

Data File : VV012249.D
Acq On : 15 Aug 2019 15:19
Operator : SY/MD
Sample : K4373-07
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AG6

Quant Time: Aug 16 04:24:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR081319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Aug 16 04:21:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	177128	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	172422	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	75529	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	40080	3.67	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.40%
7) Chloroethane-d5	1.58	69	28888	3.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	69.20%
11) 1,1-Dichloroethene-d2	2.13	63	56173	3.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.80%
20) 2-Butanone-d5	3.94	46	34982	14.84	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	29.68%#
24) Chloroform-d	4.40	84	84220	3.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.00%
26) 1,2-Dichloroethane-d4	5.08	65	44849	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.80%
32) Benzene-d6	5.10	84	183160	4.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.00%
36) 1,2-Dichloropropane-d6	6.11	67	52950	4.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.40%
41) Toluene-d8	7.36	98	162304	4.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.40%
43) trans-1,3-Dichloropropene-	7.66	79	19923	4.05	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.00%
46) 2-Hexanone-d5	8.13	63	38995	24.70	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	49.40%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	31064	3.47	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	69.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	60157	4.71	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.20%

Target Compounds

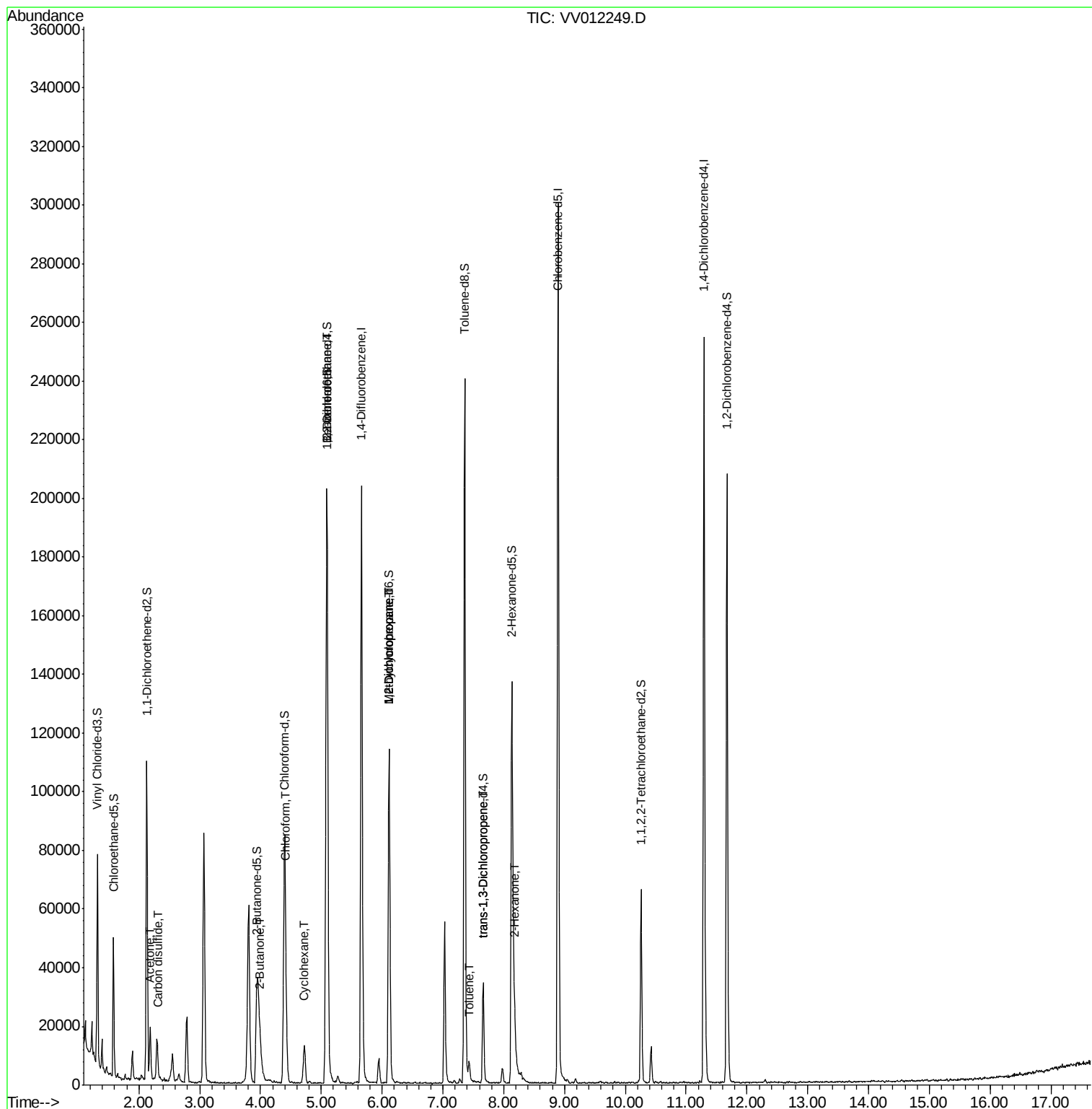
					Qvalue
13) Acetone	2.18	43	15508	10.558	ug/L 98
14) Carbon disulfide	2.32	76	1314	0.048	ug/L # 89
21) 2-Butanone	4.00	43	12746	4.244	ug/L # 61
25) Chloroform	4.42	83	10306	0.399	ug/L 97
27) 1,2-Dichloroethane	5.09	62	1179	0.083	ug/L # 74
30) Cyclohexane	4.72	56	6512	0.310	ug/L 98
35) Methylcyclohexane	6.11	83	13309	0.608	ug/L # 18
37) 1,2-Dichloropropane	6.11	63	6570	0.506	ug/L # 85
42) Toluene	7.43	91	4556	0.082	ug/L 96
44) trans-1,3-Dichloropropene	7.66	75	777	0.055	ug/L # 48
48) 2-Hexanone	8.18	43	9055	1.801	ug/L # 94

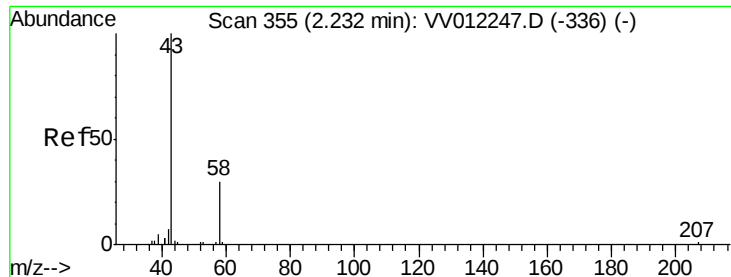
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
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Response via : Initial Calibration





#13

Acetone

Concen: 10.558 ug/L

RT: 2.18 min Scan# 340

Delta R.T. -0.05 min

Lab File: VV012249.D

Acq: 15 Aug 2019 15:19

Instrument :

MSVOA_V

ClientSampleId :

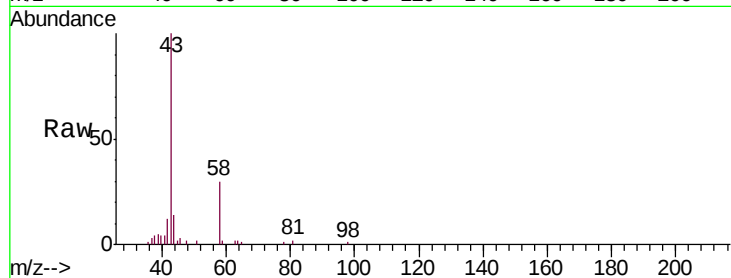
C0AG6

Tgt Ion: 43 Resp: 15508

Ion Ratio Lower Upper

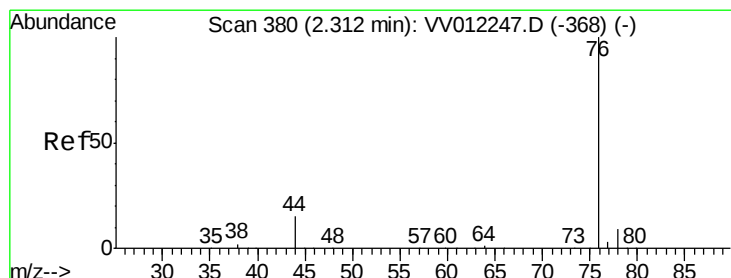
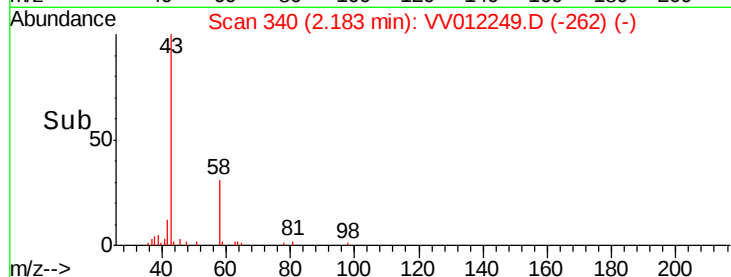
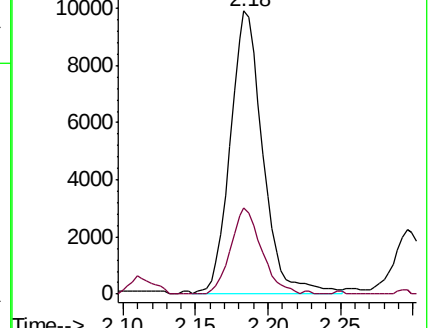
43 100

58 28.6 0.0 59.4



Abundance Ion 43.05 (42.75 to 43.75): VV012247.D (-336) (-)

Ion 58.05 (57.75 to 58.75): VV012247.D (-336) (-)



#14

Carbon disulfide

Concen: 0.048 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.01 min

Lab File: VV012249.D

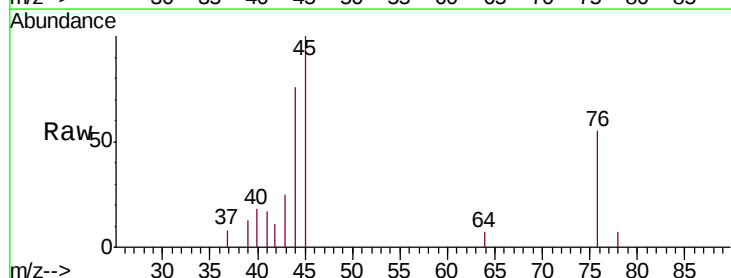
Acq: 15 Aug 2019 15:19

Tgt Ion: 76 Resp: 1314

Ion Ratio Lower Upper

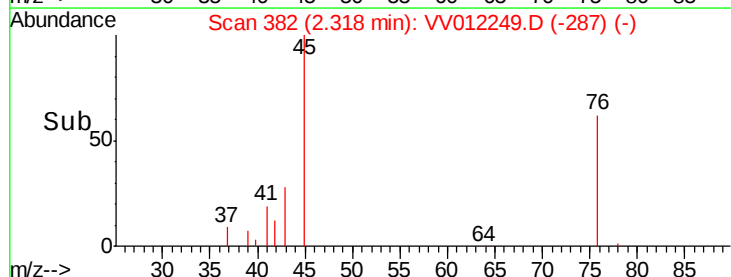
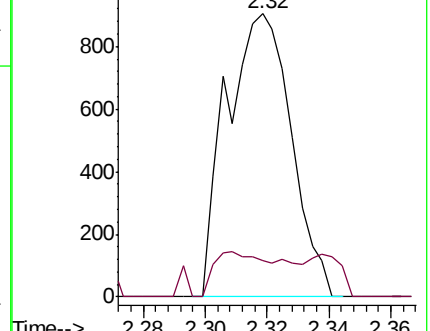
76 100

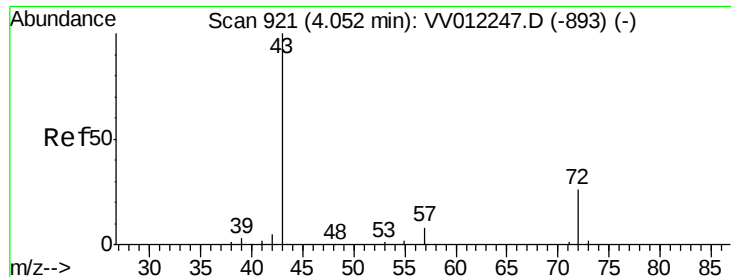
78 13.1 7.2 10.8#



Abundance Ion 76.05 (75.75 to 76.75): VV012247.D (-368) (-)

Ion 78.00 (77.70 to 78.70): VV012247.D (-368) (-)





#21

2-Butanone

Concen: 4.244 ug/L

RT: 4.00 min Scan# 906

Delta R.T. -0.05 min

Lab File: VV012249.D

Acq: 15 Aug 2019 15:19

Instrument :

MSVOA_V

ClientSampled :

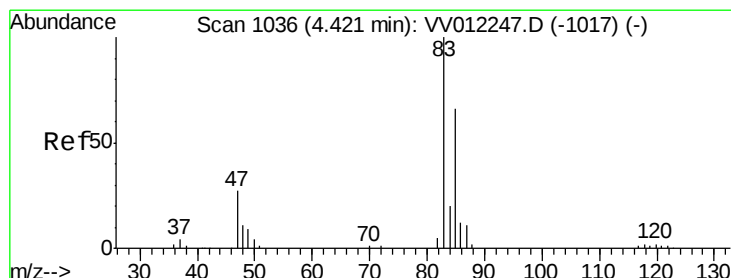
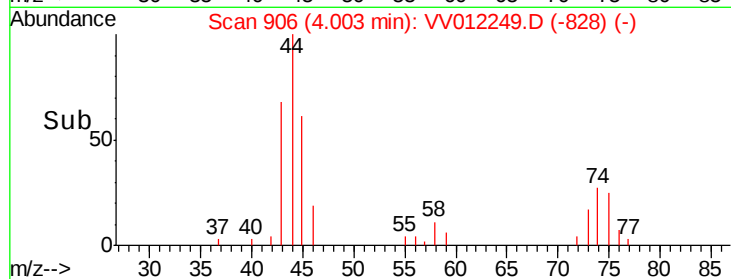
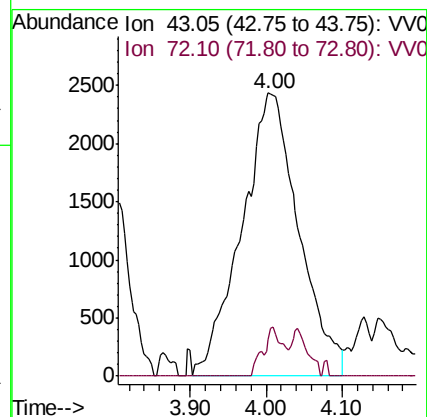
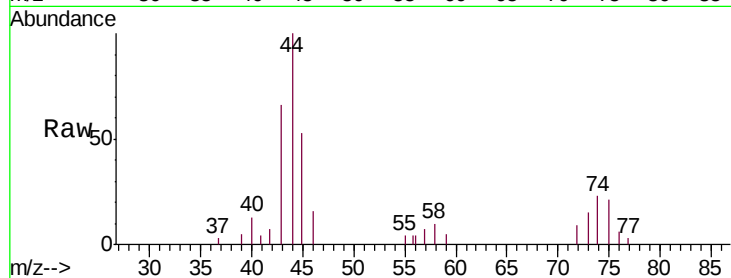
C0AG6

Tgt Ion: 43 Resp: 12746

Ion Ratio Lower Upper

43 100

72 5.9 12.9 38.7#



#25

Chloroform

Concen: 0.399 ug/L

RT: 4.42 min Scan# 1036

Delta R.T. -0.00 min

Lab File: VV012249.D

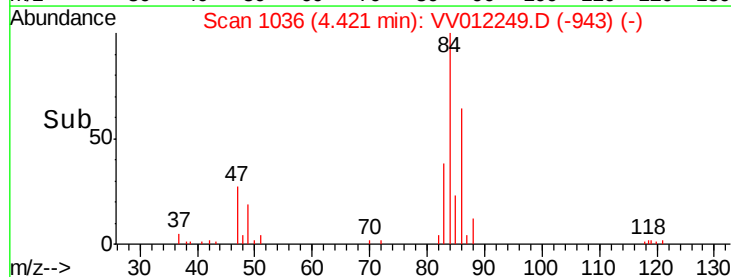
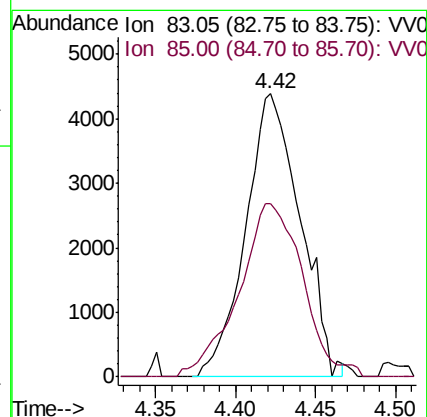
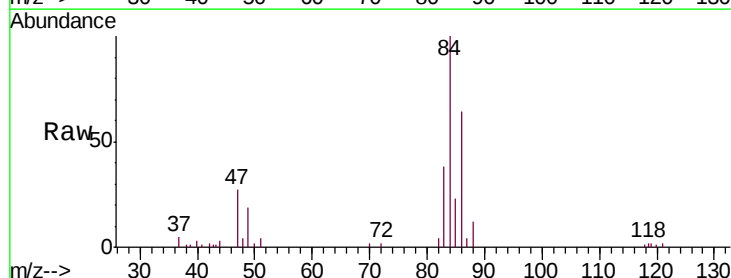
Acq: 15 Aug 2019 15:19

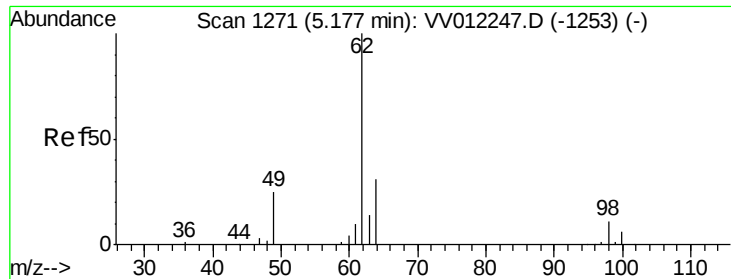
Tgt Ion: 83 Resp: 10306

Ion Ratio Lower Upper

83 100

85 61.2 44.3 82.3

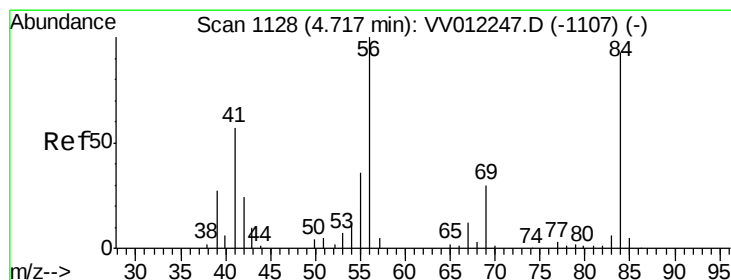
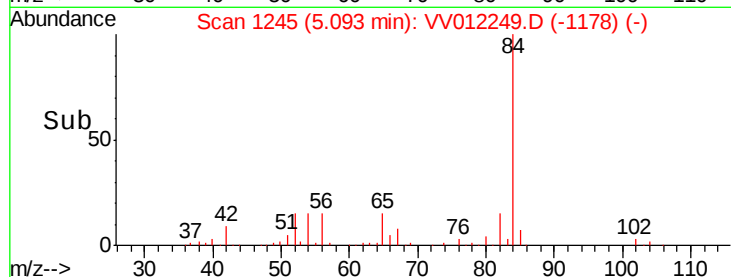
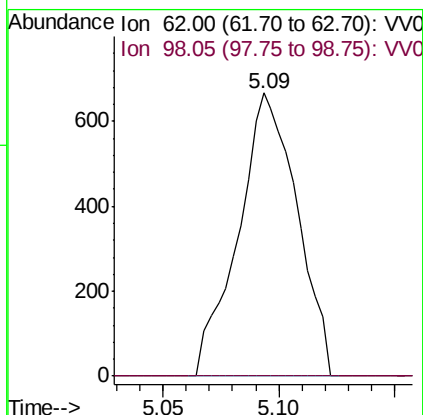
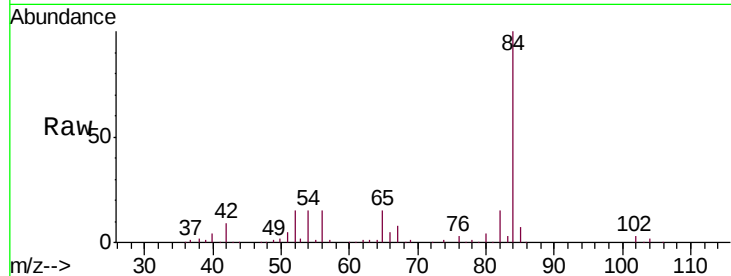




#27
 1,2-Dichloroethane
 Concen: 0.083 ug/L
 RT: 5.09 min Scan# 1245
 Delta R.T. -0.08 min
 Lab File: VV012249.D
 Acq: 15 Aug 2019 15:19

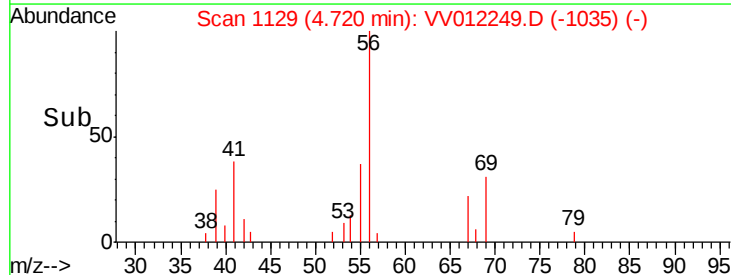
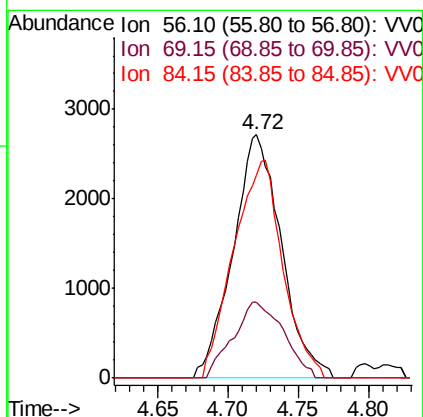
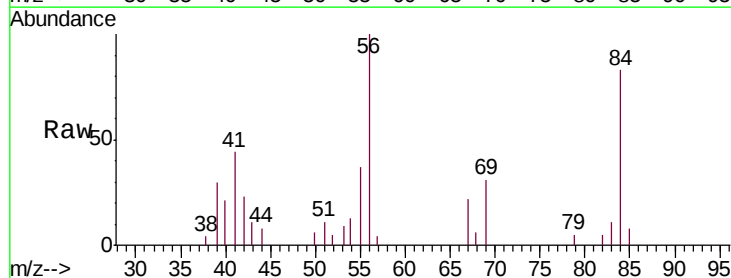
Instrument :
 MSVOA_V
 ClientSampleId :
 C0AG6

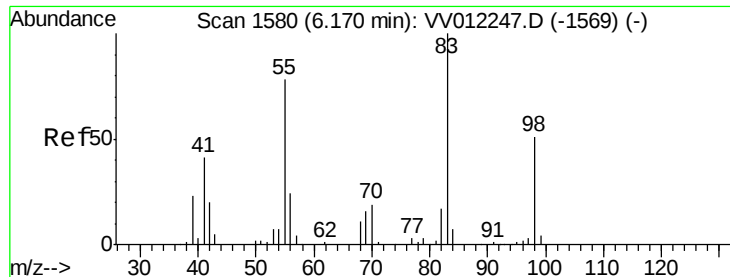
Tgt Ion: 62 Resp: 1179
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.5 11.3#



#30
 Cyclohexane
 Concen: 0.310 ug/L
 RT: 4.72 min Scan# 1129
 Delta R.T. 0.00 min
 Lab File: VV012249.D
 Acq: 15 Aug 2019 15:19

Tgt Ion: 56 Resp: 6512
 Ion Ratio Lower Upper
 56 100
 69 32.3 24.6 36.8
 84 90.7 71.0 106.6





#35

Methylcyclohexane

Concen: 0.608 ug/L

RT: 6.11 min Scan# 1562

Delta R.T. -0.06 min

Lab File: VV012249.D

Acq: 15 Aug 2019 15:19

Instrument :

MSVOA_V

ClientSampleId :

C0AG6

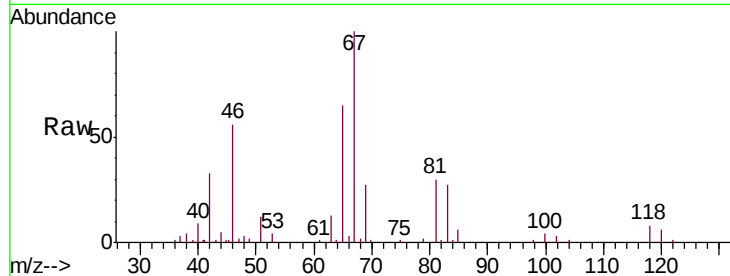
Tgt Ion: 83 Resp: 13309

Ion Ratio Lower Upper

83 100

55 0.2 62.2 93.2#

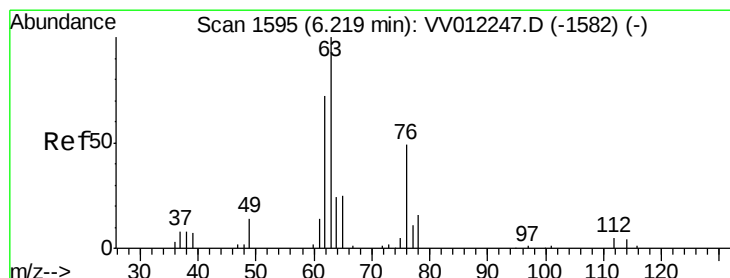
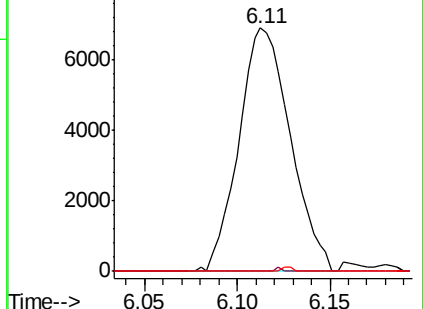
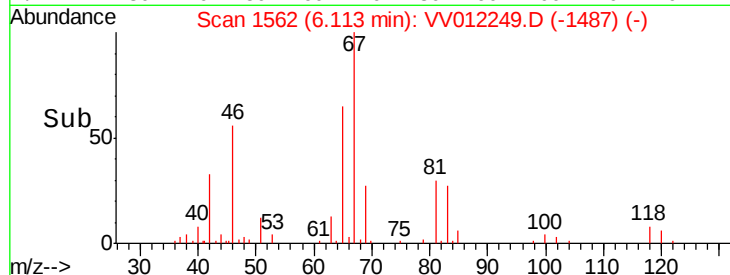
98 0.4 39.2 58.8#



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: 0.506 ug/L

RT: 6.11 min Scan# 1562

Delta R.T. -0.11 min

Lab File: VV012249.D

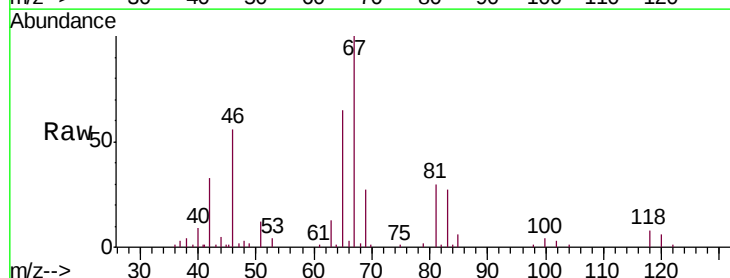
Acq: 15 Aug 2019 15:19

Tgt Ion: 63 Resp: 6570

Ion Ratio Lower Upper

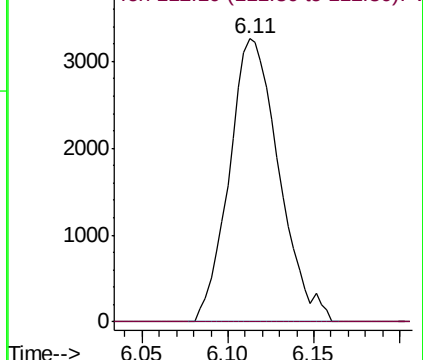
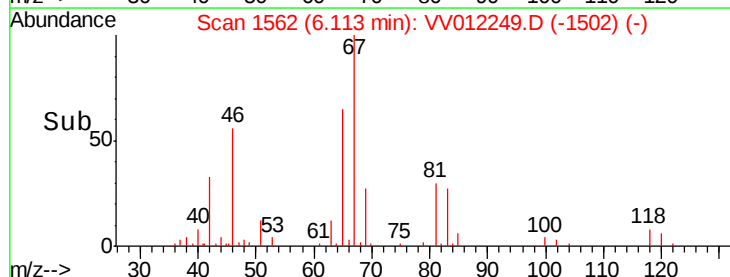
63 100

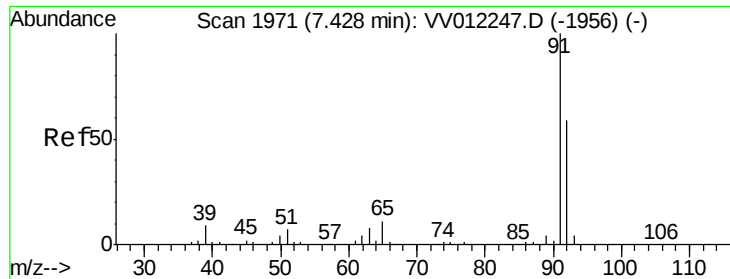
112 0.0 3.8 5.8#



Abundance Ion 63.10 (62.80 to 63.80): VV0

Ion 112.10 (111.80 to 112.80): V





#42

Toluene

Concen: 0.082 ug/L

RT: 7.43 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VV012249.D

Acq: 15 Aug 2019 15:19

Instrument :

MSVOA_V

ClientSampled :

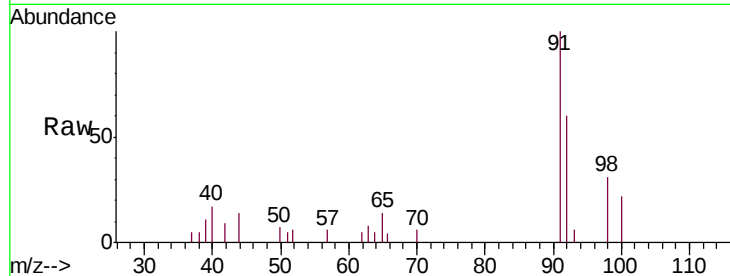
C0AG6

Tgt Ion: 91 Resp: 4556

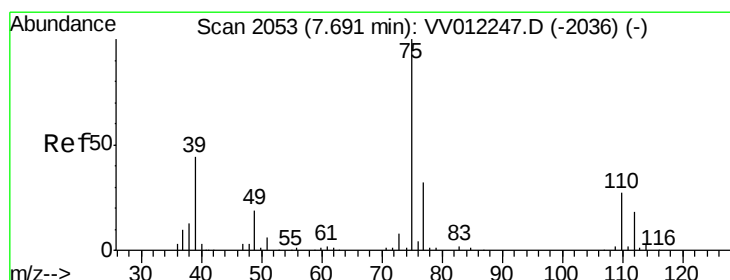
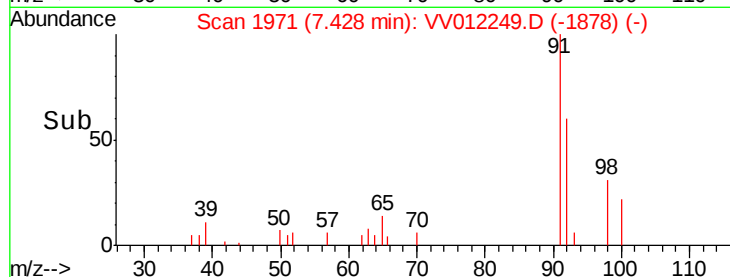
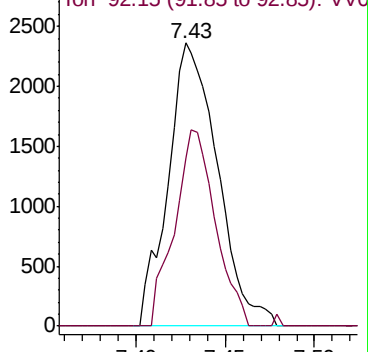
Ion Ratio Lower Upper

91 100

92 59.6 39.8 73.8



Abundance Ion 91.15 (90.85 to 91.85): VV012247.D (-1956) (-)



#44

trans-1,3-Dichloropropene

Concen: 0.055 ug/L

RT: 7.66 min Scan# 2044

Delta R.T. -0.03 min

Lab File: VV012249.D

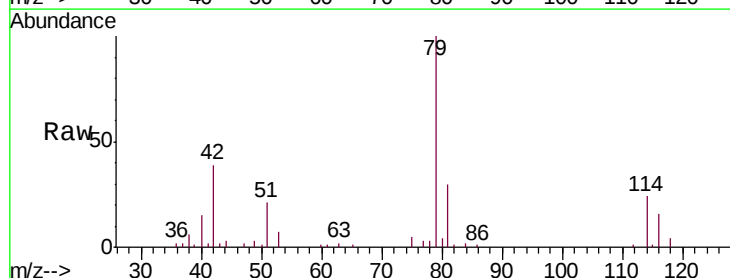
Acq: 15 Aug 2019 15:19

Tgt Ion: 75 Resp: 777

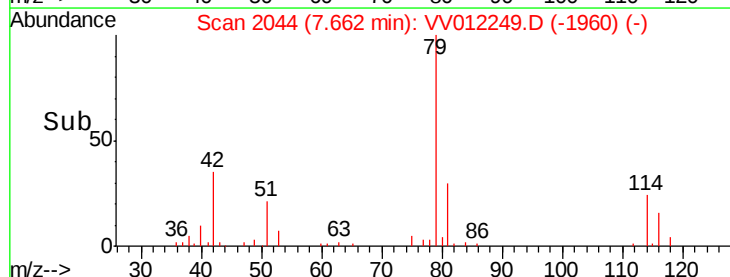
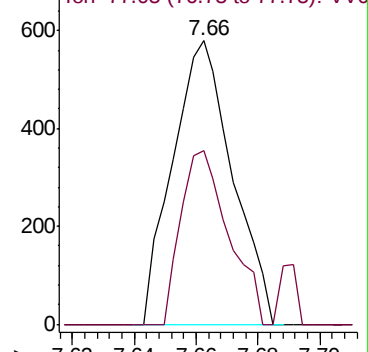
Ion Ratio Lower Upper

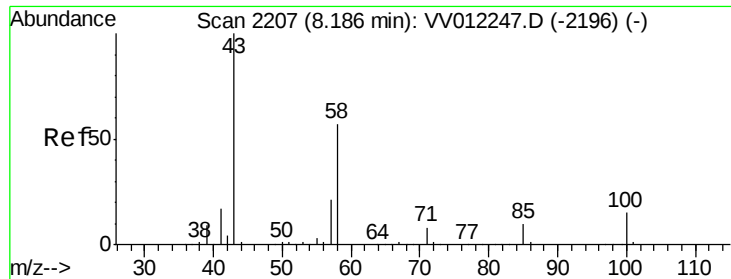
75 100

77 61.1 22.5 41.7#



Abundance Ion 75.05 (74.75 to 75.75): VV012247.D (-2036) (-)





#48

2-Hexanone

Concen: 1.801 ug/L

RT: 8.18 min Scan# 2205

Delta R.T. -0.01 min

Lab File: VV012249.D

Acq: 15 Aug 2019 15:19

Instrument :

MSVOA_V

ClientSampleId :

C0AG6

Tgt Ion: 43 Resp: 9055

Ion Ratio Lower Upper

43 100

58 55.5 43.0 64.4

57 14.6 14.9 22.3#

100 5.8 10.3 15.5#

