

Data File : VV012241.D
Acq On : 14 Aug 2019 18:09
Operator : SY/MD
Sample : K4337-15
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AG0

Quant Time: Aug 15 23:33:16 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	190553	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	187785	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	81009	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	53592	4.56	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.20%
7) Chloroethane-d5	1.58	69	46009	5.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.60%
11) 1,1-Dichloroethene-d2	2.13	63	70861	3.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.80%
20) 2-Butanone-d5	3.94	46	41079	16.20	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	32.40%#
24) Chloroform-d	4.40	84	109121	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
26) 1,2-Dichloroethane-d4	5.08	65	56245	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.20%
32) Benzene-d6	5.10	84	225580	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
36) 1,2-Dichloropropane-d6	6.12	67	68471	4.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.80%
41) Toluene-d8	7.36	98	190676	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.80%
43) trans-1,3-Dichloropropene-	7.66	79	22893	4.27	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.40%
46) 2-Hexanone-d5	8.13	63	70383	40.94	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.88%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	46551	4.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	74040	5.40	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.00%

Target Compounds

					Qvalue
3) Chloromethane	1.26	50	2019	0.122 ug/L	91
6) Bromomethane	1.53	94	862	0.090 ug/L	74
8) Chloroethane	1.49	64	8756	0.892 ug/L #	52
12) 1,1-Dichloroethene	2.13	96	840	0.084 ug/L #	1
13) Acetone	2.18	43	4688	2.967 ug/L	97
21) 2-Butanone	3.99	43	7769	2.405 ug/L	77
25) Chloroform	4.42	83	5255	0.189 ug/L	99
27) 1,2-Dichloroethane	5.10	62	1478	0.097 ug/L #	74
35) Methylcyclohexane	6.12	83	17004	0.713 ug/L #	18
37) 1,2-Dichloropropane	6.11	63	7682	0.544 ug/L #	86
39) cis-1,3-Dichloropropene	7.03	75	1910	0.098 ug/L #	64
44) trans-1,3-Dichloropropene	7.66	75	1017	0.066 ug/L #	66
48) 2-Hexanone	8.18	43	6191	1.130 ug/L #	71
52) Ethylbenzene	9.06	91	5159	0.080 ug/L	99
56) Isopropylbenzene	9.97	105	9694	0.155 ug/L #	95
69) Naphthalene	13.55	128	64094	2.930 ug/L	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV081419\
Quantitation Report (Not Reviewed)

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Aug 15 23:30:01 2019
Response via : Initial Calibration

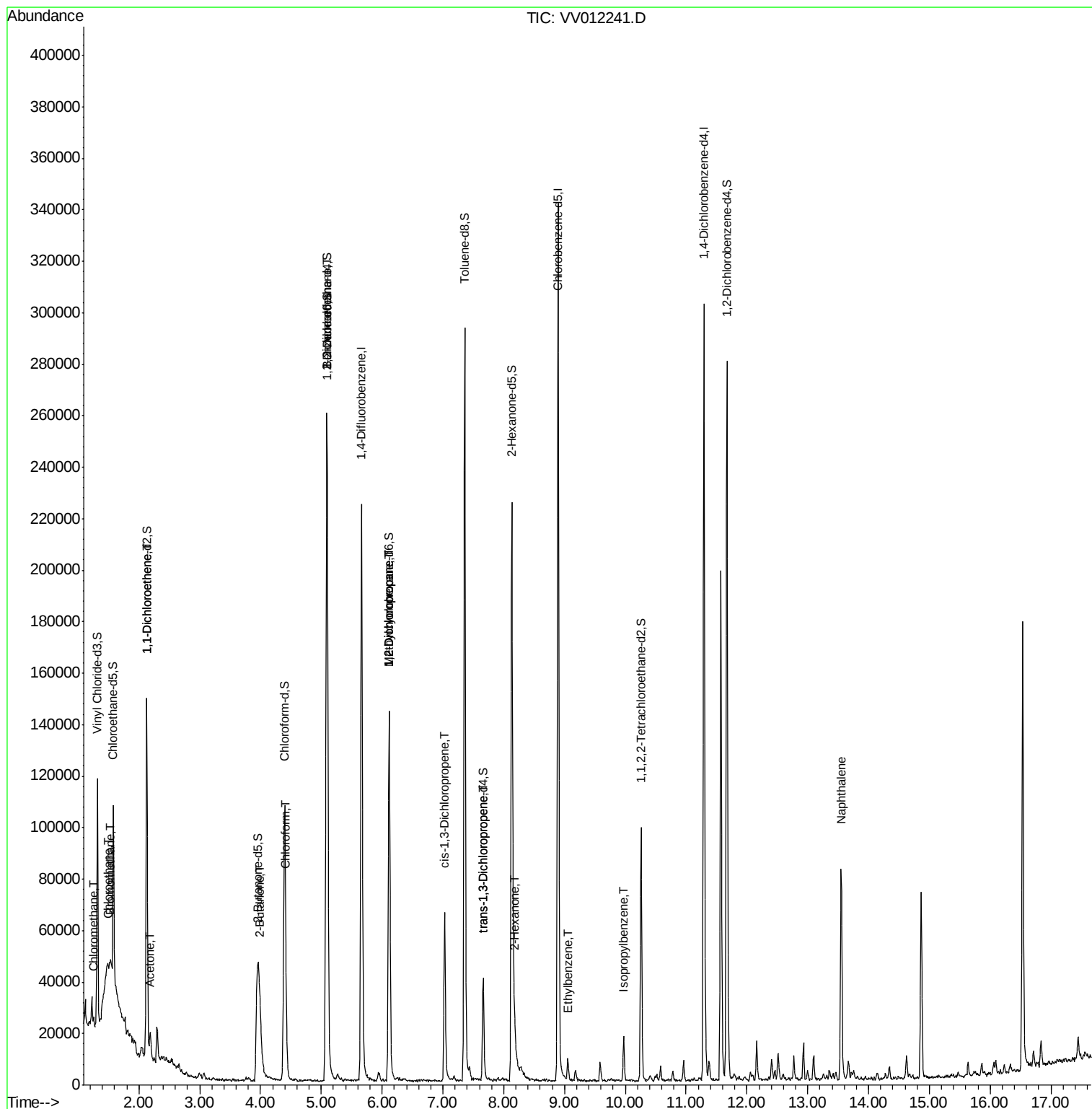
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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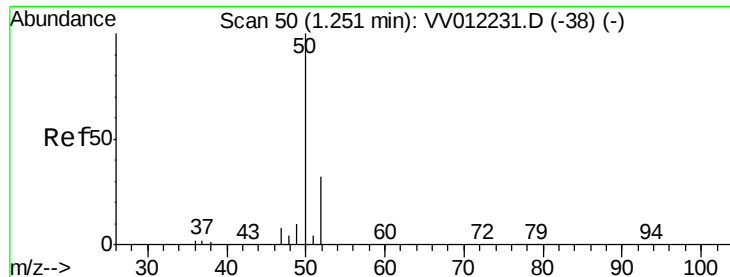
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.122 ug/L

RT: 1.26 min Scan# 52

Delta R.T. 0.01 min

Lab File: VV012241.D

Acq: 14 Aug 2019 18:09

Instrument :

MSVOA_V

ClientSampleId :

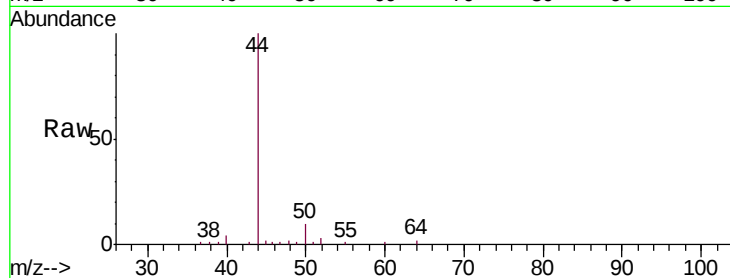
C0AG0

Tgt Ion: 50 Resp: 2019

Ion Ratio Lower Upper

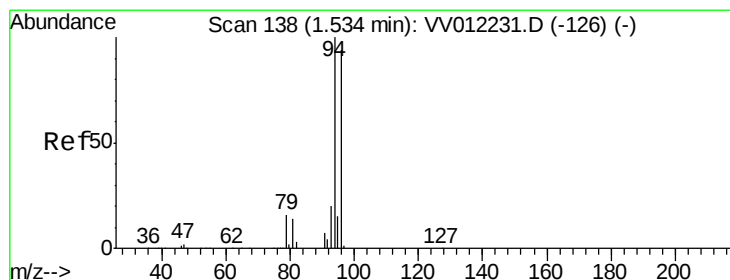
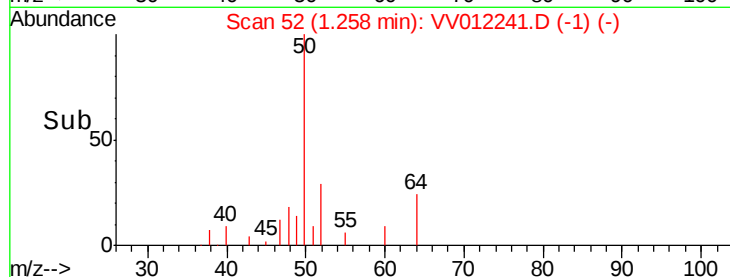
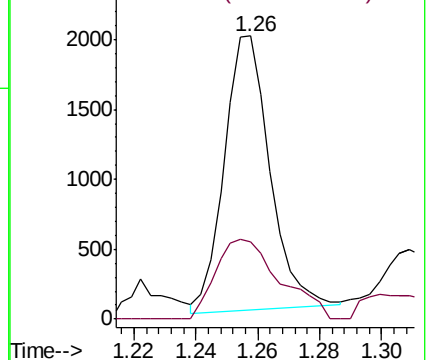
50 100

52 27.5 22.6 42.0



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0



#6

Bromomethane

Concen: 0.090 ug/L

RT: 1.53 min Scan# 138

Delta R.T. 0.00 min

Lab File: VV012241.D

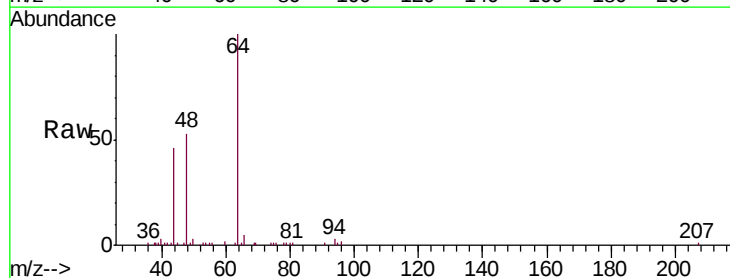
Acq: 14 Aug 2019 18:09

Tgt Ion: 94 Resp: 862

Ion Ratio Lower Upper

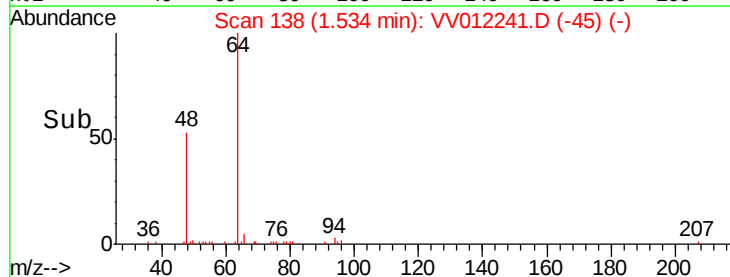
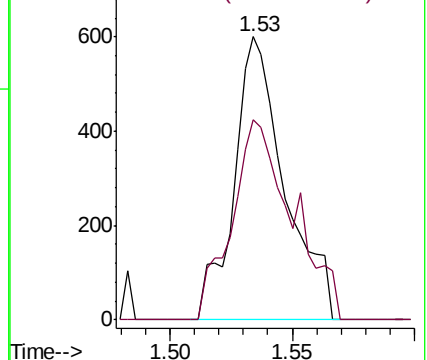
94 100

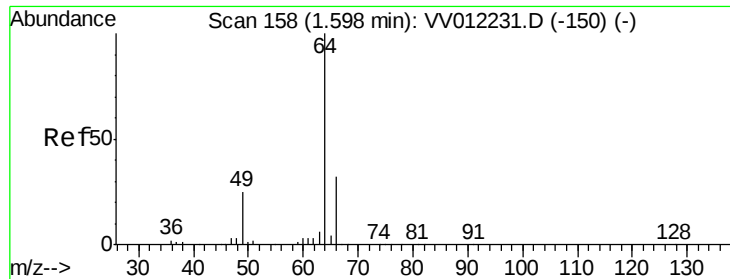
96 70.8 67.3 125.1



Abundance Ion 94.00 (93.70 to 94.70): VV0

Ion 96.00 (95.70 to 96.70): VV0





#8

Chloroethane

Concen: 0.892 ug/L

RT: 1.49 min Scan# 125

Delta R.T. -0.11 min

Lab File: VV012241.D

Acq: 14 Aug 2019 18:09

Instrument :

MSVOA_V

ClientSampleId :

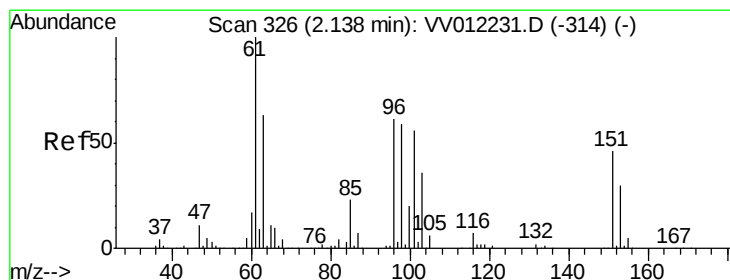
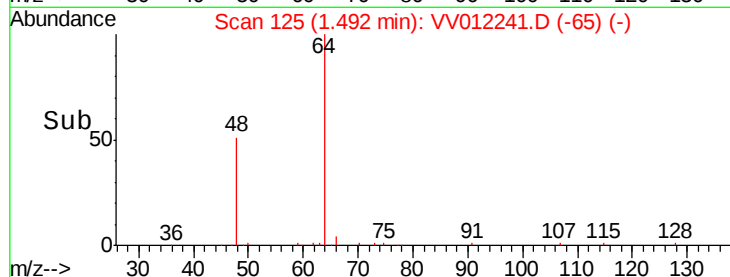
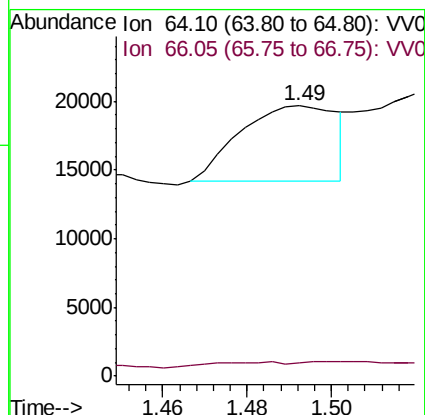
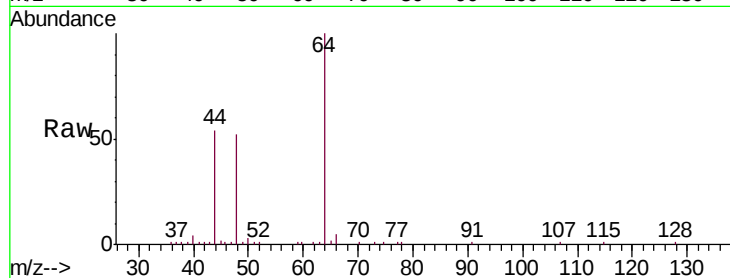
C0AG0

Tgt Ion: 64 Resp: 8756

Ion Ratio Lower Upper

64 100

66 4.8 21.8 40.4#



#12

1,1-Dichloroethene

Concen: 0.084 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV012241.D

Acq: 14 Aug 2019 18:09

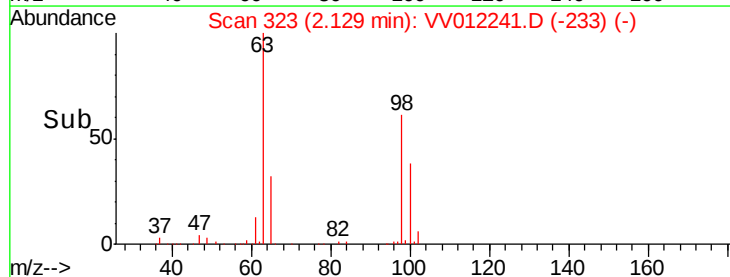
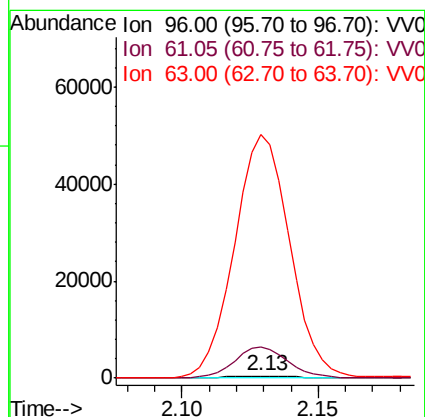
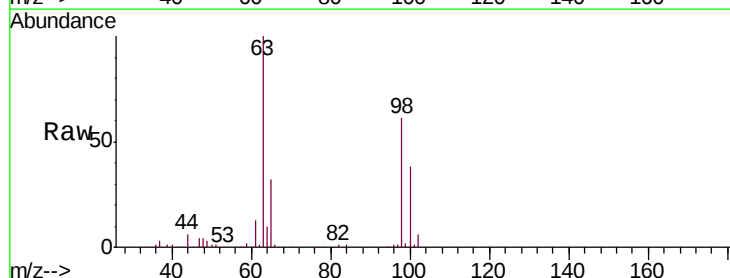
Tgt Ion: 96 Resp: 840

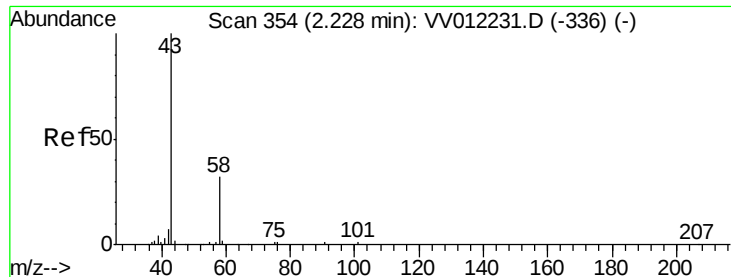
Ion Ratio Lower Upper

96 100

61 1421.4 119.3 221.5#

63 11203.6 74.9 139.1#





#13

Acetone

Concen: 2.967 ug/L

RT: 2.18 min Scan# 340

Delta R.T. -0.04 min

Lab File: VV012241.D

Acq: 14 Aug 2019 18:09

Instrument :

MSVOA_V

ClientSampleId :

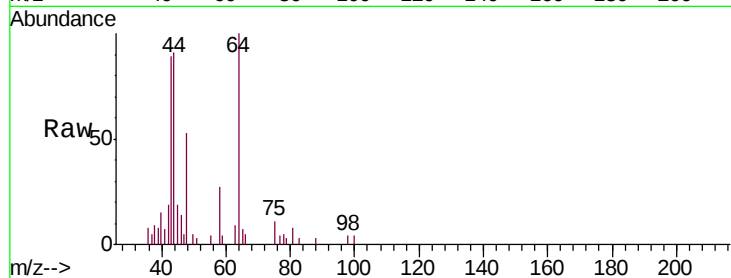
C0AG0

Tgt Ion: 43 Resp: 4688

Ion Ratio Lower Upper

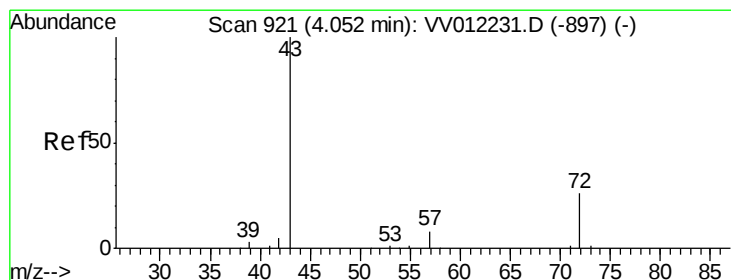
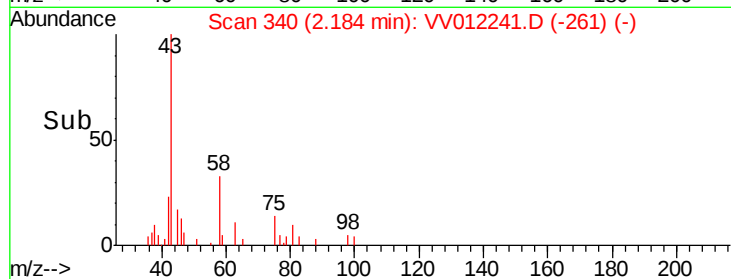
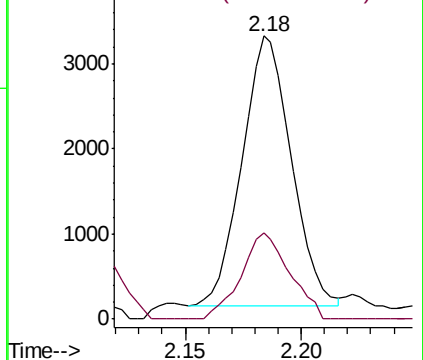
43 100

58 31.5 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: 2.405 ug/L

RT: 3.99 min Scan# 902

Delta R.T. -0.06 min

Lab File: VV012241.D

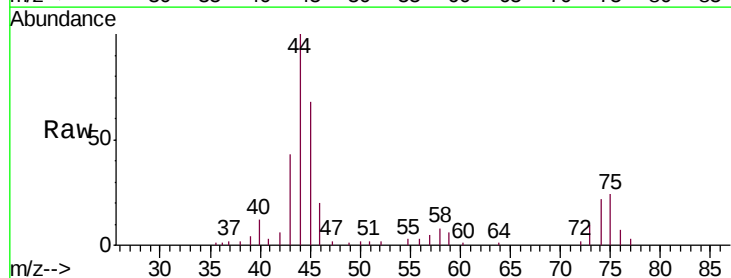
Acq: 14 Aug 2019 18:09

Tgt Ion: 43 Resp: 7769

Ion Ratio Lower Upper

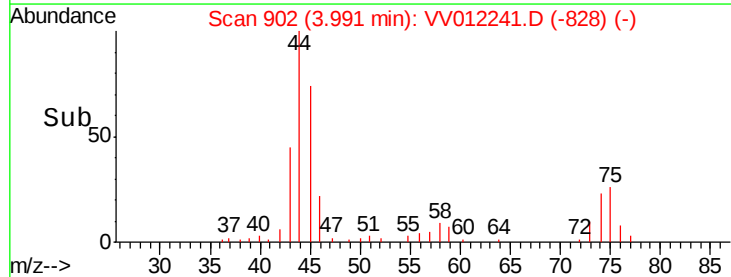
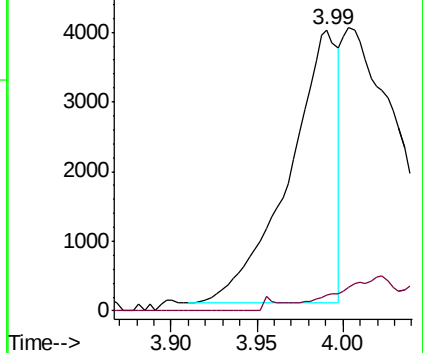
43 100

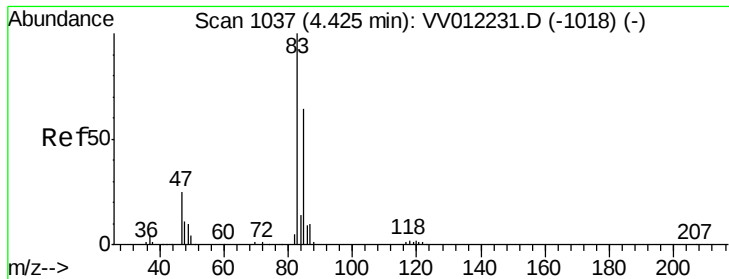
72 13.9 12.9 38.7



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 72.10 (71.80 to 72.80): VV0





#25

Chloroform

Concen: 0.189 ug/L

RT: 4.42 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VV012241.D

Acq: 14 Aug 2019 18:09

Instrument :

MSVOA_V

ClientSampleId :

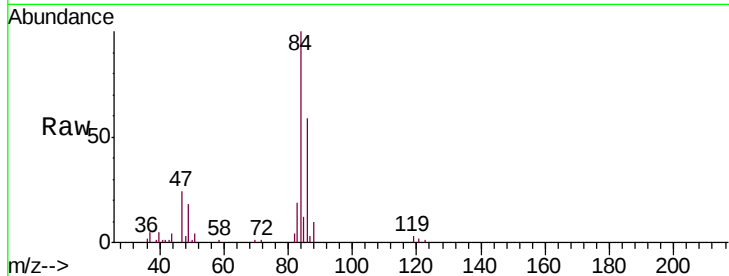
C0AG0

Tgt Ion: 83 Resp: 5255

Ion Ratio Lower Upper

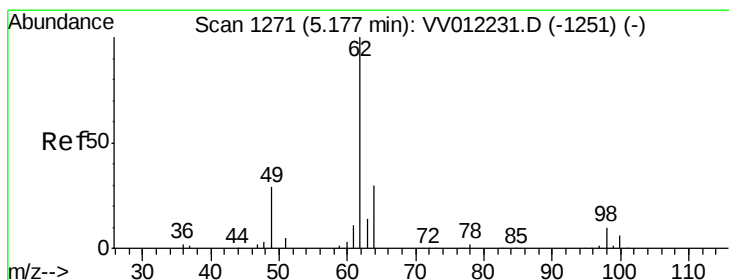
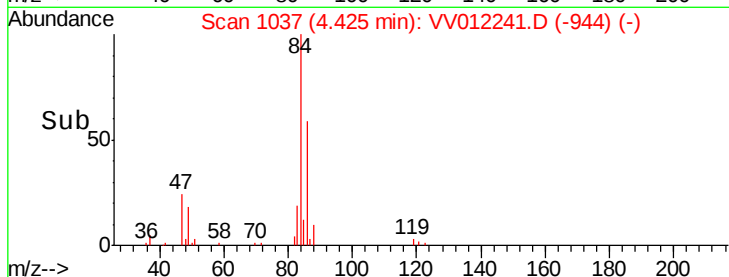
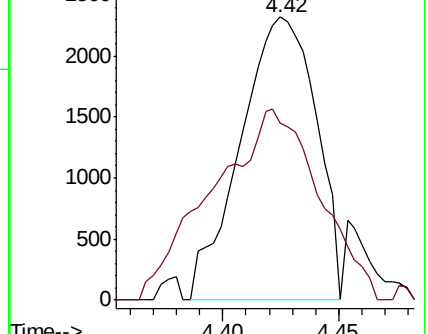
83 100

85 62.4 44.3 82.3



Abundance Ion 83.05 (82.75 to 83.75): VV0

Ion 85.00 (84.70 to 85.70): VV0



#27

1,2-Dichloroethane

Concen: 0.097 ug/L

RT: 5.10 min Scan# 1248

Delta R.T. -0.07 min

Lab File: VV012241.D

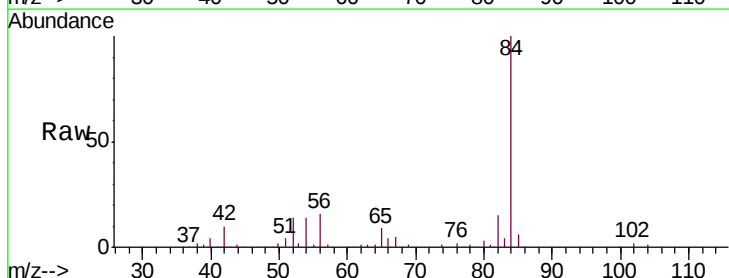
Acq: 14 Aug 2019 18:09

Tgt Ion: 62 Resp: 1478

Ion Ratio Lower Upper

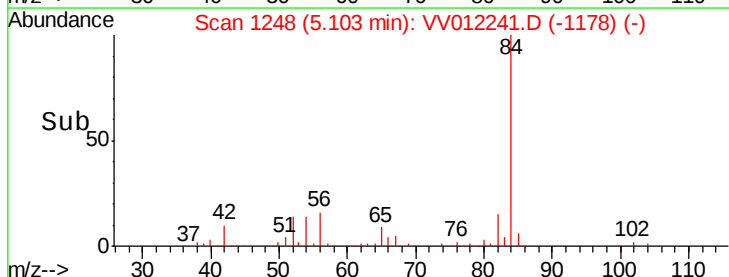
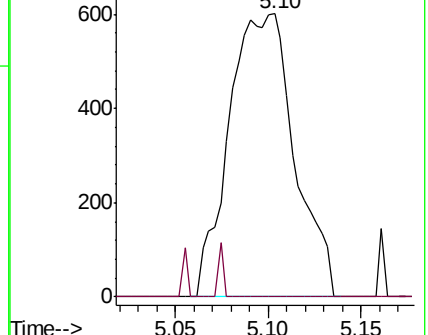
62 100

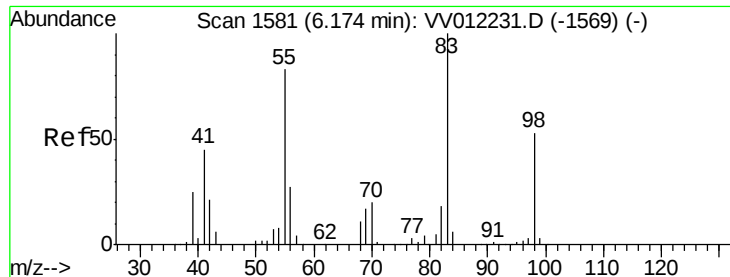
98 0.0 7.5 11.3#



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 98.05 (97.75 to 98.75): VV0

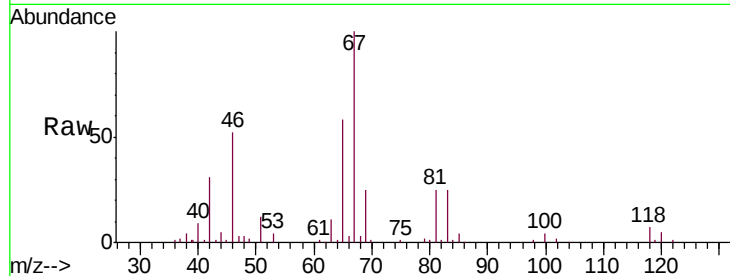




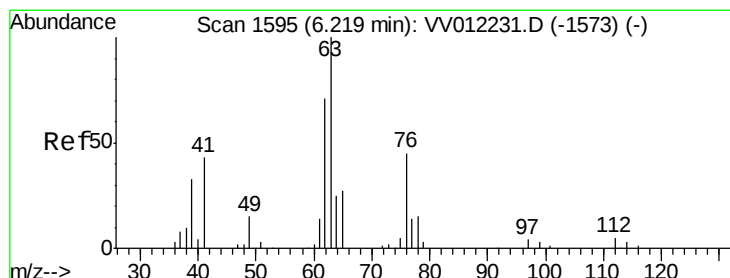
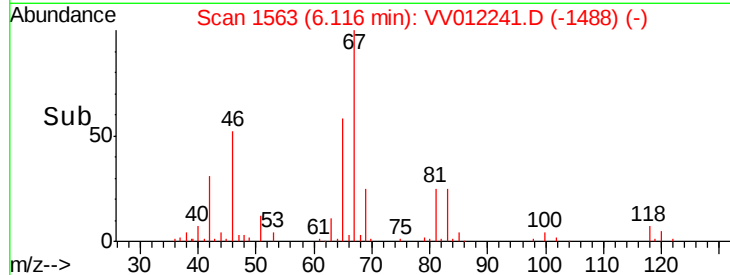
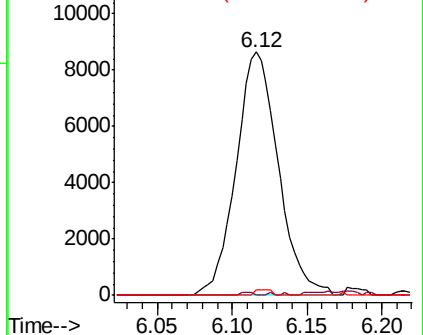
#35
Methylcyclohexane
Concen: 0.713 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV012241.D
Acq: 14 Aug 2019 18:09

Instrument :
MSVOA_V
ClientSampleId :
C0AG0

Tgt Ion: 83 Resp: 17004
Ion Ratio Lower Upper
83 100
55 0.4 62.2 93.2#
98 0.8 39.2 58.8#

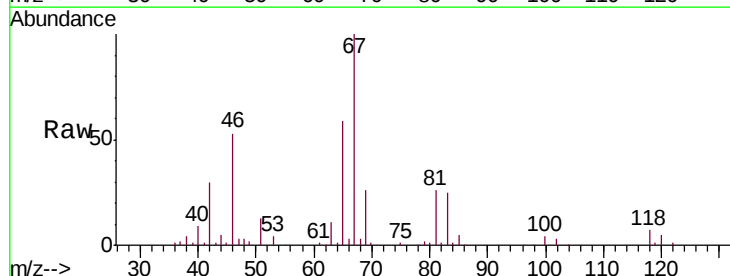


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

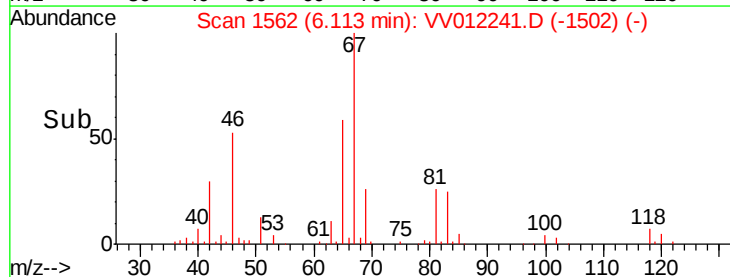
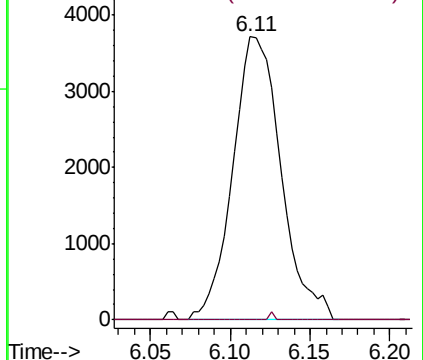


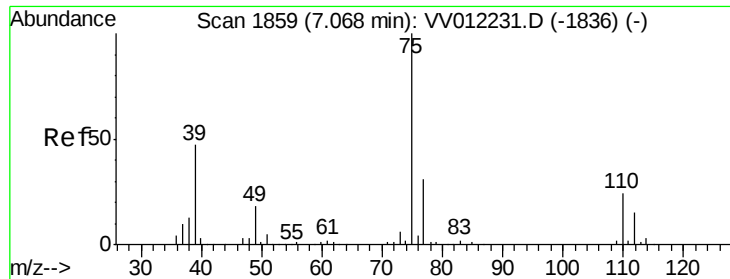
#37
1,2-Dichloropropane
Concen: 0.544 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.11 min
Lab File: VV012241.D
Acq: 14 Aug 2019 18:09

Tgt Ion: 63 Resp: 7682
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

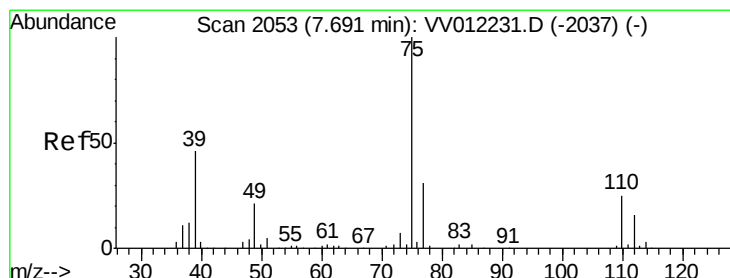
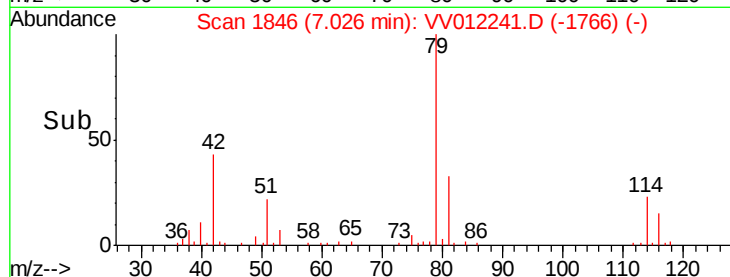
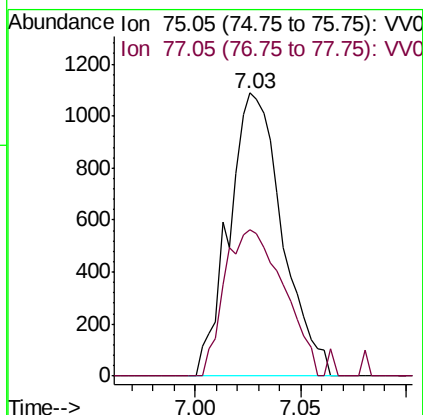
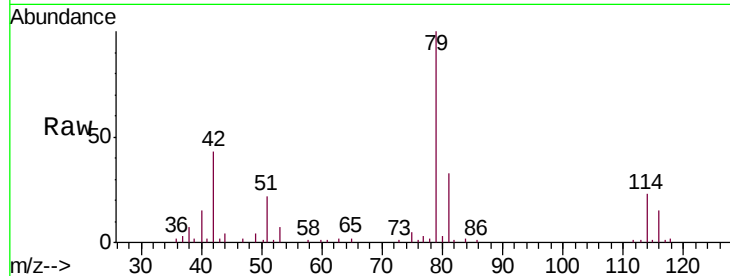




#39
 cis-1,3-Dichloropropene
 Concen: 0.098 ug/L
 RT: 7.03 min Scan# 1846
 Delta R.T. -0.04 min
 Lab File: VV012241.D
 Acq: 14 Aug 2019 18:09

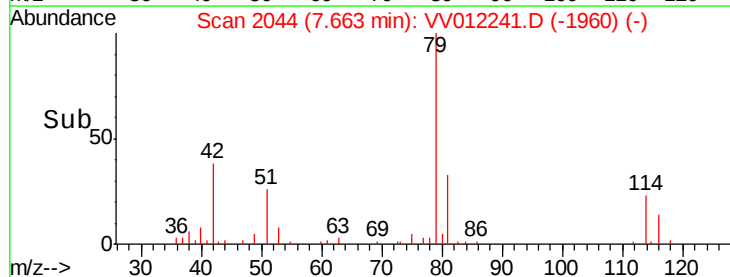
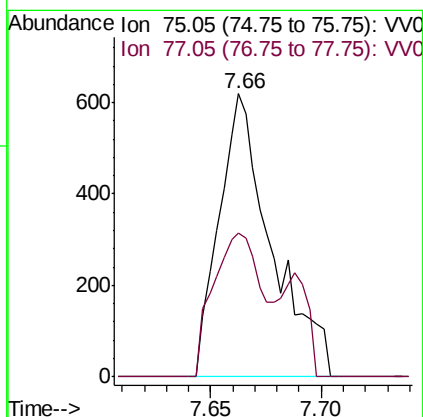
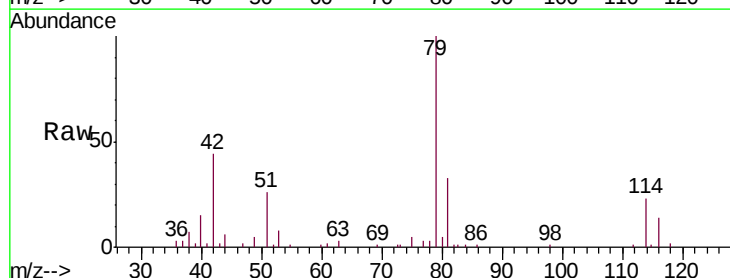
Instrument :
 MSVOA_V
 ClientSampleId :
 C0AG0

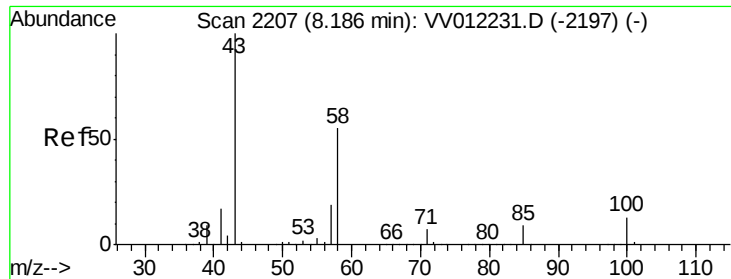
Tgt Ion: 75 Resp: 1910
 Ion Ratio Lower Upper
 75 100
 77 51.8 22.2 41.2#



#44
 trans-1,3-Dichloropropene
 Concen: 0.066 ug/L
 RT: 7.66 min Scan# 2044
 Delta R.T. -0.03 min
 Lab File: VV012241.D
 Acq: 14 Aug 2019 18:09

Tgt Ion: 75 Resp: 1017
 Ion Ratio Lower Upper
 75 100
 77 50.9 22.5 41.7#

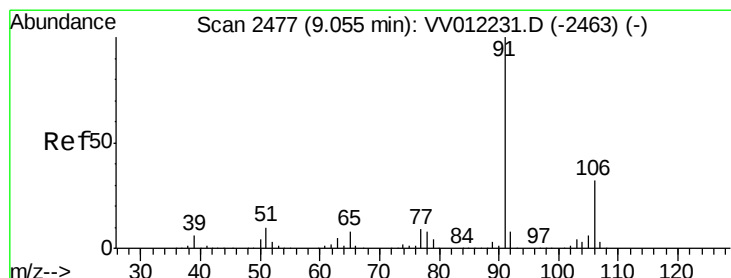
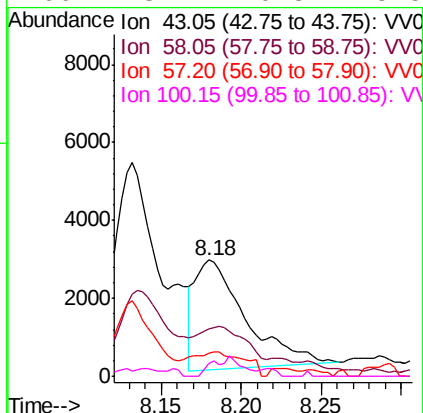
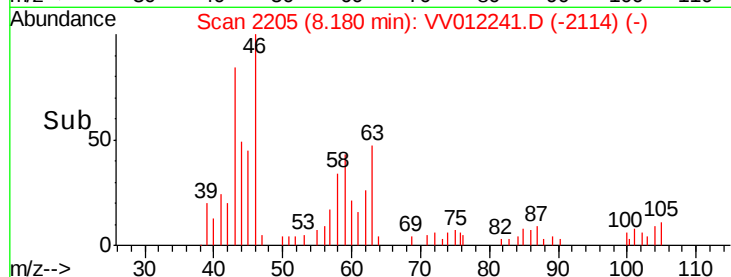
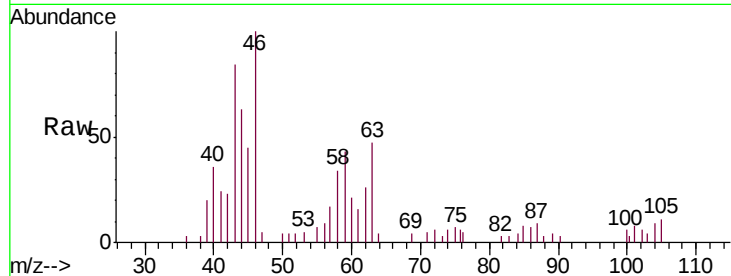




#48
2-Hexanone
Concen: 1.130 ug/L
RT: 8.18 min Scan# 2205
Delta R.T. -0.01 min
Lab File: VV012241.D
Acq: 14 Aug 2019 18:09

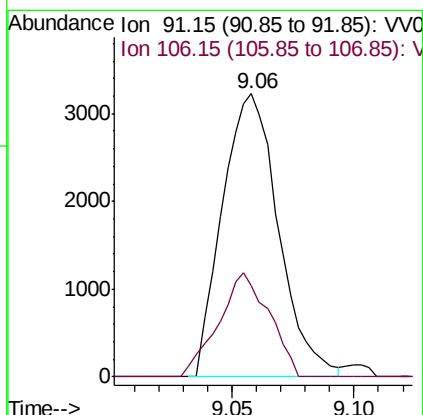
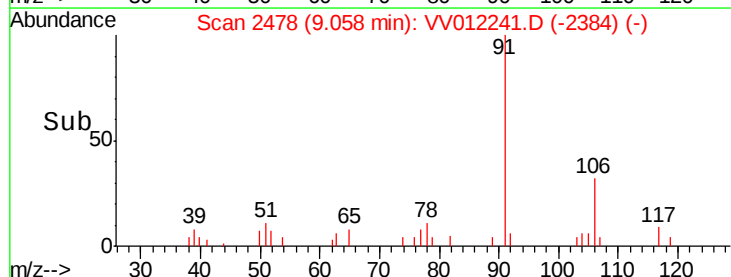
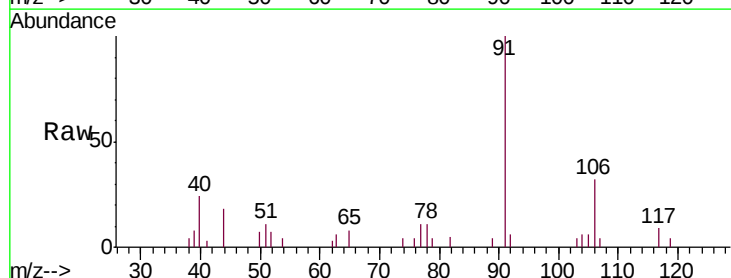
Instrument :
MSVOA_V
ClientSampleId :
C0AG0

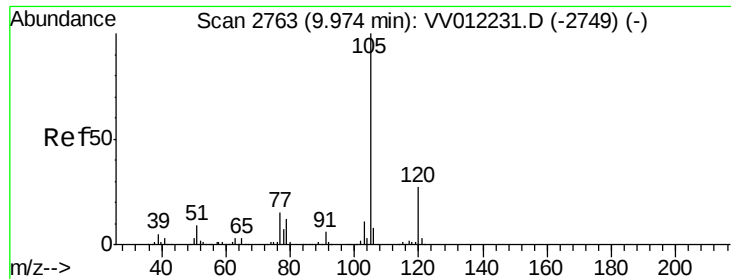
Tgt Ion: 43 Resp: 6191
Ion Ratio Lower Upper
43 100
58 28.0 43.0 64.4#
57 23.6 14.9 22.3#
100 3.7 10.3 15.5#



#52
Ethylbenzene
Concen: 0.080 ug/L
RT: 9.06 min Scan# 2478
Delta R.T. 0.00 min
Lab File: VV012241.D
Acq: 14 Aug 2019 18:09

Tgt Ion: 91 Resp: 5159
Ion Ratio Lower Upper
91 100
106 32.2 22.3 41.3





#56

Isopropylbenzene

Concen: 0.155 ug/L

RT: 9.97 min Scan# 2763

Delta R.T. 0.00 min

Lab File: VV012241.D

Acq: 14 Aug 2019 18:09

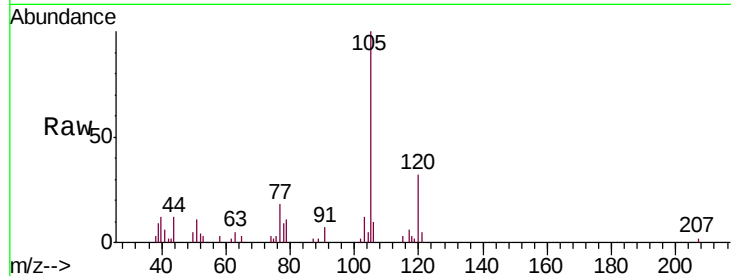
Instrument :

MSVOA_V

ClientSampleId :

C0AG0

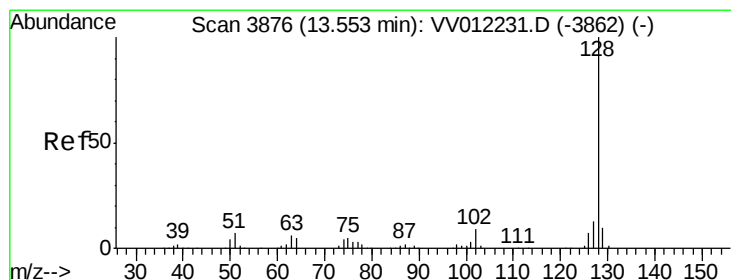
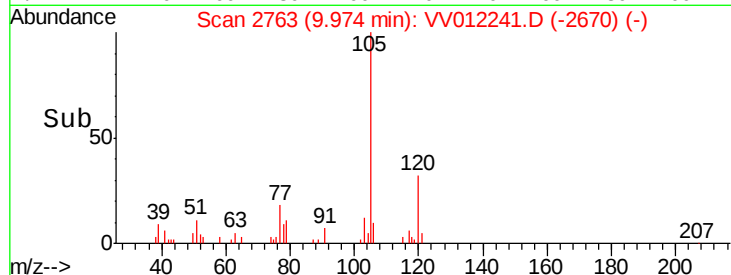
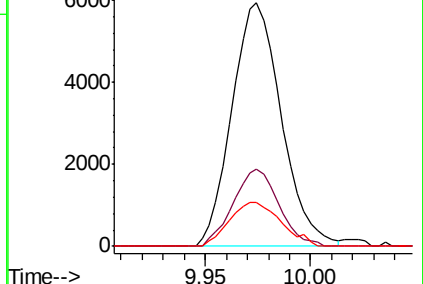
Tgt Ion:	105	Resp:	9694
Ion	Ratio	Lower	Upper
105	100		
120	29.2	22.0	33.0
77	18.8	12.5	18.7#



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): V



#69

Naphthalene

Concen: 2.930 ug/L

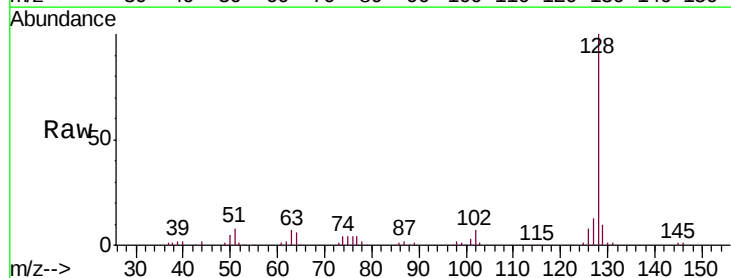
RT: 13.55 min Scan# 3876

Delta R.T. 0.00 min

Lab File: VV012241.D

Acq: 14 Aug 2019 18:09

Tgt Ion:	128	Resp:	64094
Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.6	12.8
127	13.5	10.1	15.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

