

Data File : VV012251.D
Acq On : 15 Aug 2019 16:14
Operator : SY/MD
Sample : K4373-09
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AJ4

Quant Time: Aug 16 04:24:35 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	176054	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	173103	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	77869	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	36789	3.39	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.80%
7) Chloroethane-d5	1.58	69	26159	3.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	63.20%#
11) 1,1-Dichloroethene-d2	2.13	63	52861	2.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.60%#
20) 2-Butanone-d5	3.97	46	114162	48.73	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.46%
24) Chloroform-d	4.40	84	95669	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.00%
26) 1,2-Dichloroethane-d4	5.08	65	49338	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.00%
32) Benzene-d6	5.09	84	185775	4.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.80%
36) 1,2-Dichloropropane-d6	6.12	67	55022	4.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.20%
41) Toluene-d8	7.36	98	164598	4.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.40%
43) trans-1,3-Dichloropropene-	7.67	79	21413	4.33	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.60%
46) 2-Hexanone-d5	8.14	63	66858	42.19	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.38%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	37952	4.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	64471	4.89	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.80%

Target Compounds

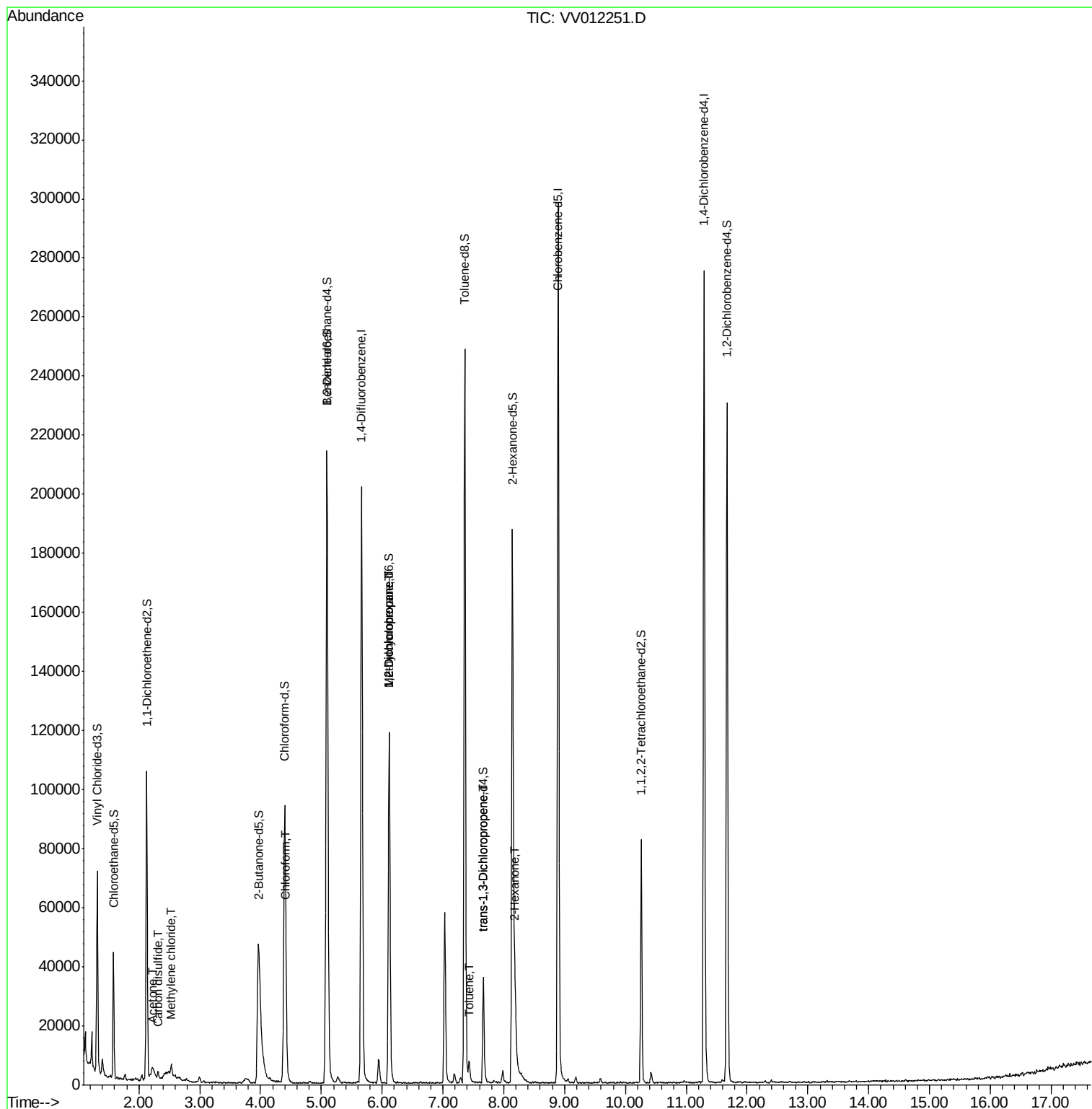
						Qvalue
13) Acetone	2.22	43	7972	5.461	ug/L	99
14) Carbon disulfide	2.32	76	2642	0.097	ug/L #	94
16) Methylene chloride	2.53	84	1067	0.107	ug/L	93
25) Chloroform	4.43	83	5189	0.202	ug/L	90
35) Methylcyclohexane	6.12	83	14827	0.675	ug/L #	18
37) 1,2-Dichloropropane	6.12	63	6748	0.518	ug/L #	85
42) Toluene	7.43	91	4291	0.077	ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	1113	0.079	ug/L #	65
48) 2-Hexanone	8.19	43	13509	2.676	ug/L #	82

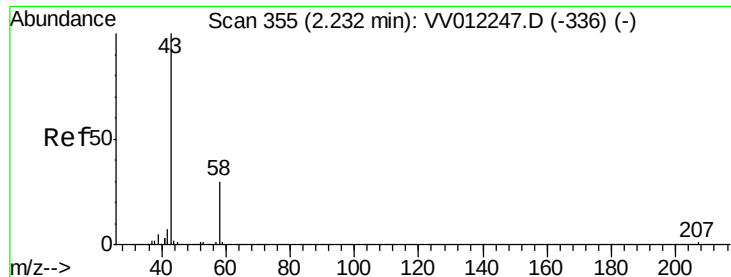
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 5.461 ug/L

RT: 2.22 min Scan# 352

Delta R.T. -0.01 min

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Acq: 15 Aug 2019 16:14

Instrument :

MSVOA_V

ClientSampleId :

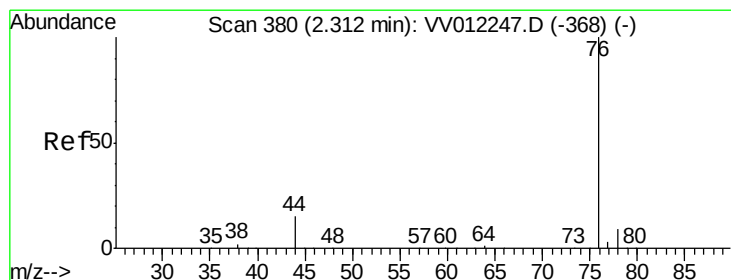
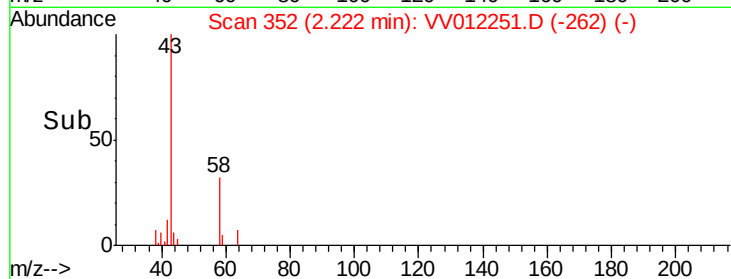
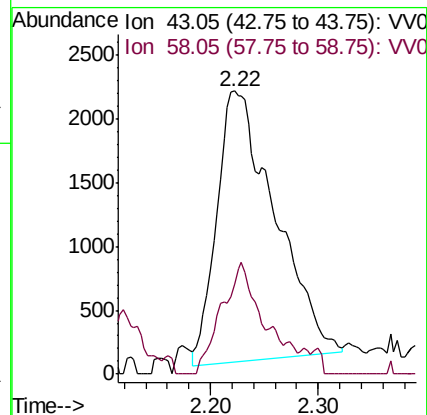
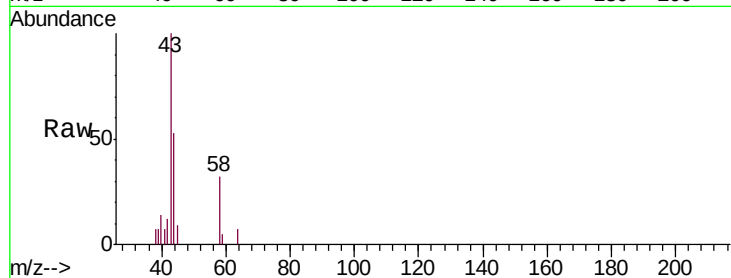
C0AJ4

Tgt Ion: 43 Resp: 7972

Ion Ratio Lower Upper

43 100

58 30.1 0.0 59.4



#14

Carbon disulfide

Concen: 0.097 ug/L

RT: 2.32 min Scan# 381

Delta R.T. 0.00 min

Lab File: VV012251.D

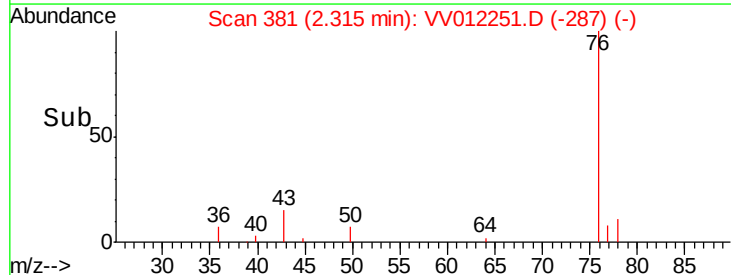
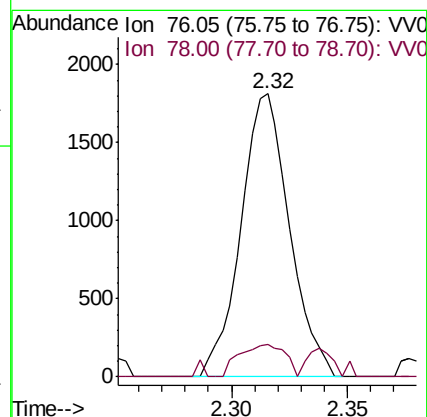
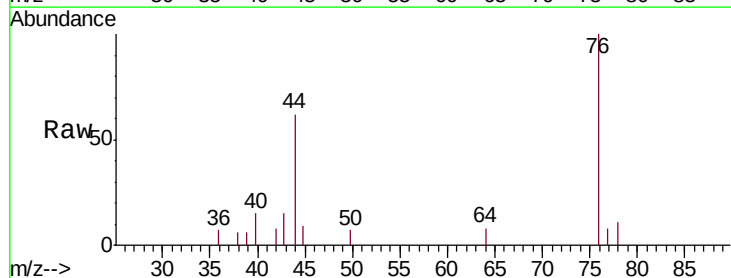
Acq: 15 Aug 2019 16:14

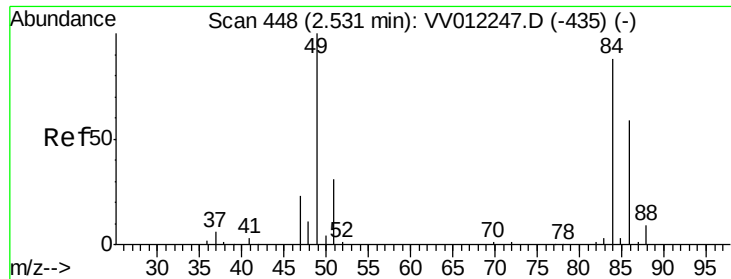
Tgt Ion: 76 Resp: 2642

Ion Ratio Lower Upper

76 100

78 11.3 7.2 10.8#

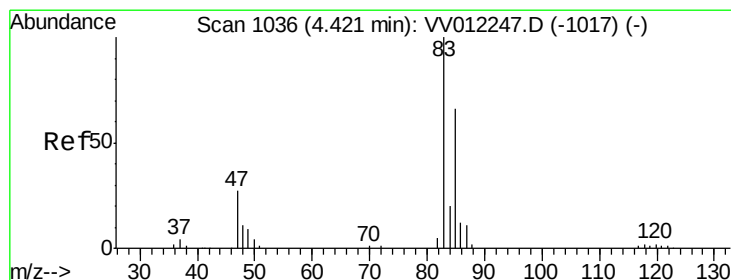
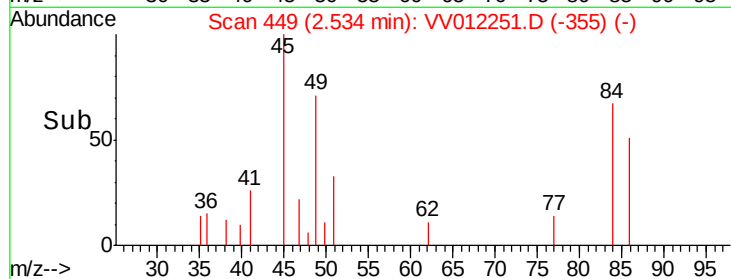
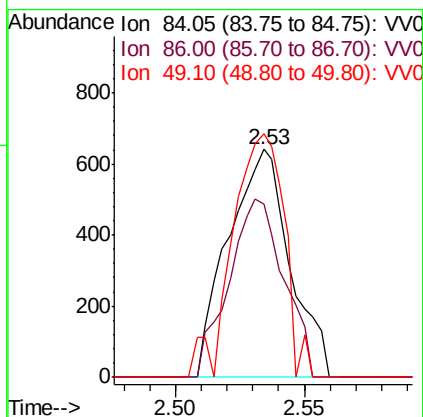
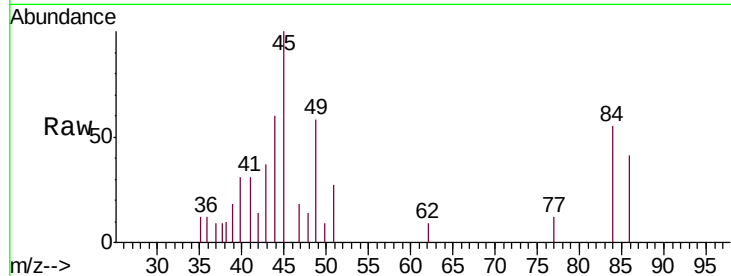




#16
Methylene chloride
Concen: 0.107 ug/L
RT: 2.53 min Scan# 449
Delta R.T. 0.00 min
Lab File: VV012251.D
Acq: 15 Aug 2019 16:14

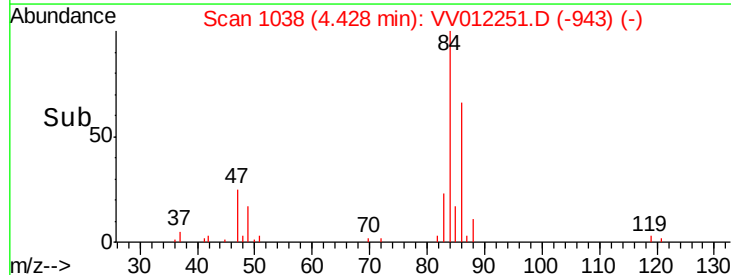
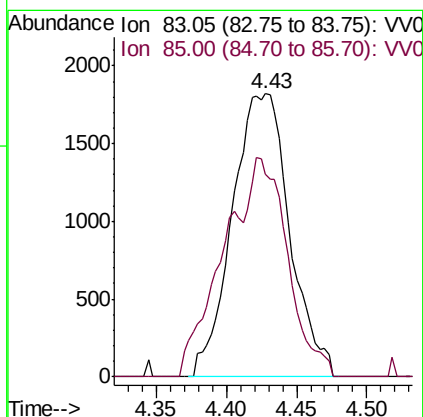
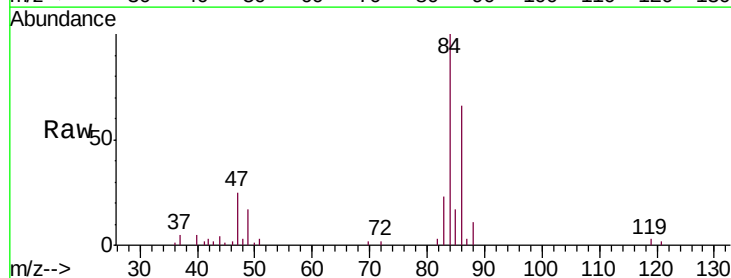
Instrument :
MSVOA_V
ClientSampleId :
C0AJ4

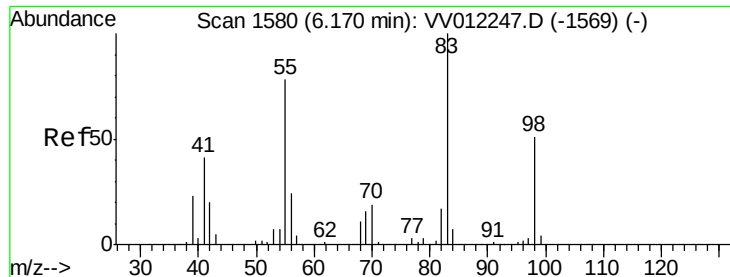
Tgt Ion: 84 Resp: 1067
Ion Ratio Lower Upper
84 100
86 75.8 44.4 82.5
49 123.7 85.1 158.1



#25
Chloroform
Concen: 0.202 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.01 min
Lab File: VV012251.D
Acq: 15 Aug 2019 16:14

Tgt Ion: 83 Resp: 5189
Ion Ratio Lower Upper
83 100
85 71.4 44.3 82.3

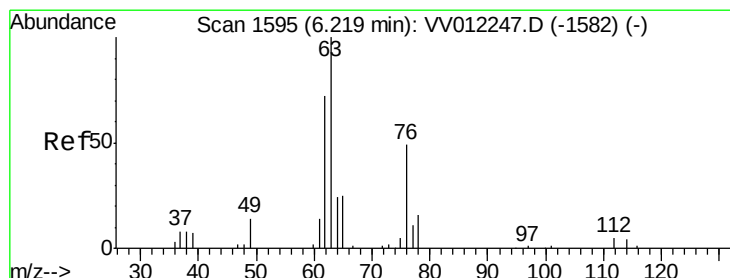
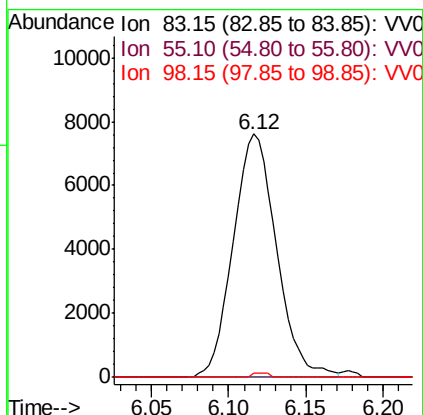
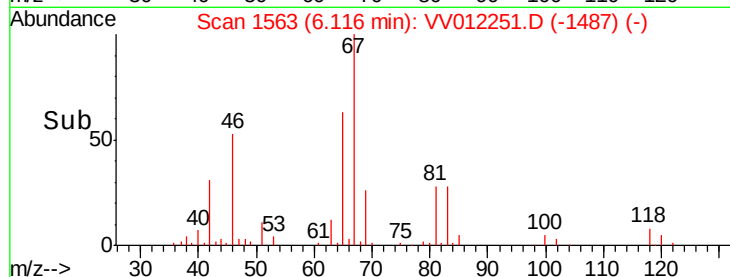
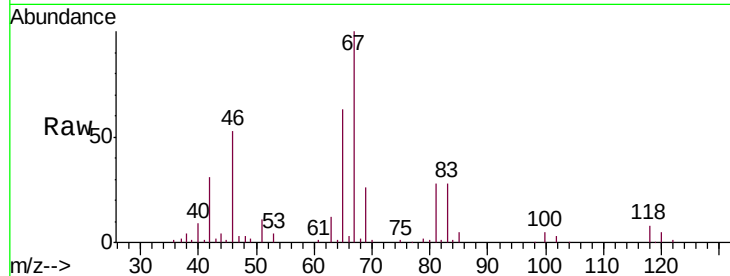




#35
Methylcyclohexane
Concen: 0.675 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV012251.D
Acq: 15 Aug 2019 16:14

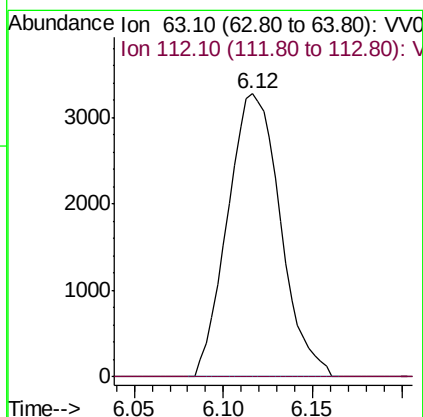
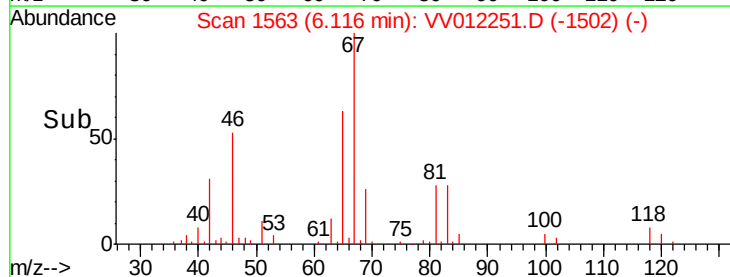
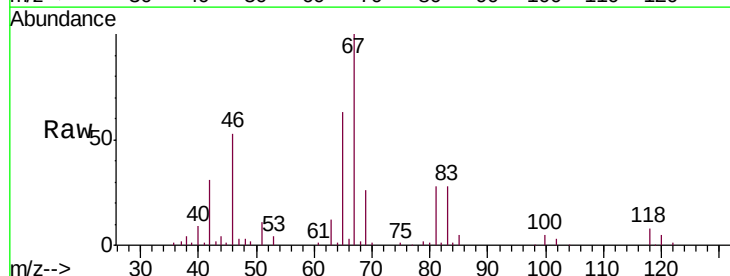
Instrument :
MSVOA_V
ClientSampleId :
C0AJ4

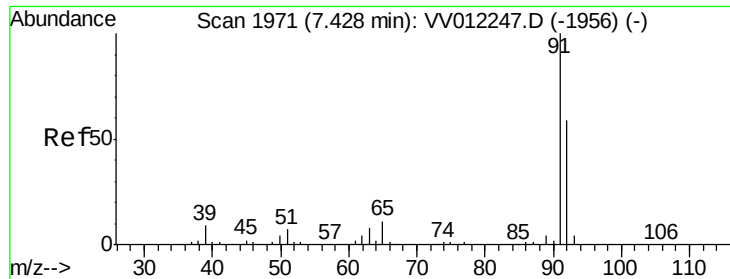
Tgt Ion: 83 Resp: 14827
Ion Ratio Lower Upper
83 100
55 0.0 62.2 93.2#
98 0.6 39.2 58.8#



#37
1,2-Dichloropropane
Concen: 0.518 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV012251.D
Acq: 15 Aug 2019 16:14

Tgt Ion: 63 Resp: 6748
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.8#





#42

Toluene

Concen: 0.077 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VV012251.D

Acq: 15 Aug 2019 16:14

Instrument :

MSVOA_V

ClientSampled :

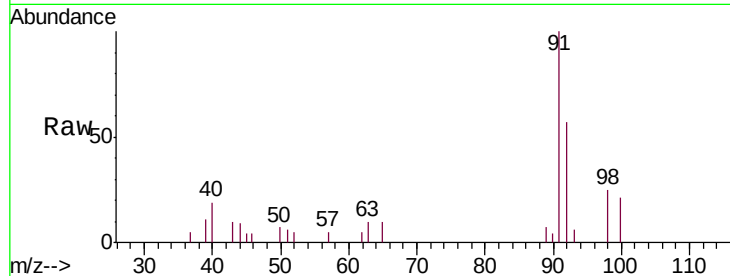
C0AJ4

Tgt Ion: 91 Resp: 4291

Ion Ratio Lower Upper

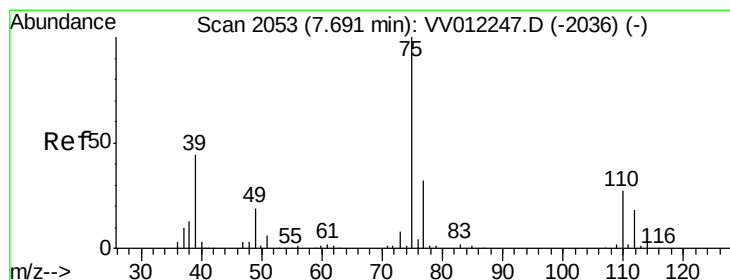
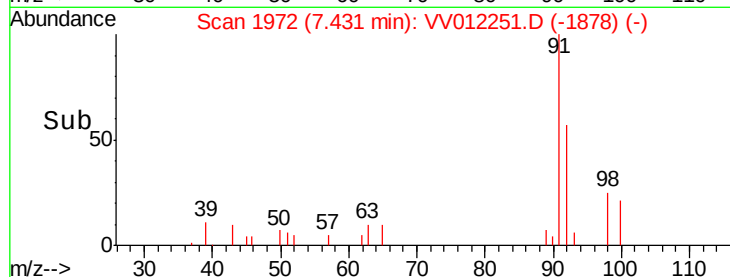
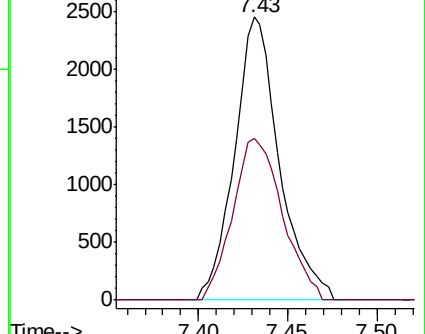
91 100

92 57.2 39.8 73.8



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 92.15 (91.85 to 92.85): VV0



#44

trans-1,3-Dichloropropene

Concen: 0.079 ug/L

RT: 7.67 min Scan# 2045

Delta R.T. -0.03 min

Lab File: VV012251.D

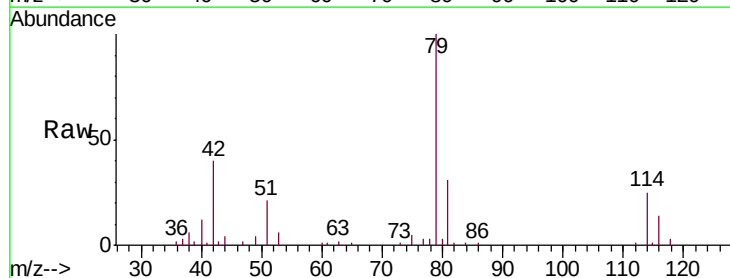
Acq: 15 Aug 2019 16:14

Tgt Ion: 75 Resp: 1113

Ion Ratio Lower Upper

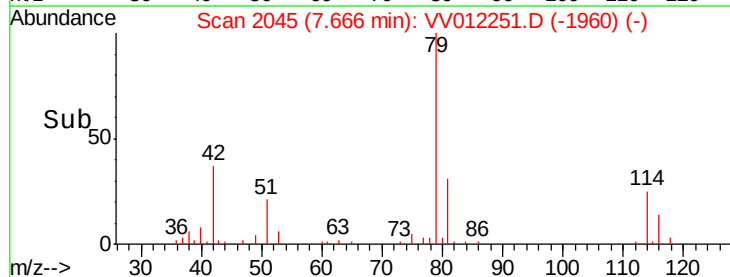
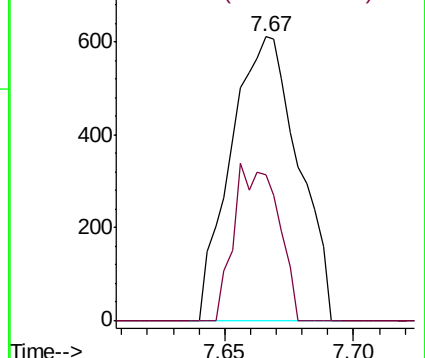
75 100

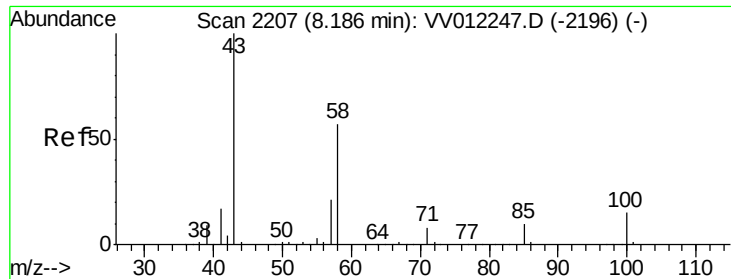
77 51.4 22.5 41.7#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0





#48

2-Hexanone

Concen: 2.676 ug/L

RT: 8.19 min Scan# 2208

Delta R.T. 0.00 min

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Acq: 15 Aug 2019 16:14

Instrument :
MSVOA_V
ClientSampleId :
C0AJ4

Tgt Ion: 43 Resp: 13509

Ion Ratio Lower Upper

43 100

58 39.0 43.0 64.4#

57 16.0 14.9 22.3

100 4.1 10.3 15.5#

