

Data File : VV012243.D
Acq On : 14 Aug 2019 19:04
Operator : SY/MD
Sample : K4337-17
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AH5

Quant Time: Aug 15 23:33:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR081319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Aug 15 23:30:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	192702	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	184905	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	76925	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	50789	4.28	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.60%
7) Chloroethane-d5	1.58	69	42263	4.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.20%
11) 1,1-Dichloroethene-d2	2.13	63	58433	3.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.20%
20) 2-Butanone-d5	3.96	46	143437	55.94	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.88%
24) Chloroform-d	4.40	84	107876	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.80%
26) 1,2-Dichloroethane-d4	5.08	65	55592	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.00%
32) Benzene-d6	5.10	84	218303	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.20%
36) 1,2-Dichloropropane-d6	6.12	67	66358	4.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.20%
41) Toluene-d8	7.36	98	182580	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.40%
43) trans-1,3-Dichloropropene-	7.67	79	23560	4.46	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.20%
46) 2-Hexanone-d5	8.14	63	78770	46.53	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.06%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	44822	4.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	67900	5.21	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.20%

Target Compounds

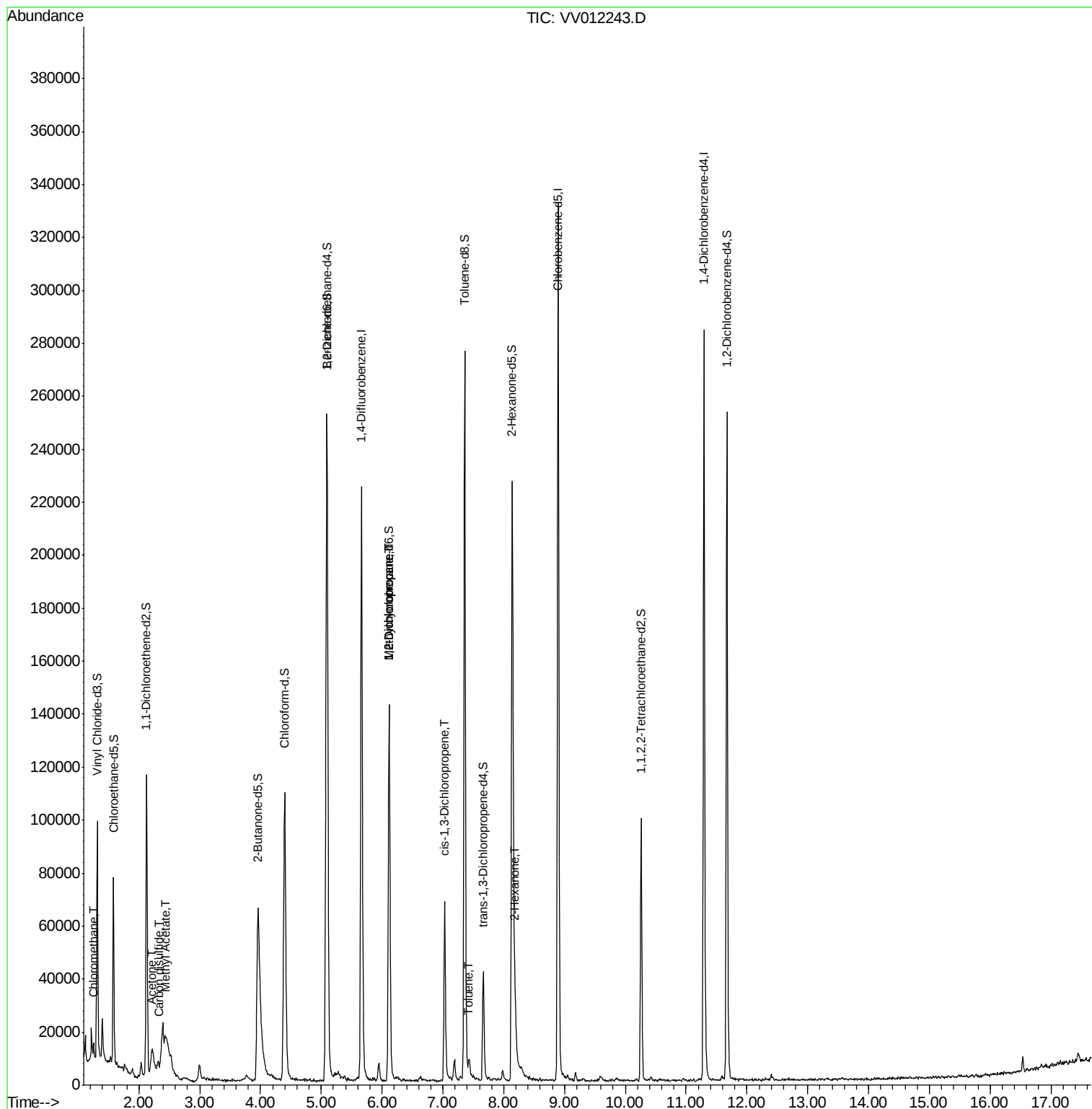
					Qvalue
3) Chloromethane	1.25	50	3944	0.235 ug/L	88
13) Acetone	2.22	43	18955	11.862 ug/L	94
14) Carbon disulfide	2.32	76	3297	0.111 ug/L #	65
15) Methyl Acetate	2.44	43	1014	0.251 ug/L #	63
35) Methylcyclohexane	6.12	83	15777	0.672 ug/L #	17
37) 1,2-Dichloropropane	6.11	63	7208	0.518 ug/L #	86
39) cis-1,3-Dichloropropene	7.03	75	1877	0.098 ug/L #	53
42) Toluene	7.43	91	4489	0.076 ug/L	92
48) 2-Hexanone	8.19	43	13381	2.481 ug/L #	84

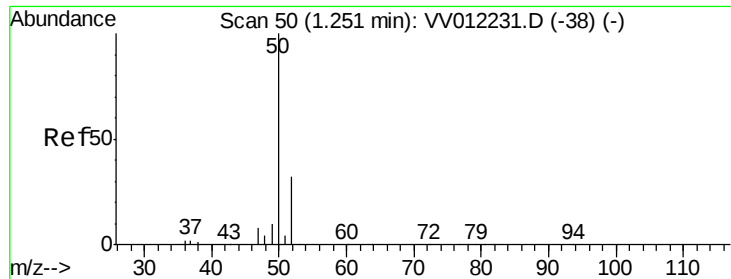
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VV012243.D
Acq On : 14 Aug 2019 19:04
Operator : SY/MD
Sample : K4337-17
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AH5

Quant Time: Aug 15 23:33:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR081319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Aug 15 23:30:01 2019
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.235 ug/L

RT: 1.25 min Scan# 51

Delta R.T. 0.00 min

Lab File: VV012243.D

Acq: 14 Aug 2019 19:04

Instrument :

MSVOA_V

ClientSampleId :

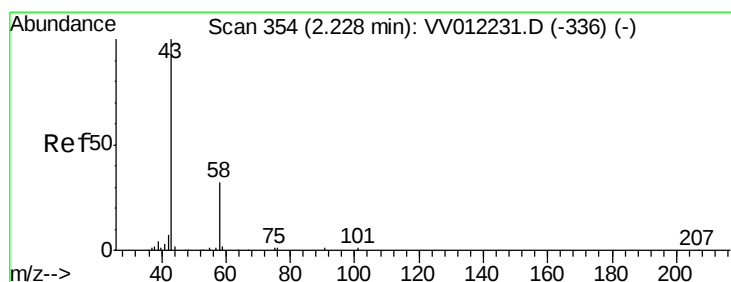
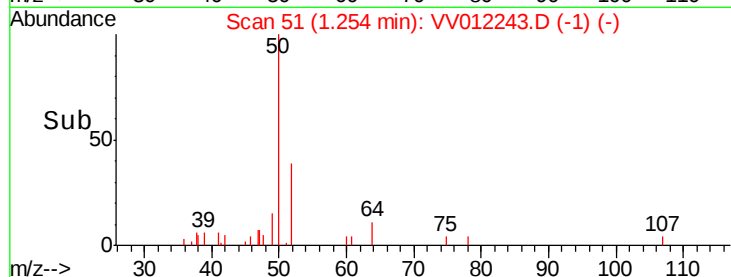
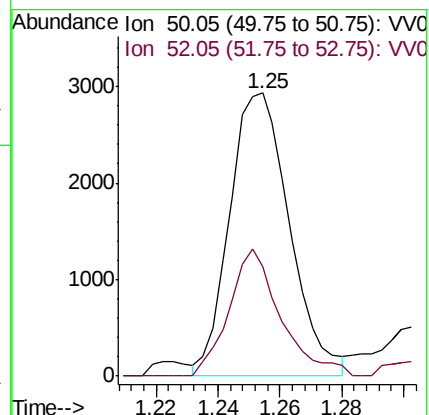
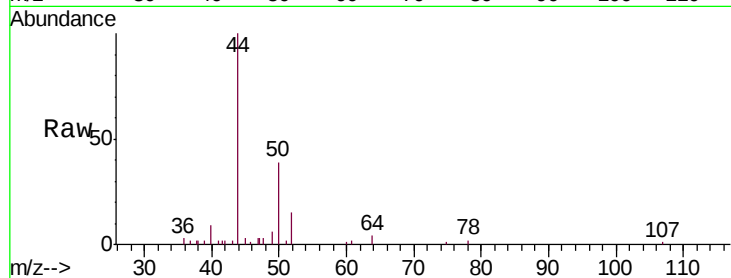
C0AH5

Tgt Ion: 50 Resp: 3944

Ion Ratio Lower Upper

50 100

52 38.7 22.6 42.0



#13

Acetone

Concen: 11.862 ug/L

RT: 2.22 min Scan# 352

Delta R.T. -0.01 min

Lab File: VV012243.D

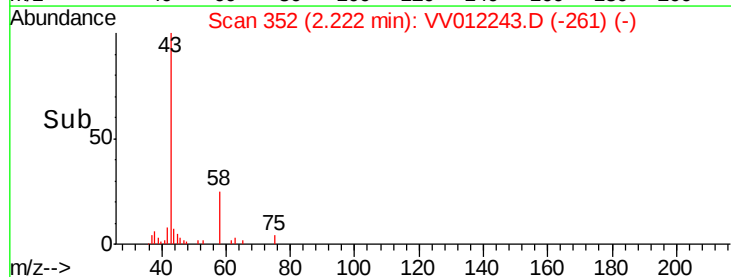
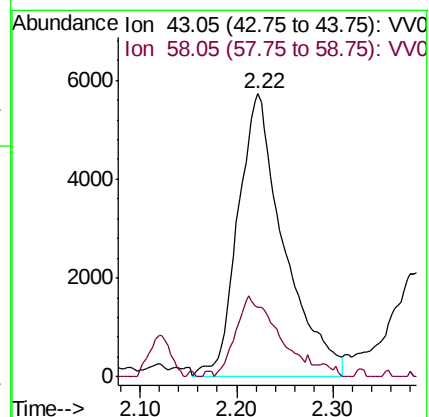
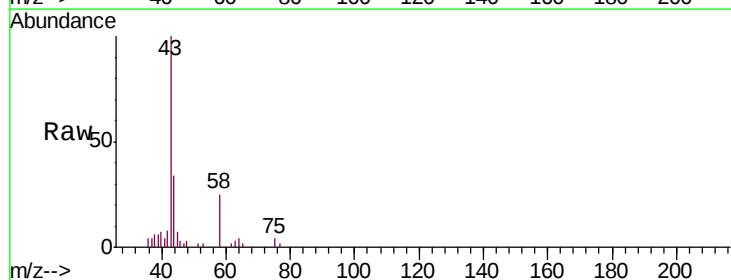
Acq: 14 Aug 2019 19:04

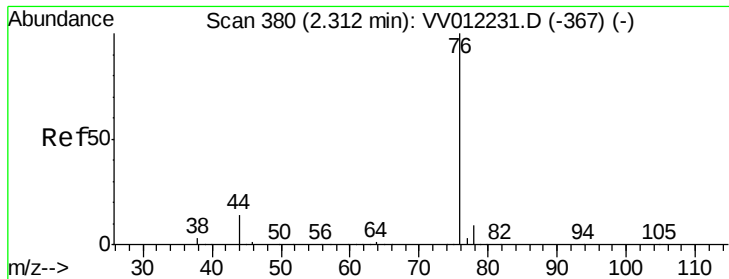
Tgt Ion: 43 Resp: 18955

Ion Ratio Lower Upper

43 100

58 26.5 0.0 59.4





#14

Carbon disulfide

Concen: 0.111 ug/L

RT: 2.32 min Scan# 381

Delta R.T. 0.00 min

Lab File: VV012243.D

Acq: 14 Aug 2019 19:04

Instrument :

MSVOA_V

ClientSampleId :

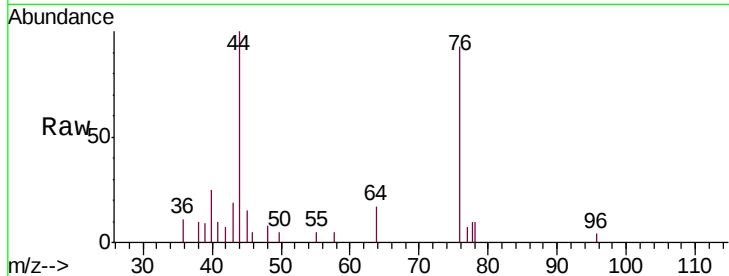
C0AH5

Tgt Ion: 76 Resp: 3297

Ion Ratio Lower Upper

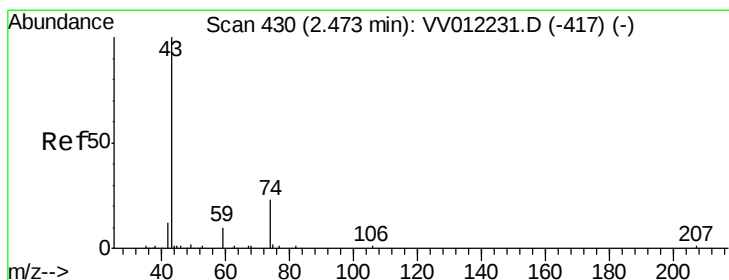
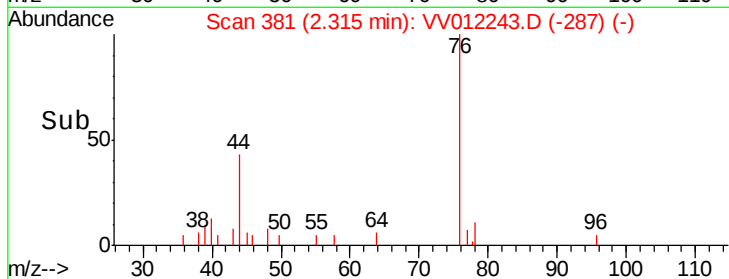
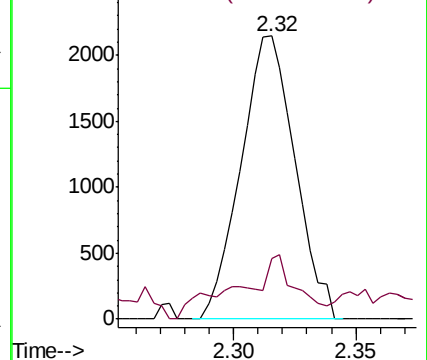
76 100

78 21.7 7.2 10.8#



Abundance Ion 76.05 (75.75 to 76.75): VV0

Ion 78.00 (77.70 to 78.70): VV0



#15

Methyl Acetate

Concen: 0.251 ug/L

RT: 2.44 min Scan# 420

Delta R.T. -0.03 min

Lab File: VV012243.D

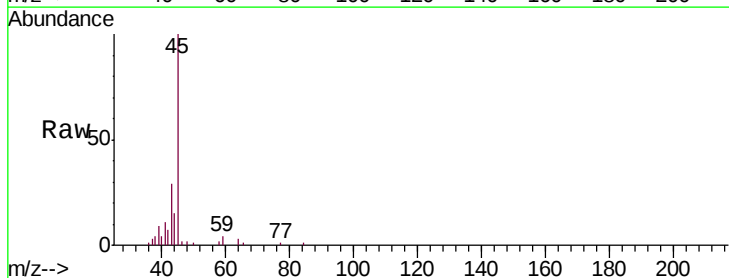
Acq: 14 Aug 2019 19:04

Tgt Ion: 43 Resp: 1014

Ion Ratio Lower Upper

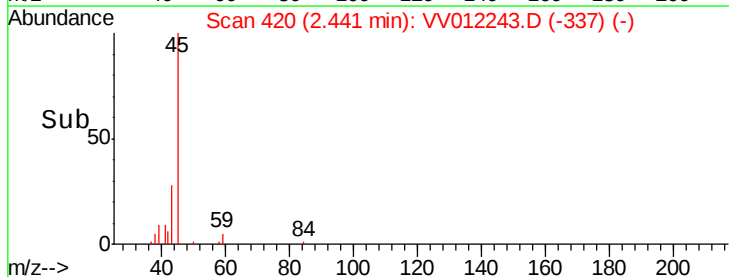
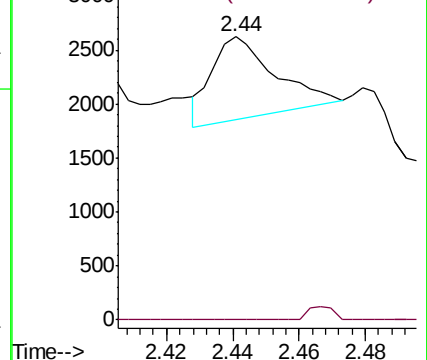
43 100

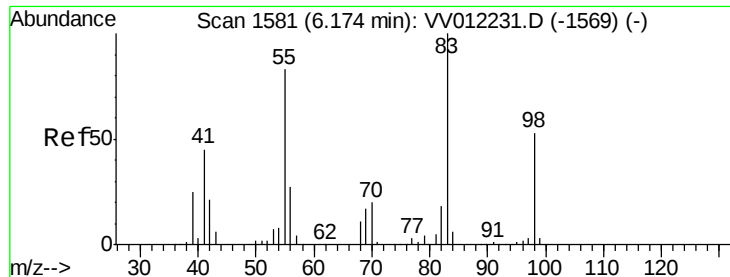
74 6.6 20.3 30.5#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 74.05 (73.75 to 74.75): VV0

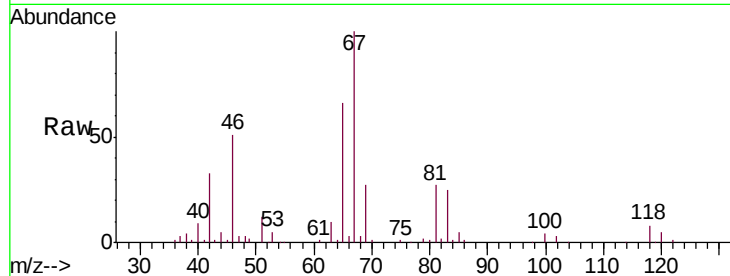




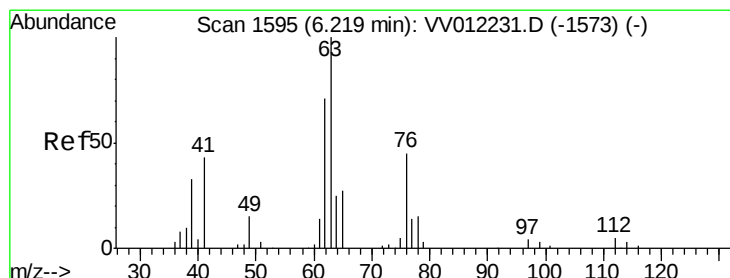
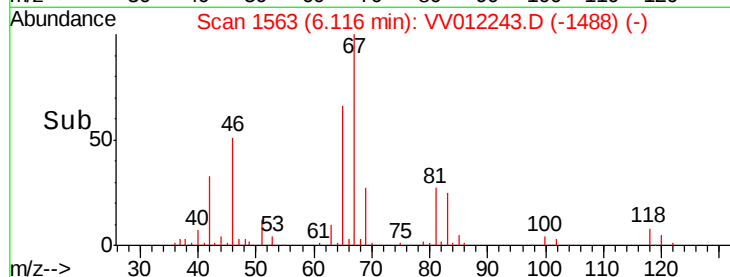
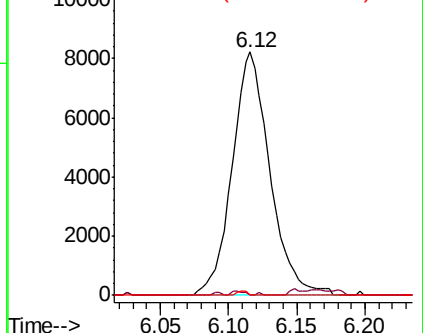
#35
Methylcyclohexane
Concen: 0.672 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV012243.D
Acq: 14 Aug 2019 19:04

Instrument :
MSVOA_V
ClientSampleId :
C0AH5

Tgt Ion: 83 Resp: 15777
Ion Ratio Lower Upper
83 100
55 0.1 62.2 93.2#
98 0.0 39.2 58.8#

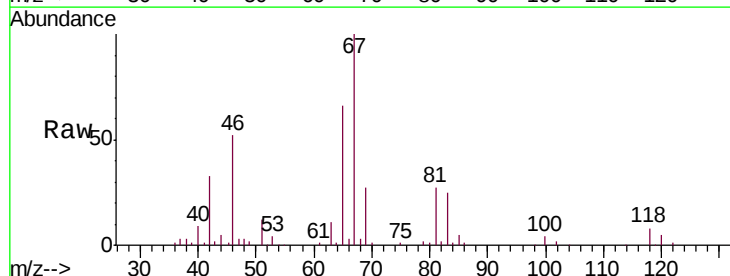


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

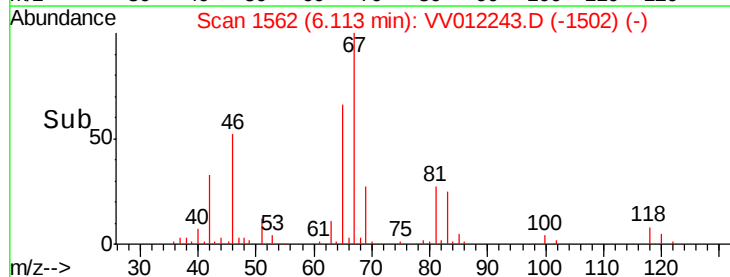
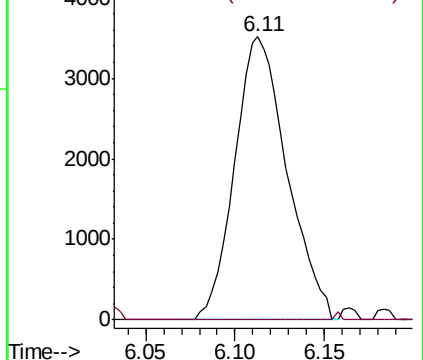


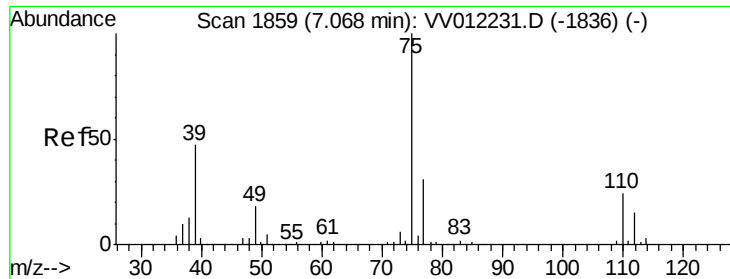
#37
1,2-Dichloropropane
Concen: 0.518 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.11 min
Lab File: VV012243.D
Acq: 14 Aug 2019 19:04

Tgt Ion: 63 Resp: 7208
Ion Ratio Lower Upper
63 100
112 0.3 3.8 5.8#



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

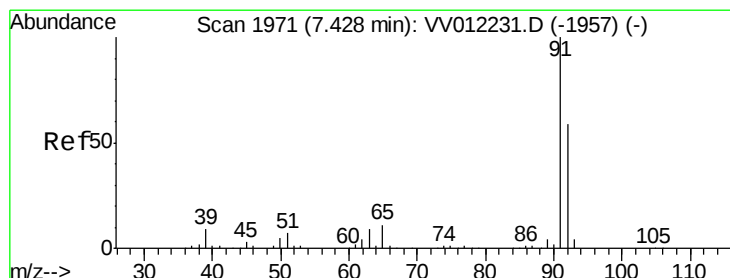
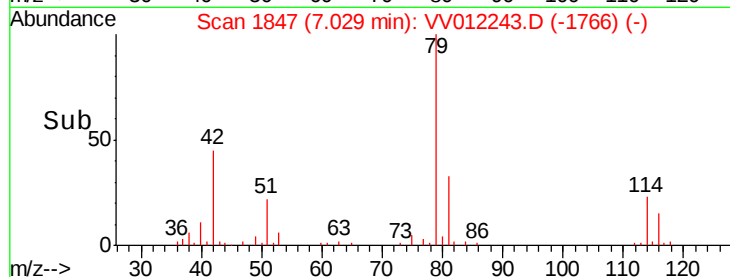
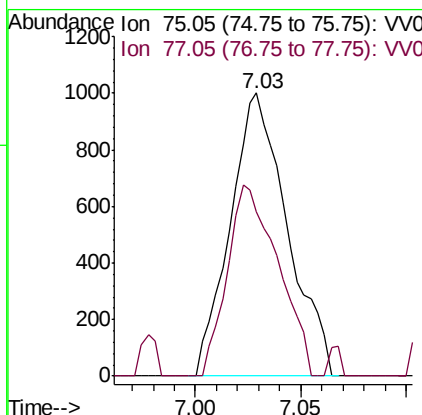
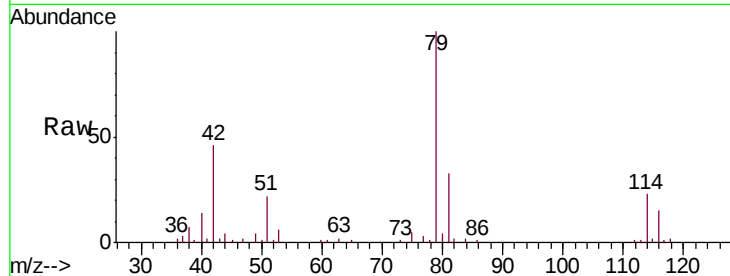




#39
 cis-1,3-Dichloropropene
 Concen: 0.098 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV012243.D
 Acq: 14 Aug 2019 19:04

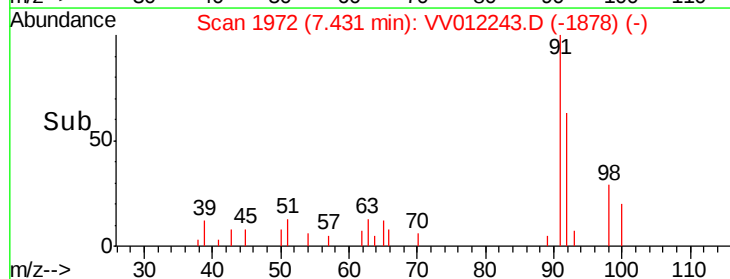
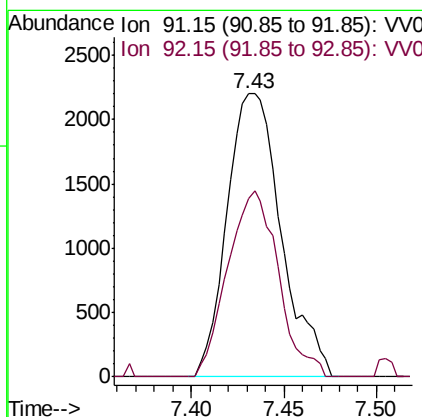
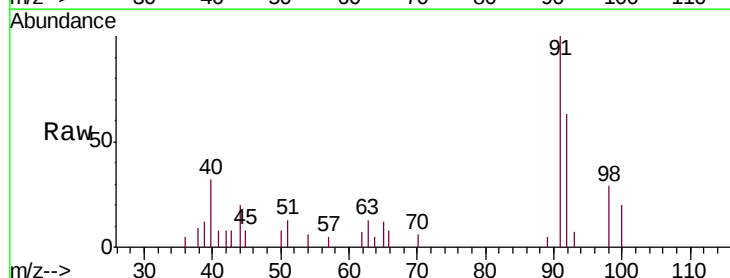
Instrument :
 MSVOA_V
 ClientSampleId :
 C0AH5

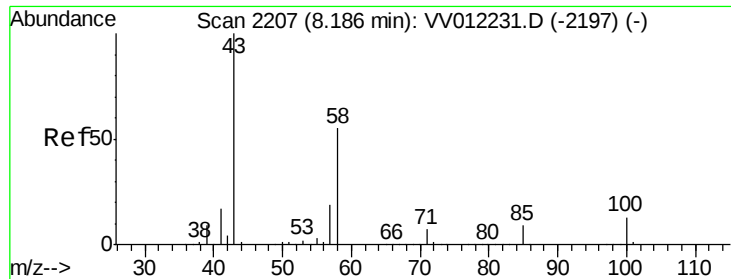
Tgt Ion: 75 Resp: 1877
 Ion Ratio Lower Upper
 75 100
 77 58.0 22.2 41.2#



#42
 Toluene
 Concen: 0.076 ug/L
 RT: 7.43 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VV012243.D
 Acq: 14 Aug 2019 19:04

Tgt Ion: 91 Resp: 4489
 Ion Ratio Lower Upper
 91 100
 92 62.8 39.8 73.8





#48

2-Hexanone

Concen: 2.481 ug/L

RT: 8.19 min Scan# 2208

Delta R.T. 0.00 min

Lab File: VV012243.D

Acq: 14 Aug 2019 19:04

Instrument :
MSVOA_V
ClientSampleId :
C0AH5

Tgt Ion: 43 Resp: 13381

Ion Ratio Lower Upper

43 100

58 39.3 43.0 64.4#

57 19.4 14.9 22.3

100 5.3 10.3 15.5#

