

Data File : VV012239.D
Acq On : 14 Aug 2019 17:14
Operator : SY/MD
Sample : K4337-13
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AC4

Quant Time: Aug 15 23:32:59 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	200992	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	193781	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	79551	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	52245	4.22	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.40%
7) Chloroethane-d5	1.58	69	45423	4.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.00%
11) 1,1-Dichloroethene-d2	2.13	63	59220	2.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.40%#
20) 2-Butanone-d5	3.95	46	27737	10.37	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	20.74%#
24) Chloroform-d	4.40	84	103221	4.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.20%
26) 1,2-Dichloroethane-d4	5.08	65	54131	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.40%
32) Benzene-d6	5.10	84	221876	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.40%
36) 1,2-Dichloropropane-d6	6.12	67	66953	4.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.60%
41) Toluene-d8	7.36	98	187742	4.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.80%
43) trans-1,3-Dichloropropene-	7.66	79	21744	3.93	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.60%
46) 2-Hexanone-d5	8.13	63	56543	31.87	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	63.74%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	42824	4.25	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	66781	4.96	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.20%

Target Compounds

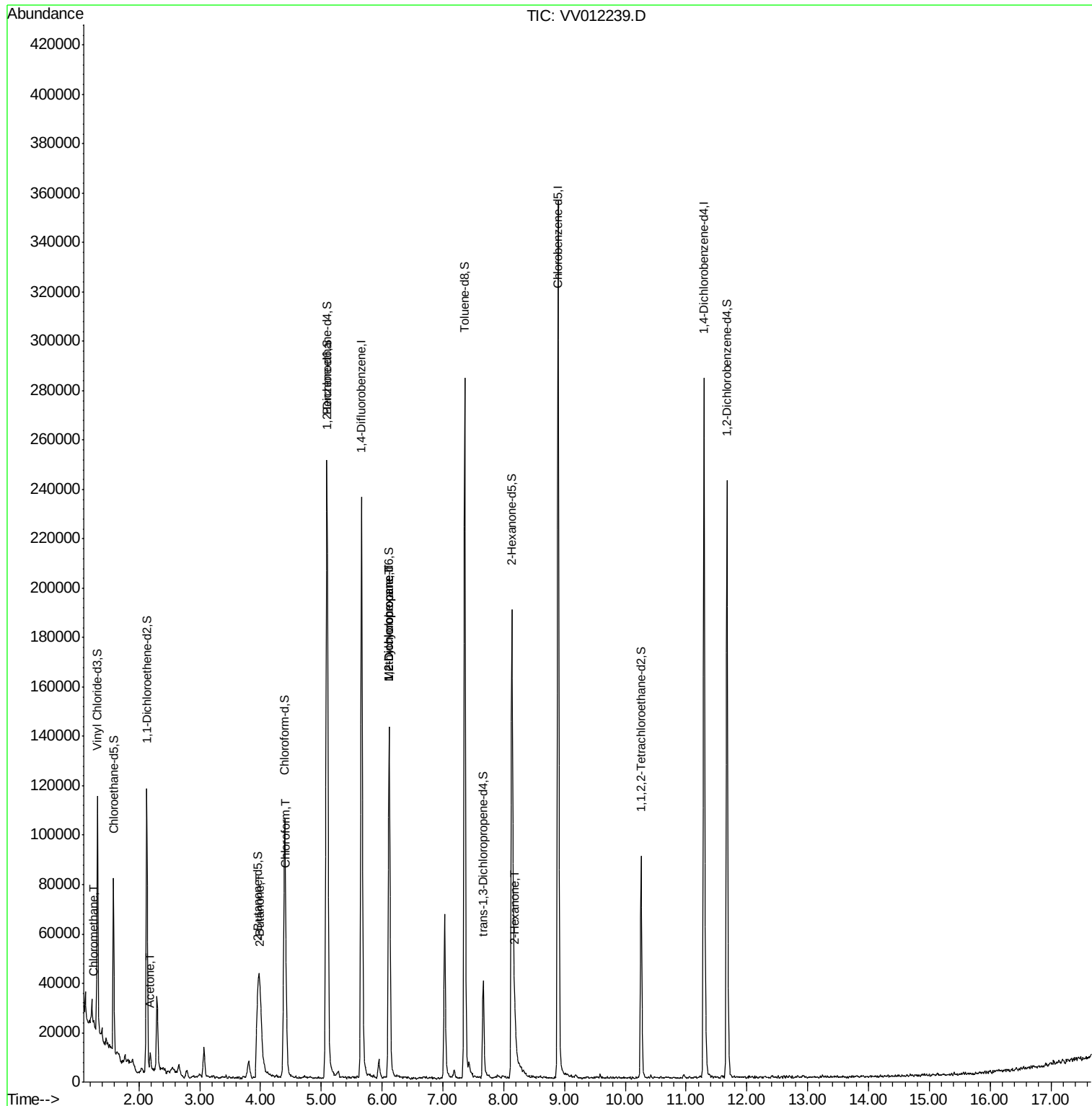
					Qvalue
3) Chloromethane	1.26	50	1561	0.089 ug/L	93
13) Acetone	2.19	43	5133	3.080 ug/L	97
21) 2-Butanone	4.00	43	31261	9.173 ug/L #	68
25) Chloroform	4.42	83	10209	0.348 ug/L	93
35) Methylcyclohexane	6.12	83	16567	0.673 ug/L #	20
37) 1,2-Dichloropropane	6.12	63	7581	0.520 ug/L #	88
48) 2-Hexanone	8.19	43	9546	1.689 ug/L #	92

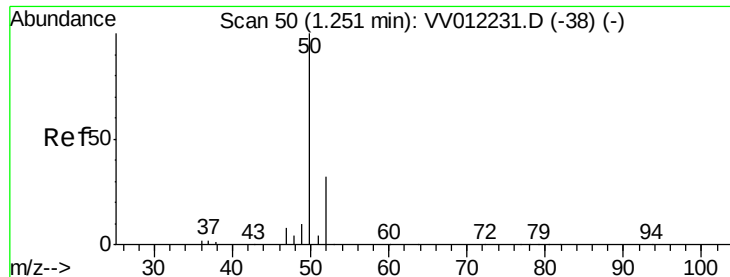
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.089 ug/L

RT: 1.26 min Scan# 52

Delta R.T. 0.01 min

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Instrument :

MSVOA_V

ClientSampleId :

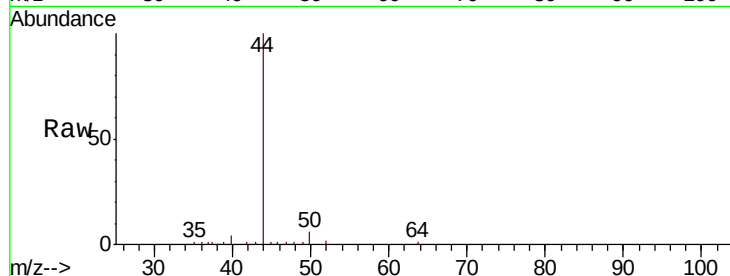
C0AC4

Tgt Ion: 50 Resp: 1561

Ion Ratio Lower Upper

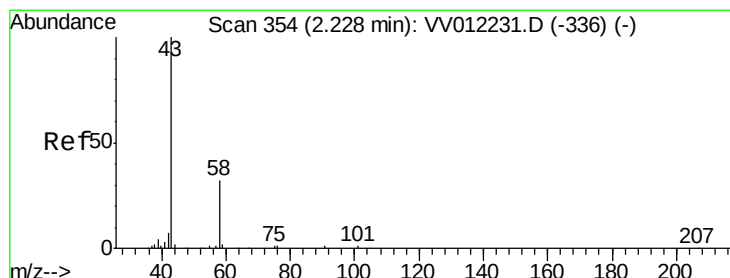
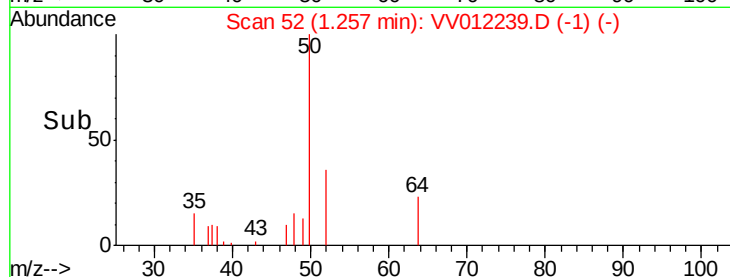
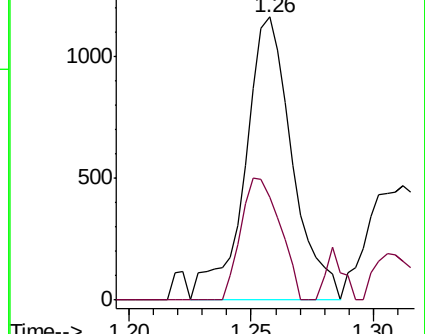
50 100

52 36.3 22.6 42.0



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0



#13

Acetone

Concen: 3.080 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.04 min

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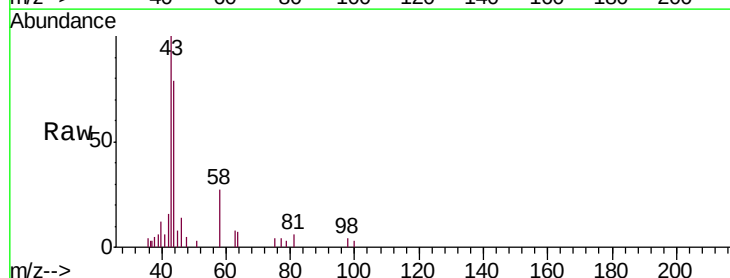
Acq: 14 Aug 2019 17:14

Tgt Ion: 43 Resp: 5133

Ion Ratio Lower Upper

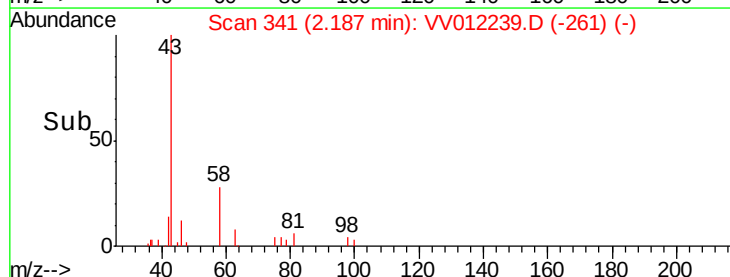
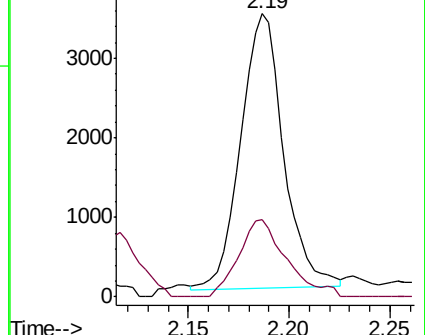
43 100

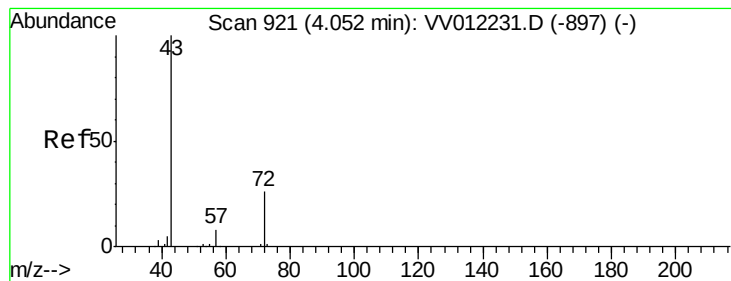
58 31.2 0.0 59.4



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0





#21

2-Butanone

Concen: 9.173 ug/L

RT: 4.00 min Scan# 906

Delta R.T. -0.05 min

Lab File: VV012239.D

Acq: 14 Aug 2019 17:14

Instrument :

MSVOA_V

ClientSampleId :

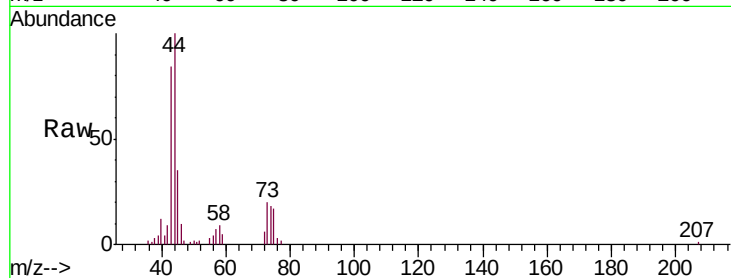
C0AC4

Tgt Ion: 43 Resp: 31261

Ion Ratio Lower Upper

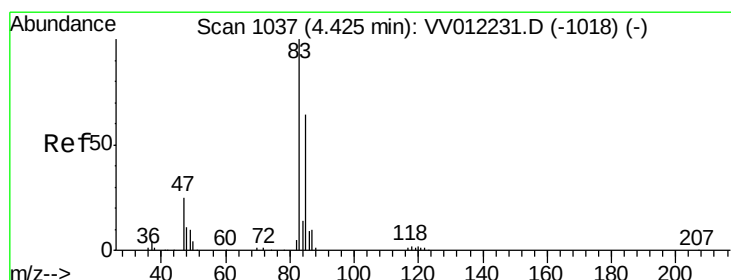
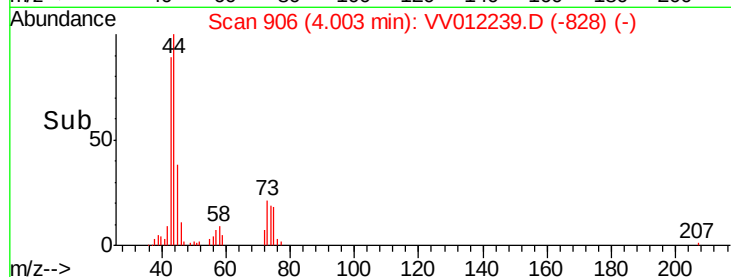
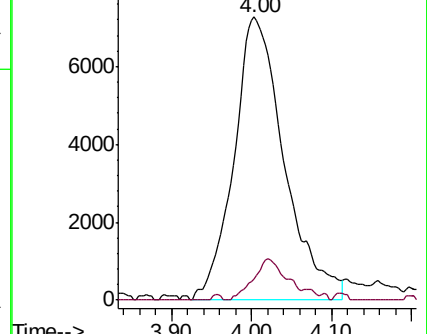
43 100

72 9.4 12.9 38.7#



Abundance Ion 43.05 (42.75 to 43.75): VV012231.D (-897) (-)

Ion 72.10 (71.80 to 72.80): VV012231.D (-897) (-)



#25

Chloroform

Concen: 0.348 ug/L

RT: 4.42 min Scan# 1037

Delta R.T. -0.00 min

Lab File: VV012239.D

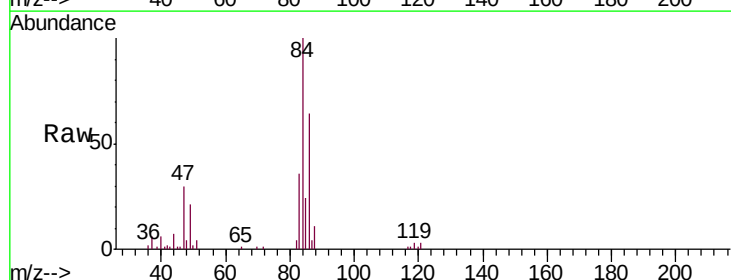
Acq: 14 Aug 2019 17:14

Tgt Ion: 83 Resp: 10209

Ion Ratio Lower Upper

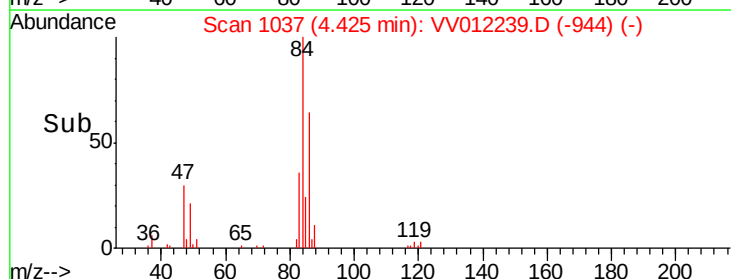
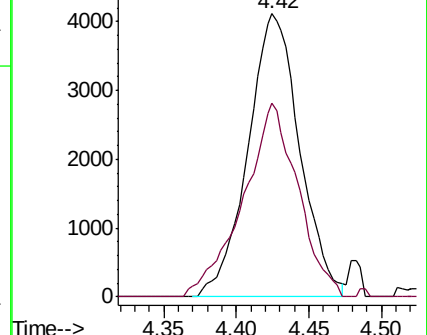
83 100

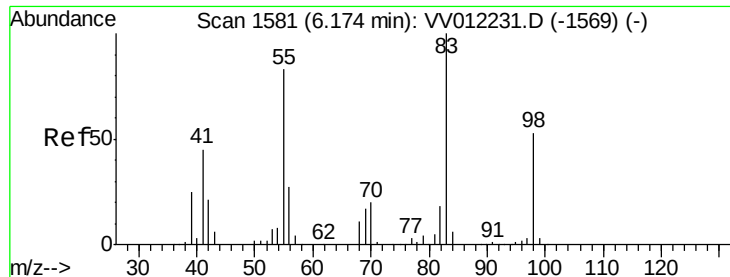
85 68.4 44.3 82.3



Abundance Ion 83.05 (82.75 to 83.75): VV012231.D (-1018) (-)

Ion 85.00 (84.70 to 85.70): VV012231.D (-1018) (-)

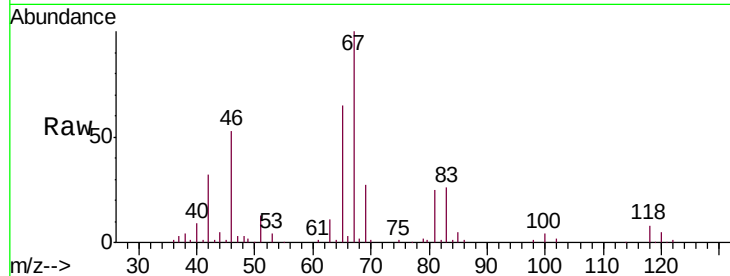




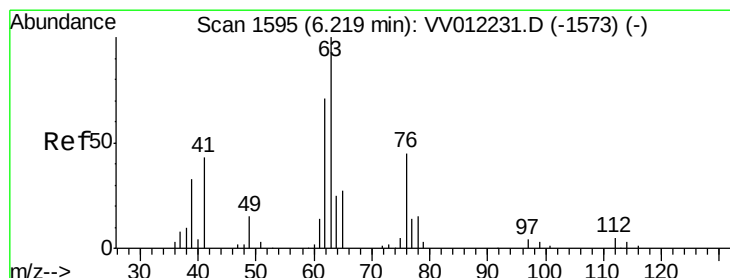
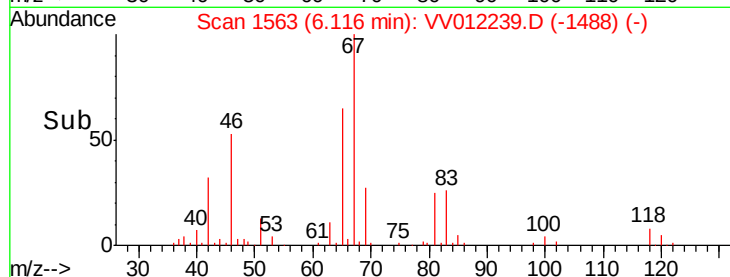
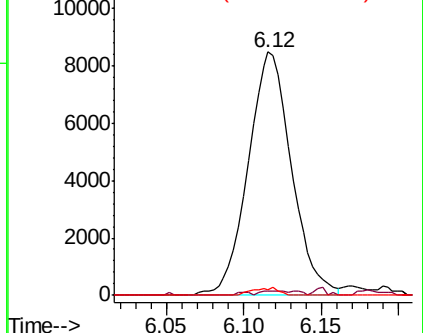
#35
Methylcyclohexane
Concen: 0.673 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV012239.D
Acq: 14 Aug 2019 17:14

Instrument :
MSVOA_V
ClientSampled :
C0AC4

Tgt Ion: 83 Resp: 16567
Ion Ratio Lower Upper
83 100
55 1.6 62.2 93.2#
98 1.9 39.2 58.8#

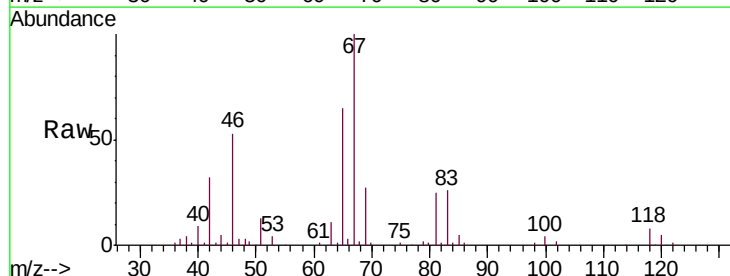


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

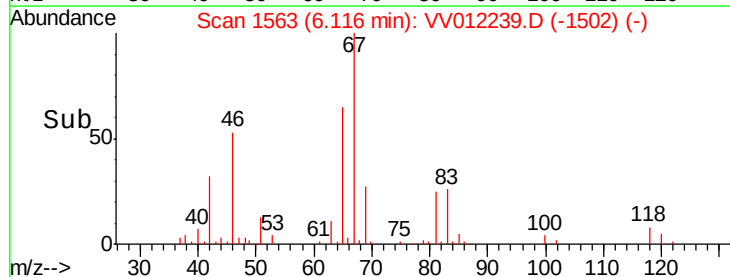
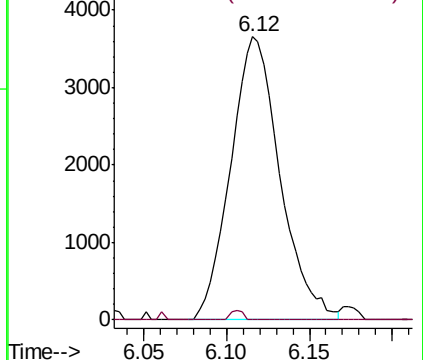


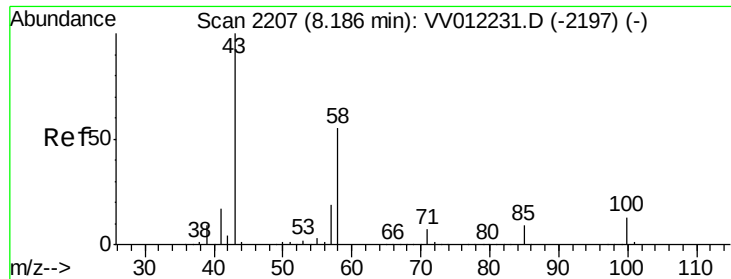
#37
1,2-Dichloropropane
Concen: 0.520 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV012239.D
Acq: 14 Aug 2019 17:14

Tgt Ion: 63 Resp: 7581
Ion Ratio Lower Upper
63 100
112 0.8 3.8 5.8#



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





#48

2-Hexanone

Concen: 1.689 ug/L

RT: 8.19 min Scan# 2207

Delta R.T. -0.00 min

Lab File: VV012239.D

Acq: 14 Aug 2019 17:14

Instrument :
MSVOA_V
ClientSampleId :
C0AC4

Tgt Ion: 43 Resp: 9546

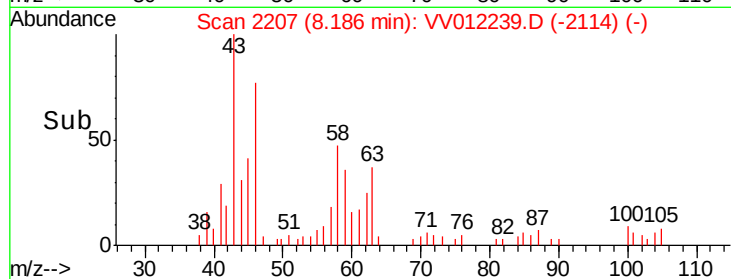
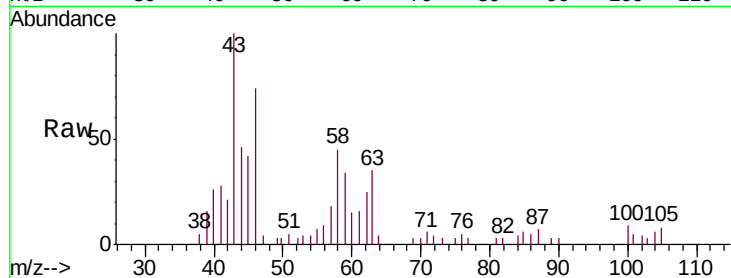
Ion Ratio Lower Upper

43 100

58 48.4 43.0 64.4

57 12.7 14.9 22.3#

100 13.5 10.3 15.5



Abundance Ion 43.05 (42.75 to 43.75): VV0
Ion 58.05 (57.75 to 58.75): VV0
Ion 57.20 (56.90 to 57.90): VV0
Ion 100.15 (99.85 to 100.85): VV0

