

Data File : VV012244.D
Acq On : 14 Aug 2019 19:32
Operator : SY/MD
Sample : K4337-18
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AJ3

Quant Time: Aug 15 23:33:44 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	181941	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	178937	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	74531	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	51253	4.57	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.40%
7) Chloroethane-d5	1.58	69	44092	5.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.00%
11) 1,1-Dichloroethene-d2	2.13	63	62244	3.39	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.80%
20) 2-Butanone-d5	3.96	46	126147	52.11	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.22%
24) Chloroform-d	4.40	84	111731	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.60%
26) 1,2-Dichloroethane-d4	5.08	65	57382	5.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.20%
32) Benzene-d6	5.10	84	221958	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
36) 1,2-Dichloropropane-d6	6.12	67	67480	5.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.20%
41) Toluene-d8	7.36	98	188961	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.40%
43) trans-1,3-Dichloropropene-	7.67	79	24813	4.86	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.20%
46) 2-Hexanone-d5	8.14	63	80230	48.97	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.94%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	47070	5.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	67400	5.34	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.80%

Target Compounds

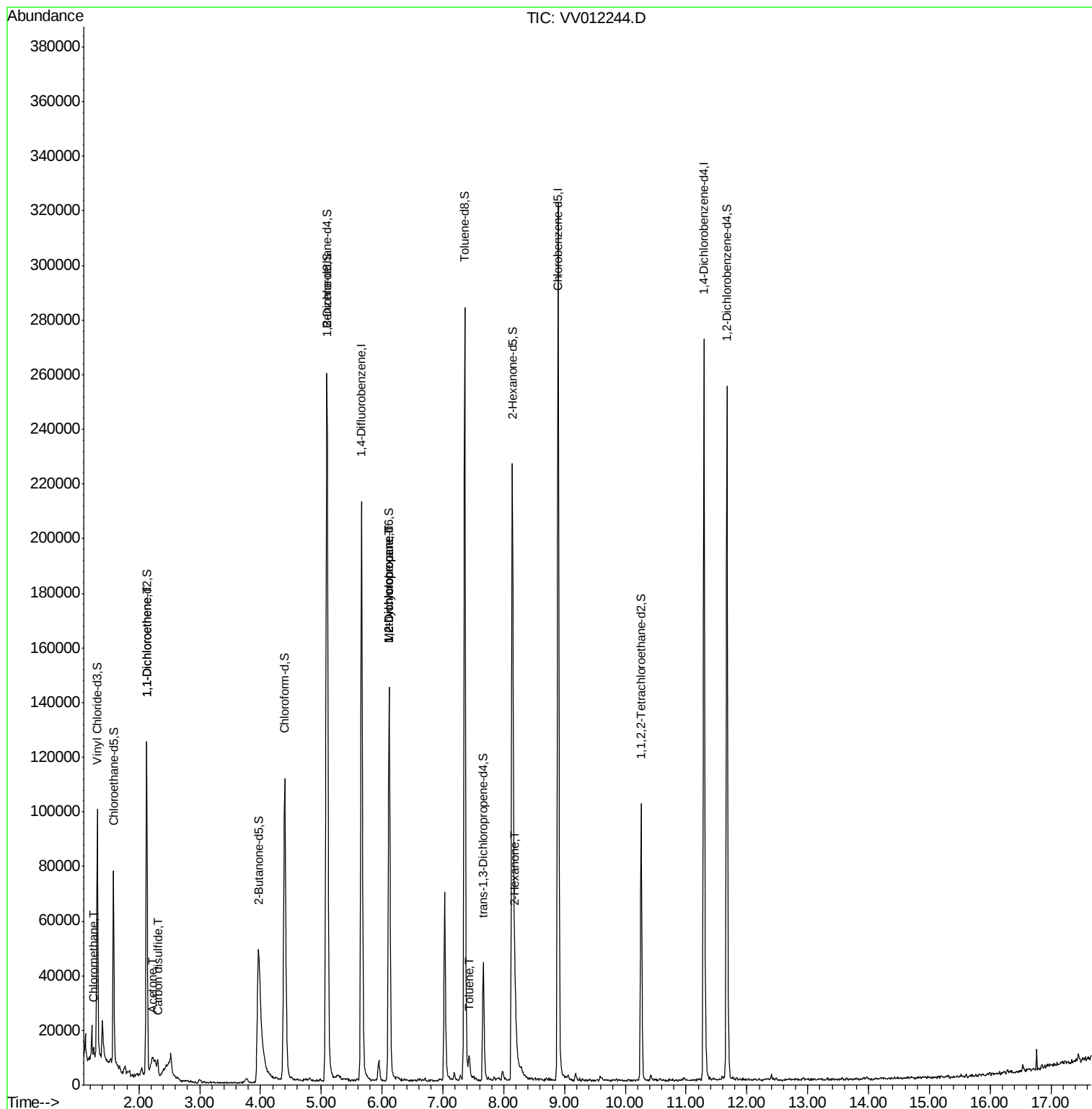
					Qvalue
3) Chloromethane	1.25	50	2413	0.153 ug/L	96
12) 1,1-Dichloroethene	2.13	96	672	0.070 ug/L #	1
13) Acetone	2.22	43	5670	3.758 ug/L	52
14) Carbon disulfide	2.31	76	2865	0.102 ug/L	95
35) Methylcyclohexane	6.12	83	17534	0.772 ug/L #	18
37) 1,2-Dichloropropane	6.12	63	7682	0.570 ug/L #	89
42) Toluene	7.43	91	4744	0.083 ug/L	93
48) 2-Hexanone	8.19	43	15327	2.937 ug/L #	84

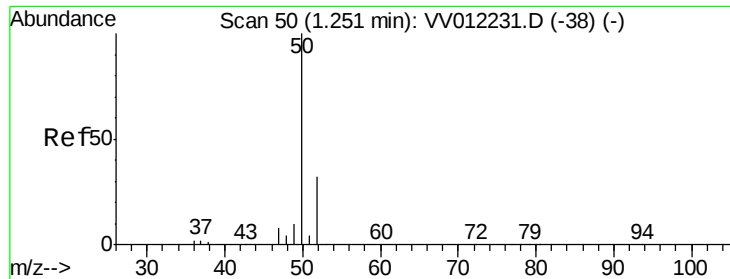
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.153 ug/L

RT: 1.25 min Scan# 51

Delta R.T. 0.00 min

Lab File: VV012244.D

Acq: 14 Aug 2019 19:32

Instrument :

MSVOA_V

ClientSampleId :

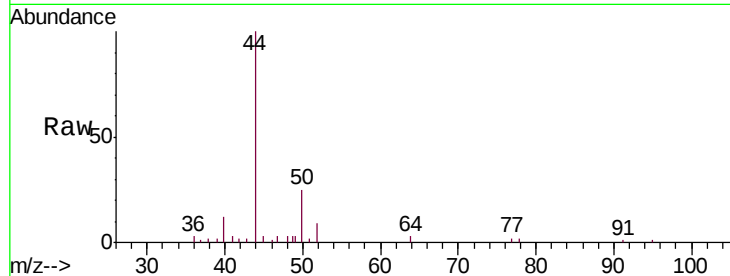
C0AJ3

Tgt Ion: 50 Resp: 2413

Ion Ratio Lower Upper

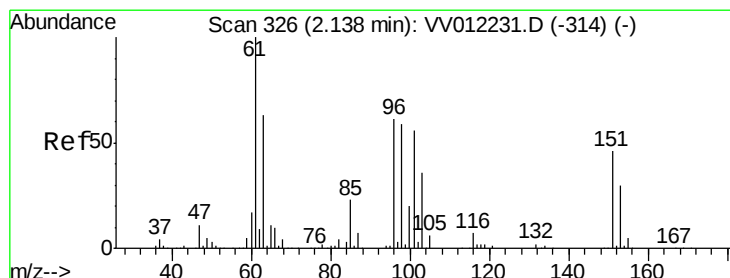
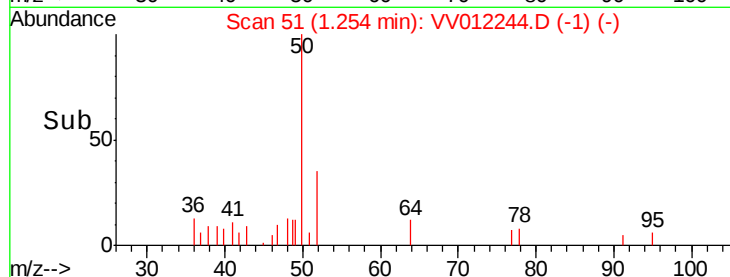
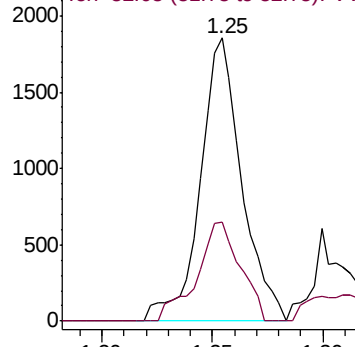
50 100

52 34.8 22.6 42.0



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0



#12

1,1-Dichloroethene

Concen: 0.070 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV012244.D

Acq: 14 Aug 2019 19:32

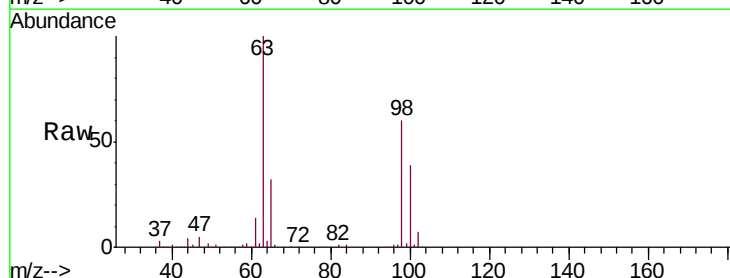
Tgt Ion: 96 Resp: 672

Ion Ratio Lower Upper

96 100

61 1489.1 119.3 221.5#

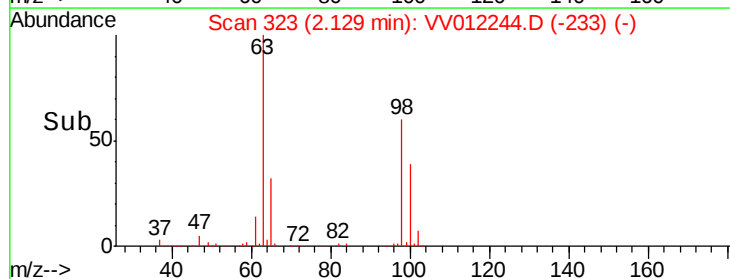
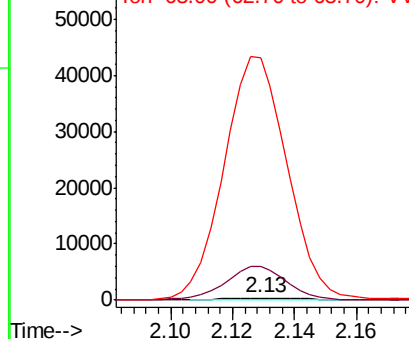
63 10644.9 74.9 139.1#

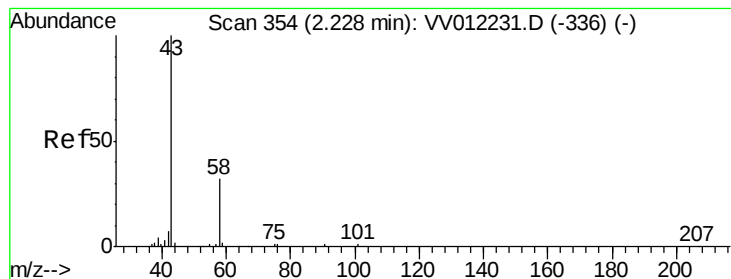


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 3.758 ug/L

RT: 2.22 min Scan# 350

Delta R.T. -0.01 min

Lab File: VV012244.D

Acq: 14 Aug 2019 19:32

Instrument :

MSVOA_V

ClientSampleId :

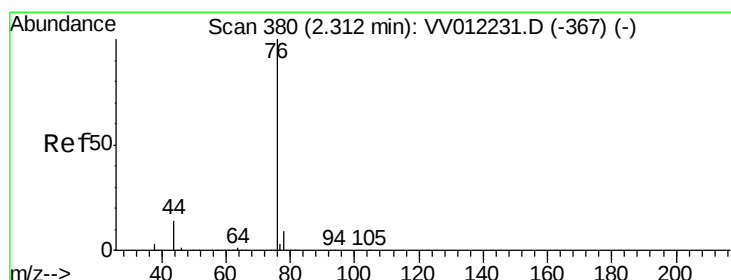
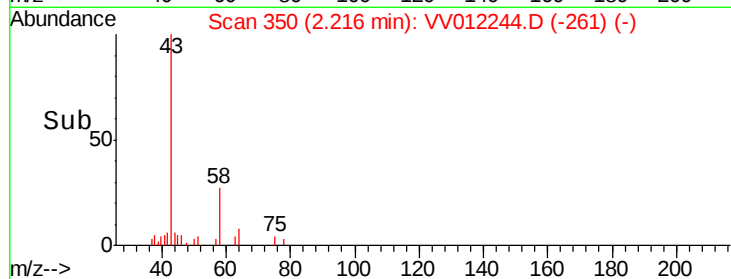
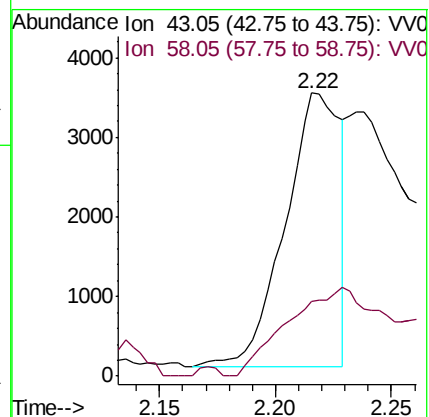
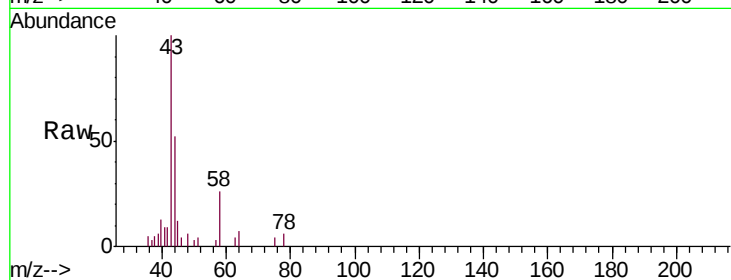
C0AJ3

Tgt Ion: 43 Resp: 5670

Ion Ratio Lower Upper

43 100

58 55.3 0.0 59.4



#14

Carbon disulfide

Concen: 0.102 ug/L

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VV012244.D

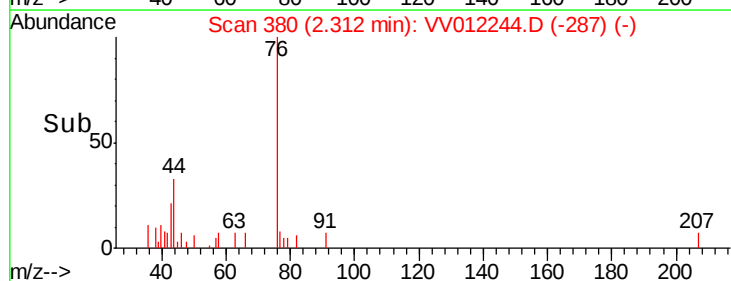
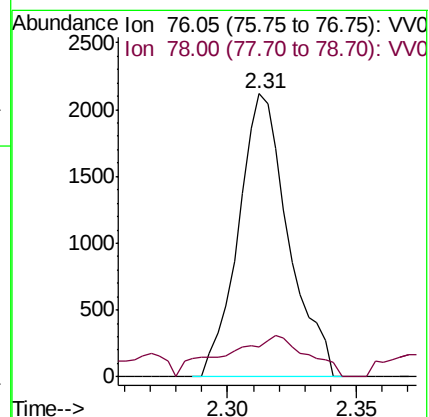
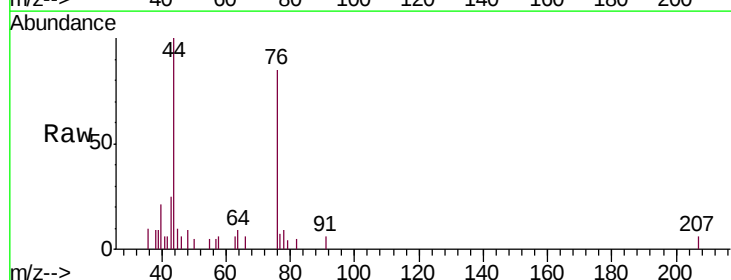
Acq: 14 Aug 2019 19:32

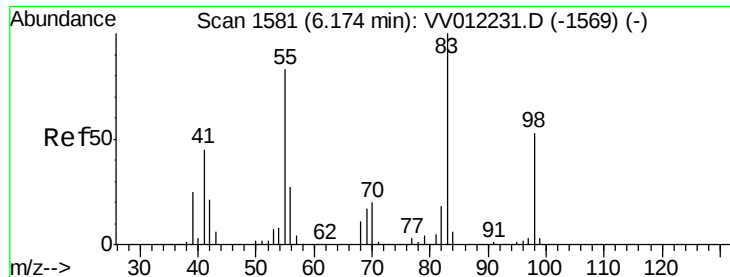
Tgt Ion: 76 Resp: 2865

Ion Ratio Lower Upper

76 100

78 10.7 7.2 10.8

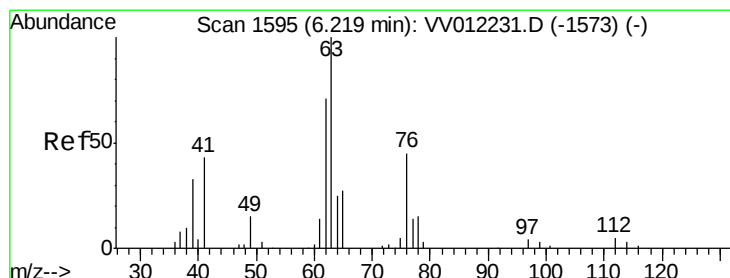
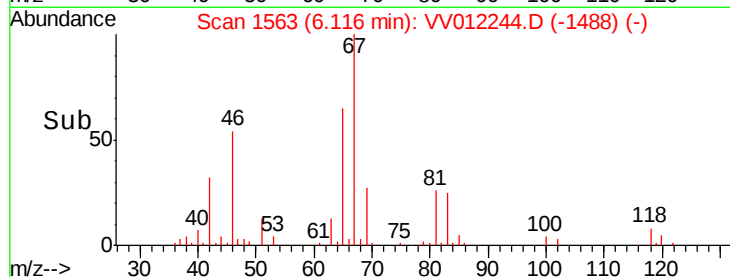
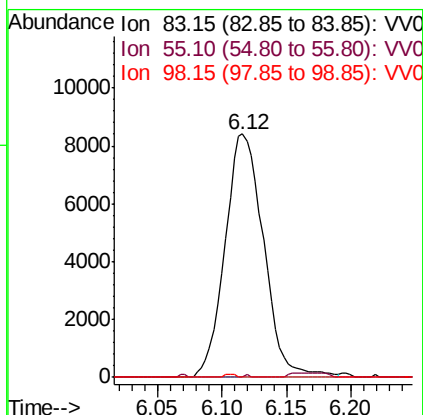
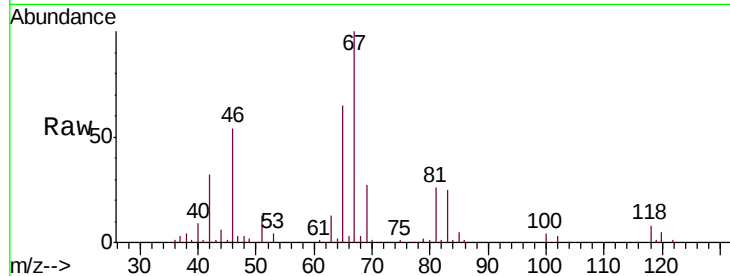




#35
Methylcyclohexane
Concen: 0.772 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV012244.D
Acq: 14 Aug 2019 19:32

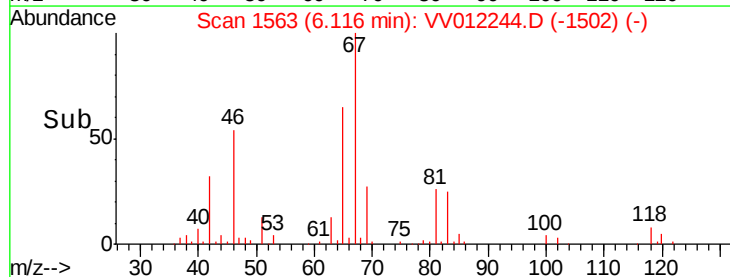
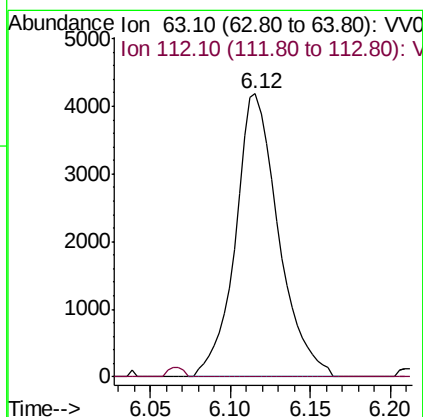
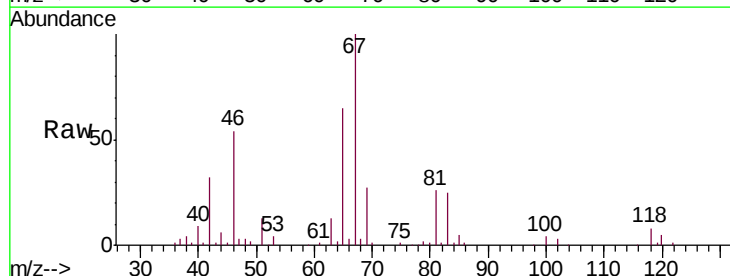
Instrument :
MSVOA_V
ClientSampled :
C0AJ3

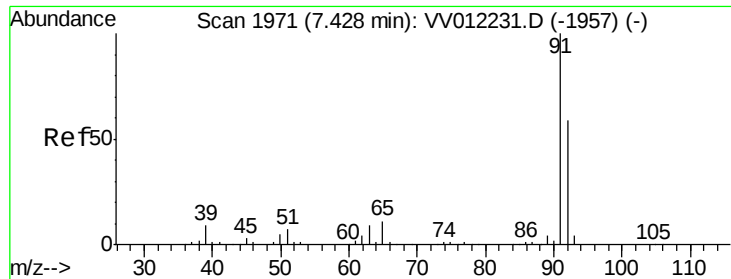
Tgt Ion: 83 Resp: 17534
Ion Ratio Lower Upper
83 100
55 0.1 62.2 93.2#
98 0.4 39.2 58.8#



#37
1,2-Dichloropropane
Concen: 0.570 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV012244.D
Acq: 14 Aug 2019 19:32

Tgt Ion: 63 Resp: 7682
Ion Ratio Lower Upper
63 100
112 1.2 3.8 5.8#





#42

Toluene

Concen: 0.083 ug/L

RT: 7.43 min Scan# 1973

Delta R.T. 0.01 min

Lab File: VV012244.D

Acq: 14 Aug 2019 19:32

Instrument :

MSVOA_V

ClientSampled :

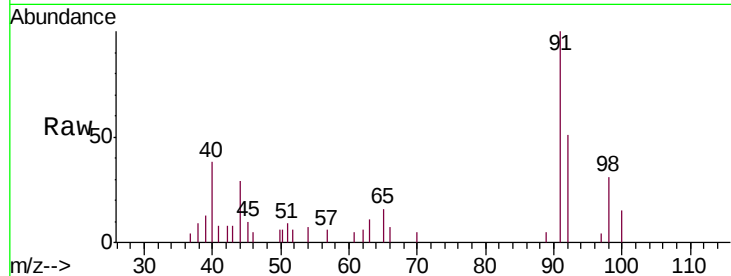
C0AJ3

Tgt Ion: 91 Resp: 4744

Ion Ratio Lower Upper

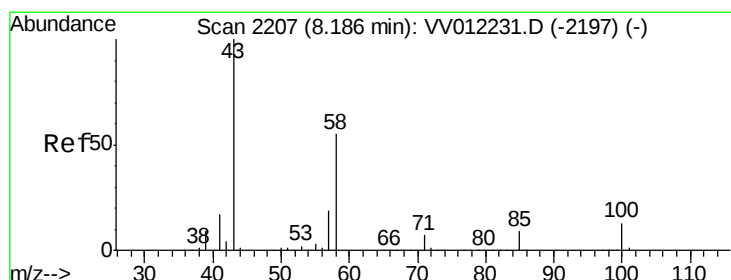
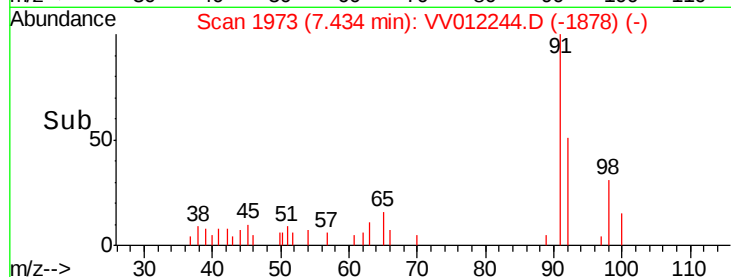
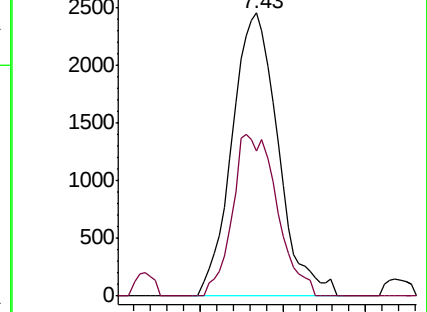
91 100

92 51.4 39.8 73.8



Abundance Ion 91.15 (90.85 to 91.85): VV012231.D (-1957) (-)

Ion 92.15 (91.85 to 92.85): VV012231.D (-1957) (-)



#48

2-Hexanone

Concen: 2.937 ug/L

RT: 8.19 min Scan# 2208

Delta R.T. 0.00 min

Lab File: VV012244.D

Acq: 14 Aug 2019 19:32

Tgt Ion: 43 Resp: 15327

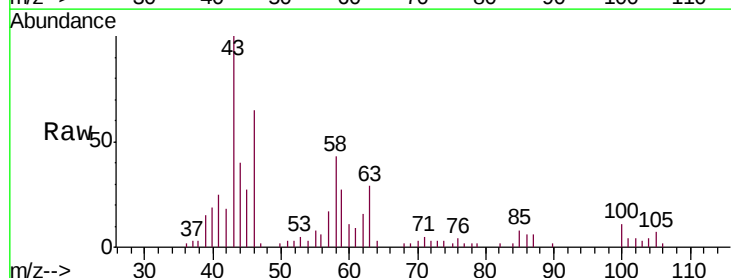
Ion Ratio Lower Upper

43 100

58 37.2 43.0 64.4#

57 19.1 14.9 22.3

100 9.7 10.3 15.5#



Abundance Ion 43.05 (42.75 to 43.75): VV012231.D (-2197) (-)

Ion 58.05 (57.75 to 58.75): VV012231.D (-2197) (-)

Ion 57.20 (56.90 to 57.90): VV012231.D (-2197) (-)

Ion 100.15 (99.85 to 100.85): VV012231.D (-2197) (-)

