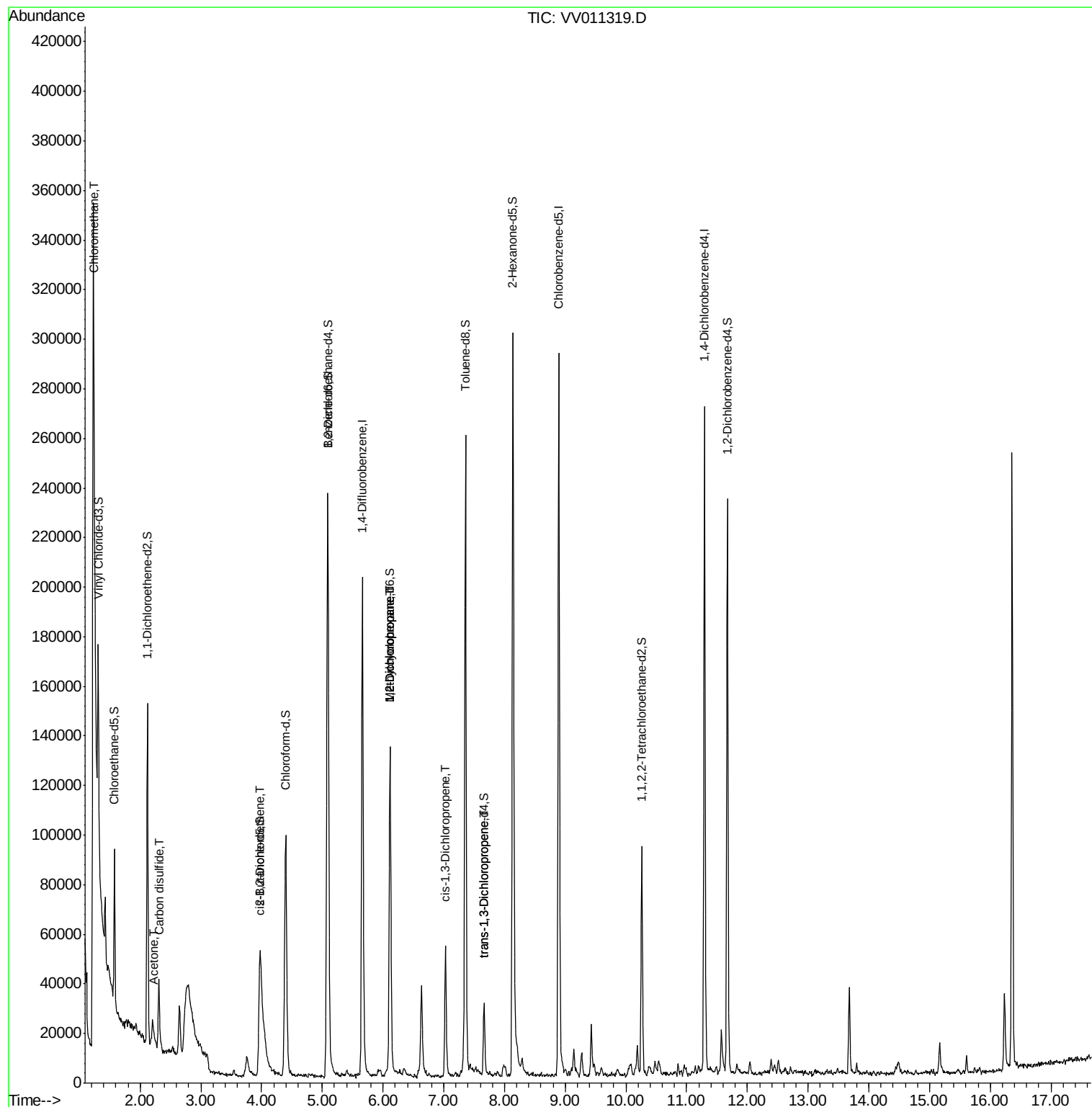
					Qvalue
3) Chloromethane	1.24	50	7671	0.509 ug/L #	62
13) Acetone	2.23	43	5648	3.126 ug/L	59
14) Carbon disulfide	2.31	76	36022	1.193 ug/L	99
22) cis-1,2-Dichloroethene	3.96	96	1307	0.106 ug/L	74
35) Methylcyclohexane	6.12	83	14147	0.725 ug/L #	17
37) 1,2-Dichloropropane	6.12	63	7707	0.678 ug/L #	87
39) cis-1,3-Dichloropropene	7.02	75	1358	0.082 ug/L #	62
44) trans-1,3-Dichloropropene	7.66	75	1072	0.085 ug/L #	67

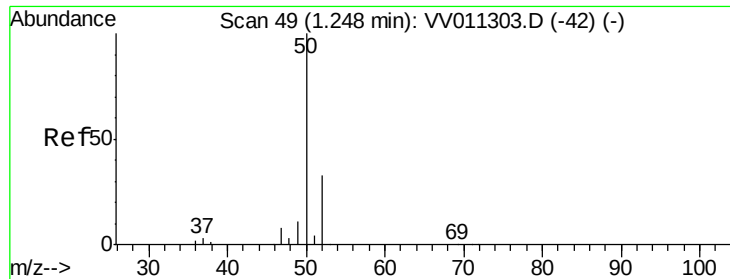
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jun 10 06:50:13 2019
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.509 ug/L

RT: 1.24 min Scan# 48

Delta R.T. -0.00 min

Lab File: VV011319.D

Acq: 08 Jun 2019 07:12

Instrument :

MSVOA_V

ClientSampleId :

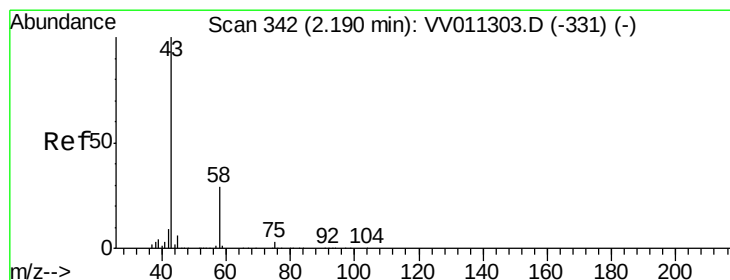
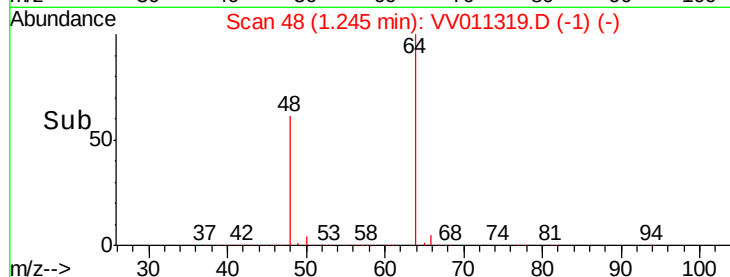
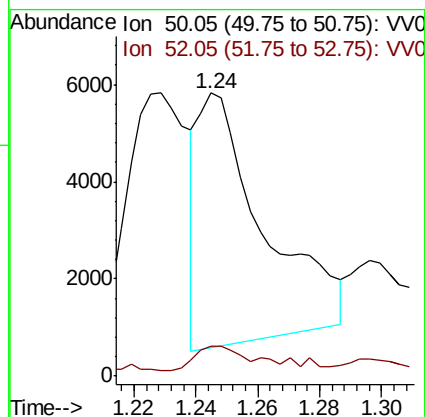
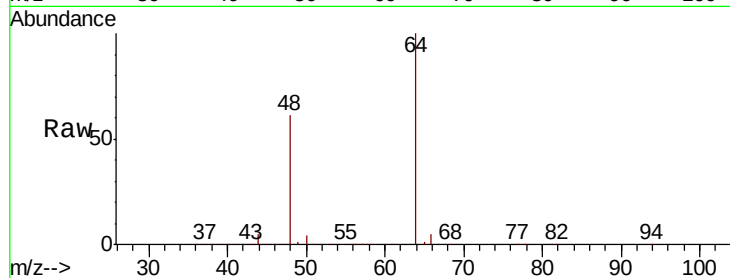
F9P64

Tgt Ion: 50 Resp: 7671

Ion Ratio Lower Upper

50 100

52 10.8 22.3 41.5#



#13

Acetone

Concen: 3.126 ug/L

RT: 2.23 min Scan# 354

Delta R.T. 0.04 min

Lab File: VV011319.D

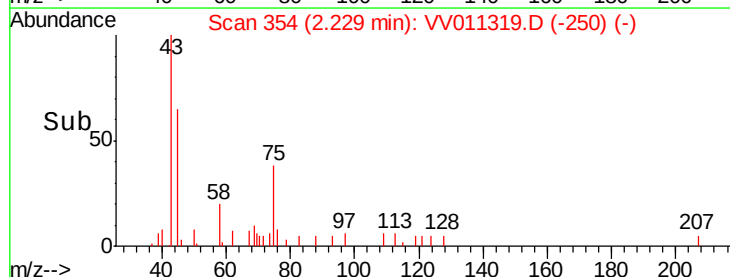
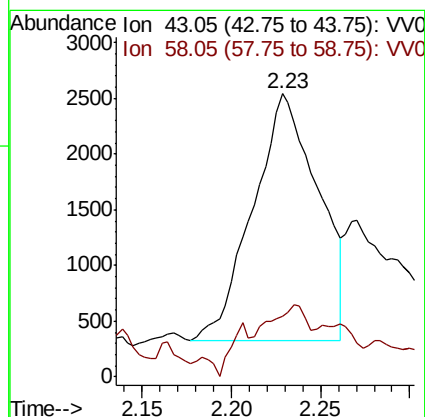
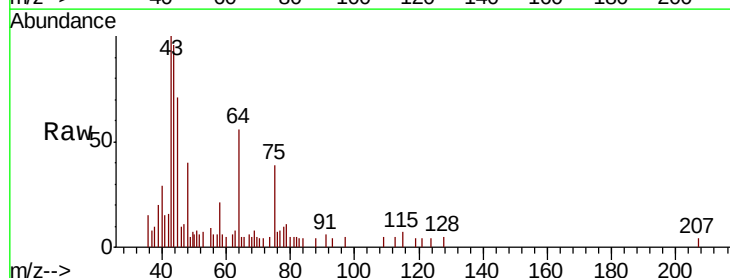
Acq: 08 Jun 2019 07:12

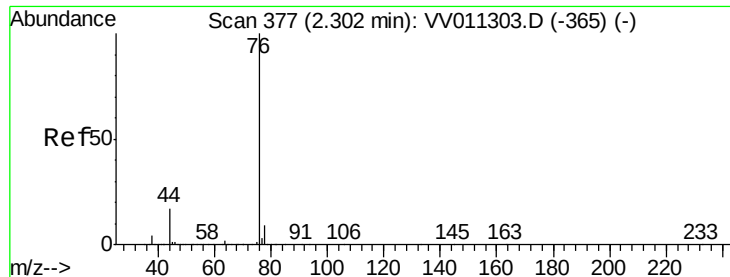
Tgt Ion: 43 Resp: 5648

Ion Ratio Lower Upper

43 100

58 5.9 0.0 55.2





#14

Carbon disulfide

Concen: 1.193 ug/L

RT: 2.31 min Scan# 379

Delta R.T. 0.01 min

Lab File: VV011319.D

Acq: 08 Jun 2019 07:12

Instrument :

MSVOA_V

ClientSampleId :

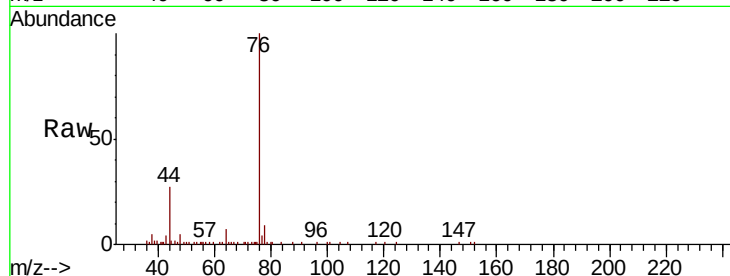
F9P64

Tgt Ion: 76 Resp: 36022

Ion Ratio Lower Upper

76 100

78 9.3 7.3 10.9



Abundance Ion 76.05 (75.75 to 76.75): VV0

Ion 78.00 (77.70 to 78.70): VV0

20000

15000

10000

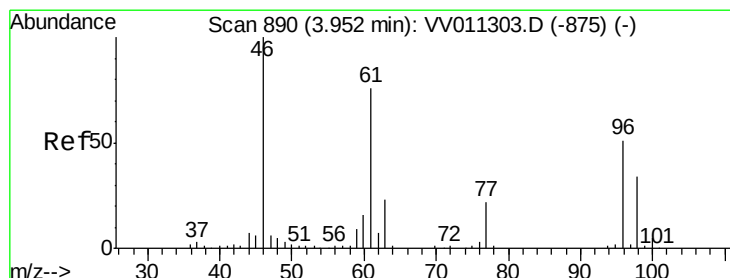
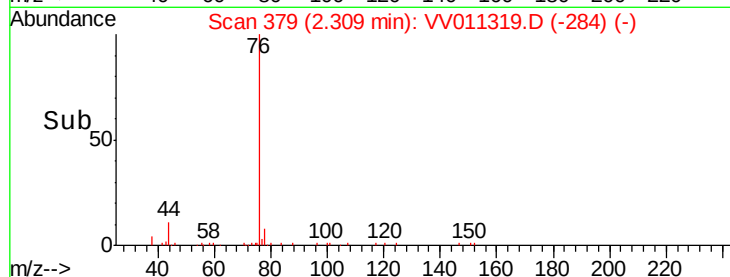
5000

0

Time-->

2.25 2.30 2.35 2.40

2.31



#22

cis-1,2-Dichloroethene

Concen: 0.106 ug/L

RT: 3.96 min Scan# 892

Delta R.T. 0.01 min

Lab File: VV011319.D

Acq: 08 Jun 2019 07:12

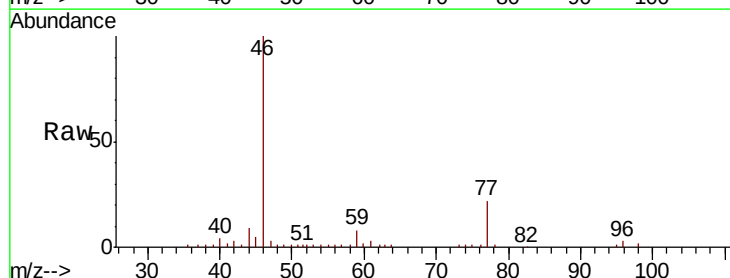
Tgt Ion: 96 Resp: 1307

Ion Ratio Lower Upper

96 100

61 112.2 100.8 187.2

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

1000

800

600

400

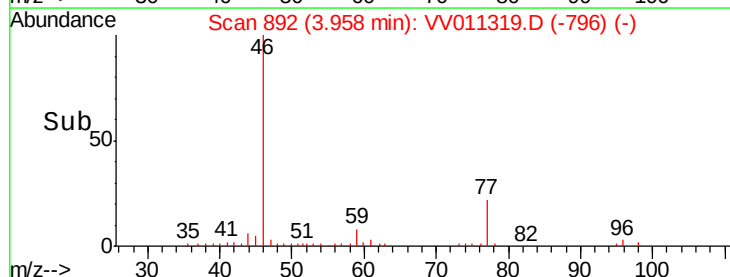
200

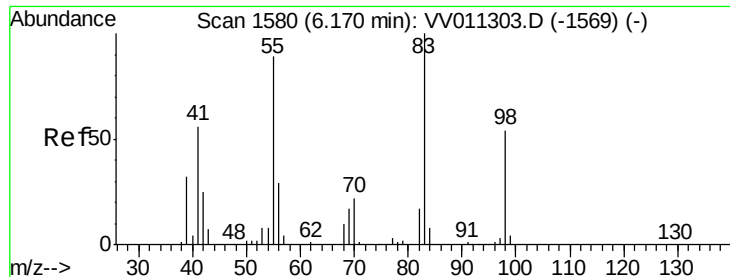
0

Time-->

3.90 3.95 4.00

3.96

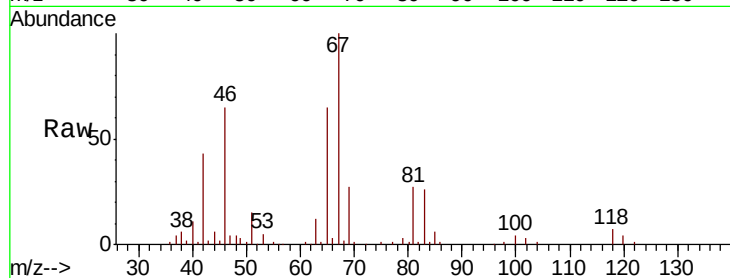




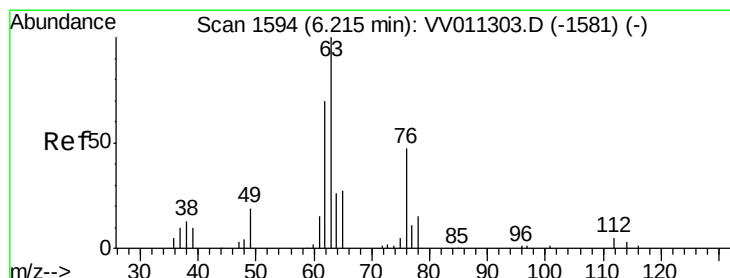
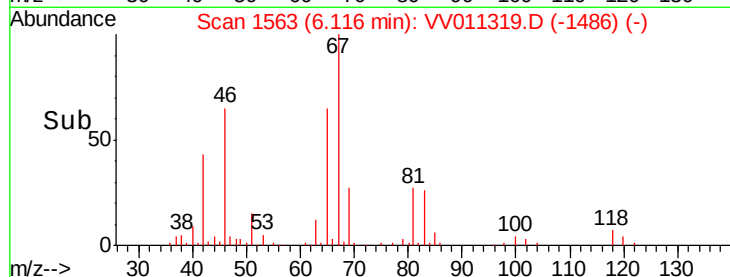
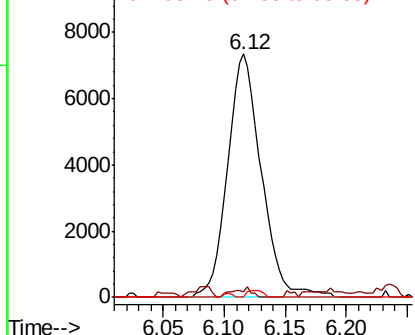
#35
Methylcyclohexane
Concen: 0.725 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV011319.D
Acq: 08 Jun 2019 07:12

Instrument :
MSVOA_V
ClientSampleId :
F9P64

Tgt Ion: 83 Resp: 14147
Ion Ratio Lower Upper
83 100
55 2.2 67.0 100.6#
98 1.2 40.0 60.0#

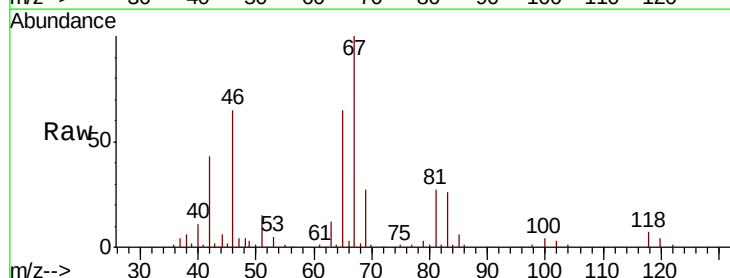


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

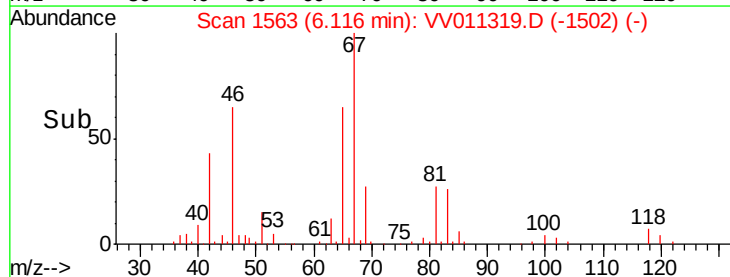
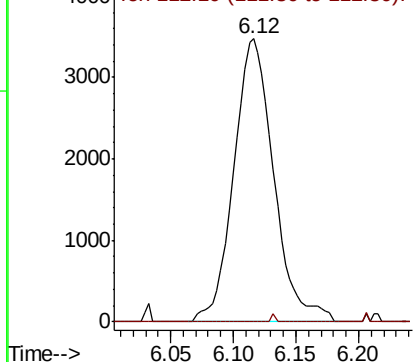


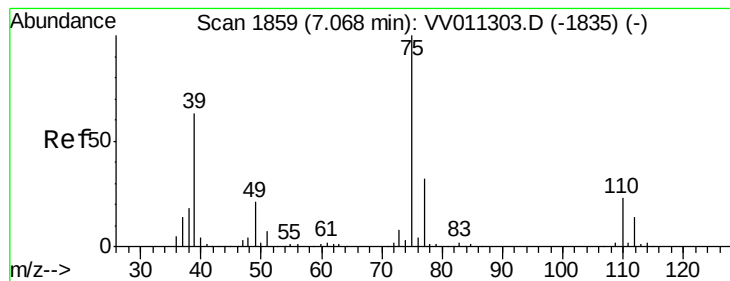
#37
1,2-Dichloropropane
Concen: 0.678 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV011319.D
Acq: 08 Jun 2019 07:12

Tgt Ion: 63 Resp: 7707
Ion Ratio Lower Upper
63 100
112 0.3 3.6 5.4#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V



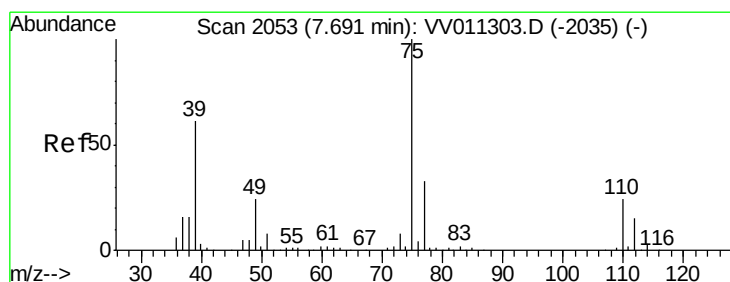
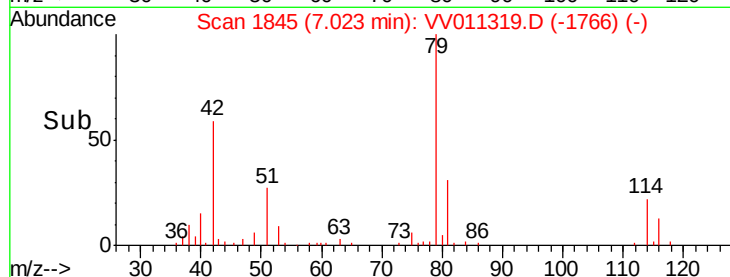
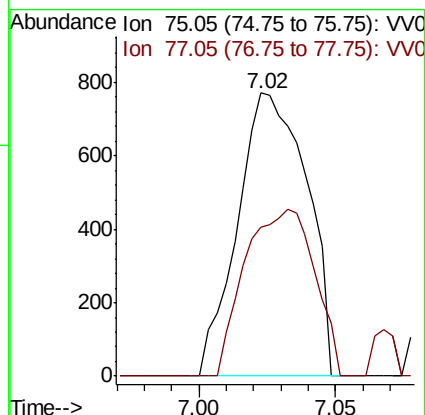
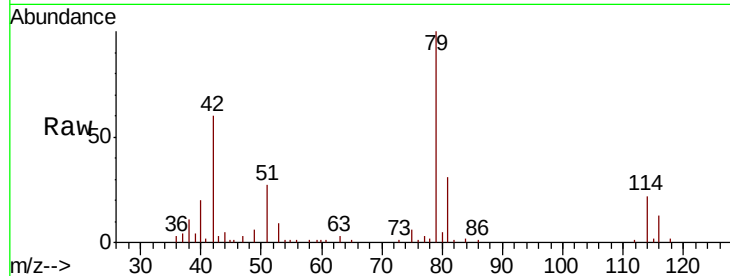


#39

cis-1,3-Dichloropropene
 Concen: 0.082 ug/L
 RT: 7.02 min Scan# 1845
 Delta R.T. -0.05 min
 Lab File: VV011319.D
 Acq: 08 Jun 2019 07:12

Instrument :
 MSVOA_V
 ClientSampleId :
 F9P64

Tgt Ion: 75 Resp: 1358
 Ion Ratio Lower Upper
 75 100
 77 52.8 22.2 41.2#



#44

trans-1,3-Dichloropropene
 Concen: 0.085 ug/L
 RT: 7.66 min Scan# 2044
 Delta R.T. -0.03 min
 Lab File: VV011319.D
 Acq: 08 Jun 2019 07:12

Tgt Ion: 75 Resp: 1072
 Ion Ratio Lower Upper
 75 100
 77 51.9 23.1 42.9#

