

Data File : VV012255.D
Acq On : 15 Aug 2019 18:04
Operator : SY/MD
Sample : K4373-05
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AF2

Quant Time: Aug 16 04:25:11 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	150559	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	157935	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	73823	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	33936	3.66	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.20%
7) Chloroethane-d5	1.58	69	25465	3.59	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	71.80%
11) 1,1-Dichloroethene-d2	2.13	63	50887	3.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.00%
20) 2-Butanone-d5	3.95	46	98868	49.35	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.70%
24) Chloroform-d	4.40	84	90343	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
26) 1,2-Dichloroethane-d4	5.08	65	46160	5.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.20%
32) Benzene-d6	5.10	84	172437	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.20%
36) 1,2-Dichloropropane-d6	6.12	67	50429	4.28	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.60%
41) Toluene-d8	7.36	98	155861	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.40%
43) trans-1,3-Dichloropropene-	7.66	79	18869	4.19	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.80%
46) 2-Hexanone-d5	8.14	63	65906	45.58	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.16%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	41980	5.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	67430	5.40	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.00%

Target Compounds

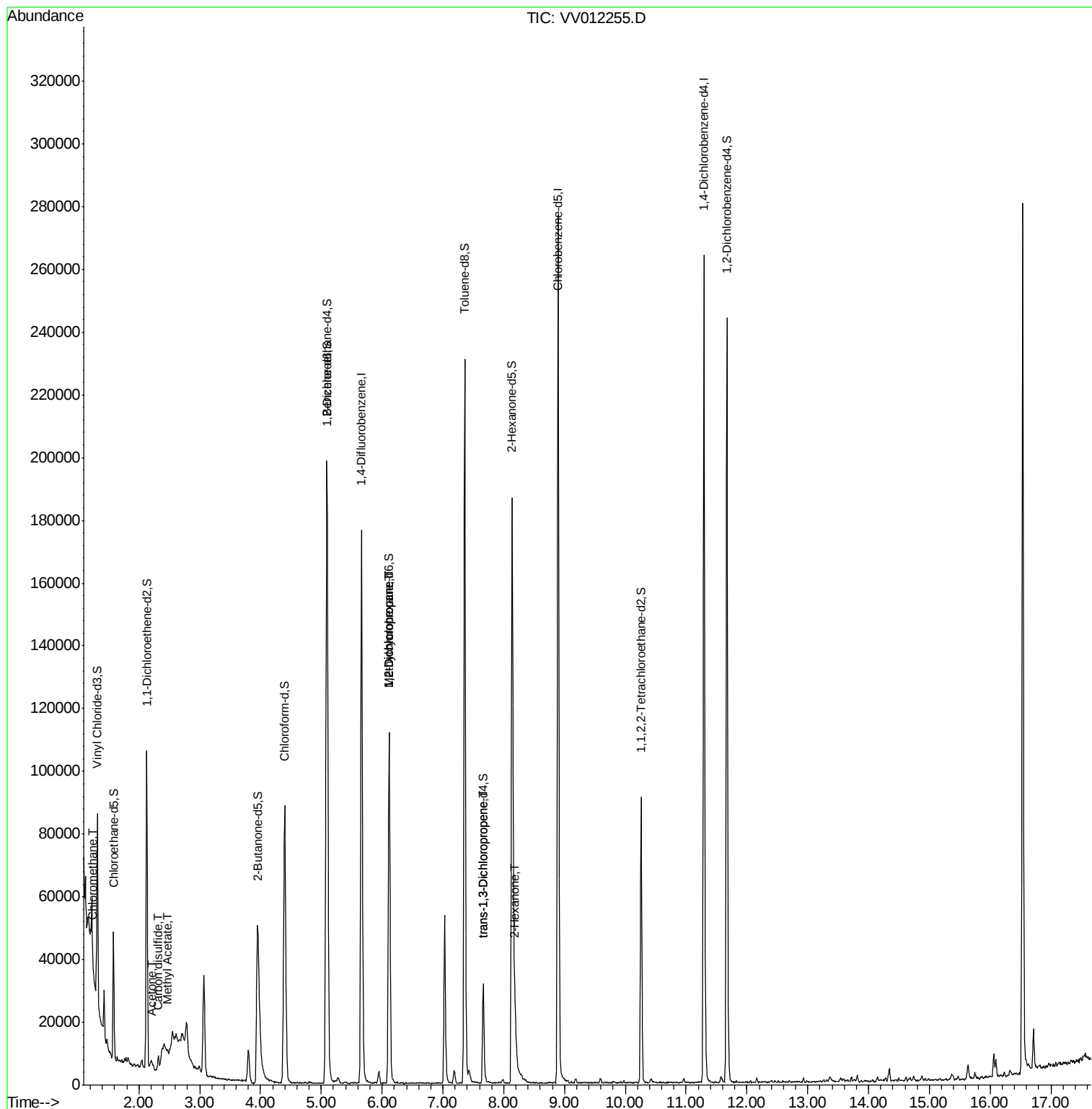
					Qvalue	
3) Chloromethane	1.25	50	917	0.070	ug/L #	72
13) Acetone	2.22	43	2705	2.167	ug/L	96
14) Carbon disulfide	2.32	76	5781	0.249	ug/L	99
15) Methyl Acetate	2.46	43	1012	0.321	ug/L #	50
35) Methylcyclohexane	6.12	83	13020	0.649	ug/L #	17
37) 1,2-Dichloropropane	6.11	63	6020	0.506	ug/L #	85
44) trans-1,3-Dichloropropene	7.67	75	879	0.068	ug/L	97
48) 2-Hexanone	8.19	43	11083	2.406	ug/L	92

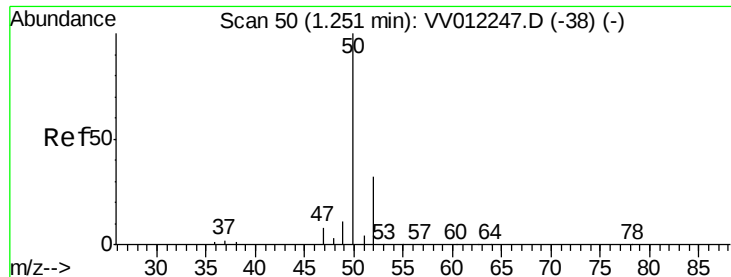
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.070 ug/L

RT: 1.25 min Scan# 50

Delta R.T. 0.00 min

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Acq: 15 Aug 2019 18:04

Instrument :

MSVOA_V

ClientSampleId :

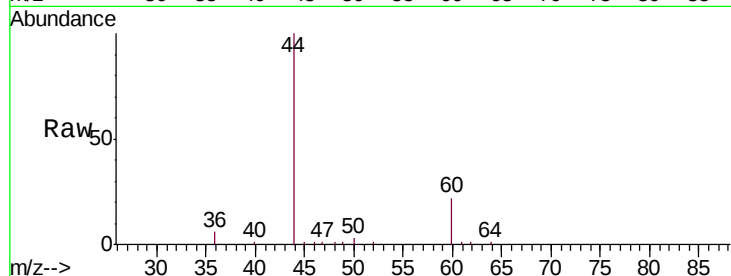
C0AF2

Tgt Ion: 50 Resp: 917

Ion Ratio Lower Upper

50 100

52 48.0 22.6 42.0#



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0

1.25

800

600

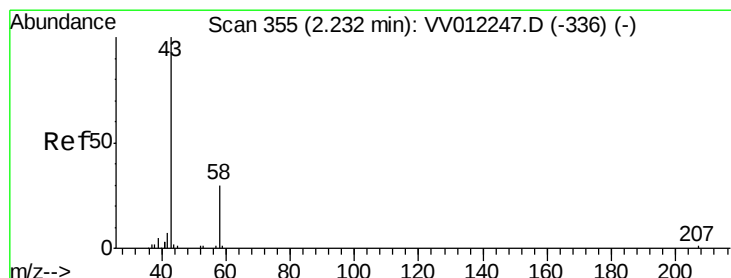
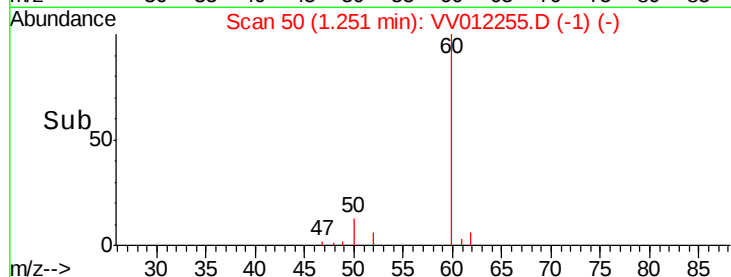
400

200

0

1.22 1.24 1.26 1.28

Time-->



#13

Acetone

Concen: 2.167 ug/L

RT: 2.22 min Scan# 350

Delta R.T. -0.02 min

Lab File: VV012255.D

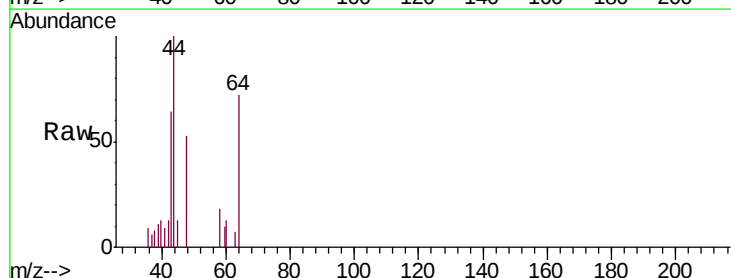
Acq: 15 Aug 2019 18:04

Tgt Ion: 43 Resp: 2705

Ion Ratio Lower Upper

43 100

58 27.4 0.0 59.4



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

2.22

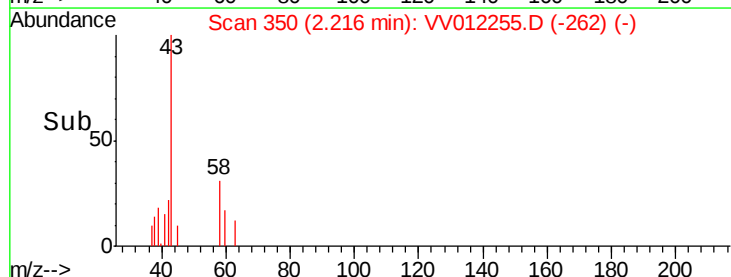
1000

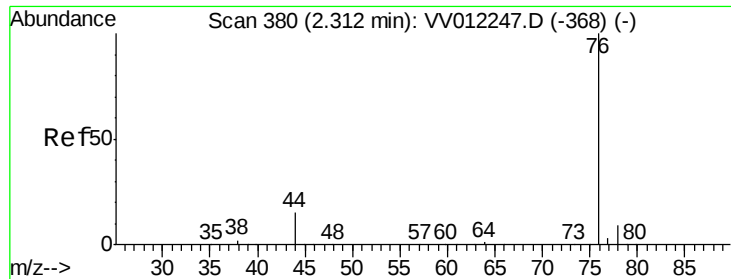
500

0

2.15 2.20 2.25

Time-->





#14

Carbon disulfide

Concen: 0.249 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.01 min

Lab File: VV012255.D

Acq: 15 Aug 2019 18:04

Instrument :

MSVOA_V

ClientSampleId :

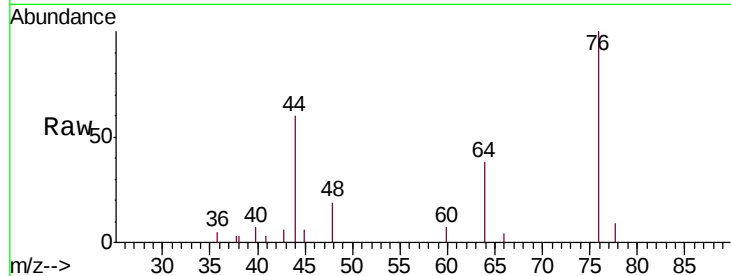
C0AF2

Tgt Ion: 76 Resp: 5781

Ion Ratio Lower Upper

76 100

78 9.4 7.2 10.8

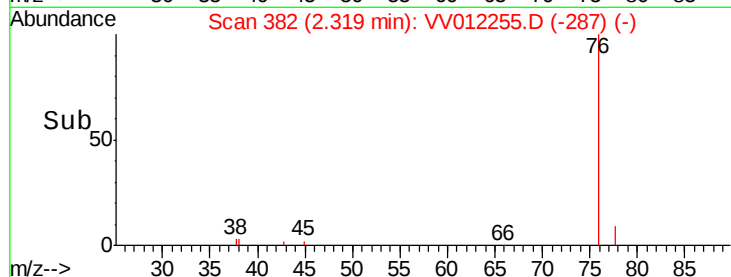


Abundance Ion 76.05 (75.75 to 76.75): VV012247.D (-368) (-)

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

2.32

Time-->

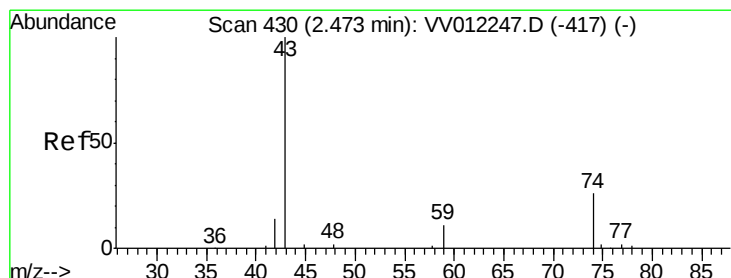


Abundance Ion 76.05 (75.75 to 76.75): VV012255.D (-287) (-)

Ion 78.00 (77.70 to 78.70): VV012255.D (-287) (-)

2.32

Time-->



#15

Methyl Acetate

Concen: 0.321 ug/L

RT: 2.46 min Scan# 426

Delta R.T. -0.01 min

Lab File: VV012255.D

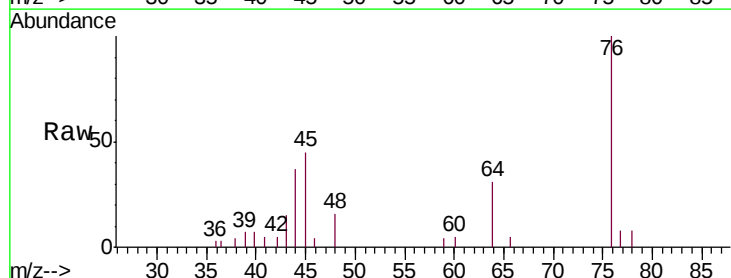
Acq: 15 Aug 2019 18:04

Tgt Ion: 43 Resp: 1012

Ion Ratio Lower Upper

43 100

74 0.0 20.3 30.5#

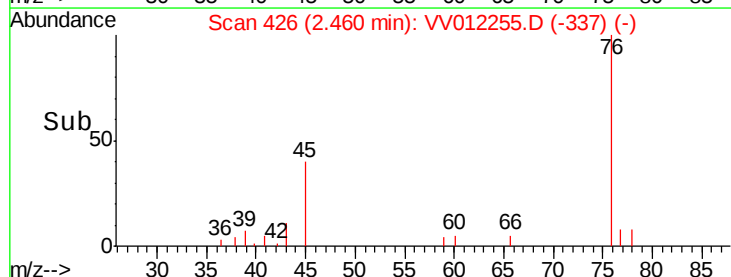


Abundance Ion 43.05 (42.75 to 43.75): VV012247.D (-417) (-)

Ion 74.05 (73.75 to 74.75): VV012247.D (-417) (-)

2.46

Time-->

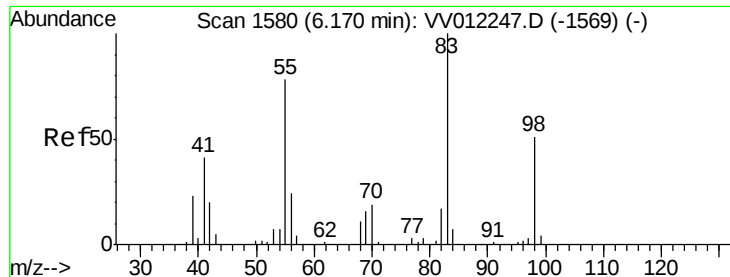


Abundance Ion 43.05 (42.75 to 43.75): VV012255.D (-337) (-)

Ion 74.05 (73.75 to 74.75): VV012255.D (-337) (-)

2.46

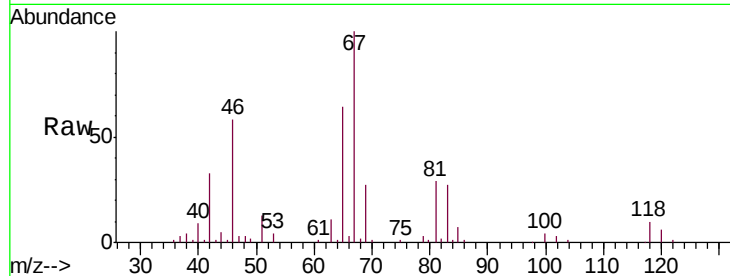
Time-->



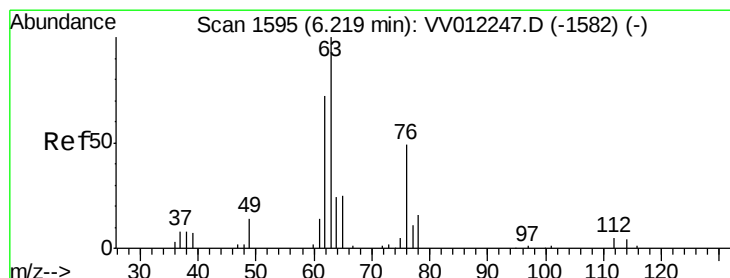
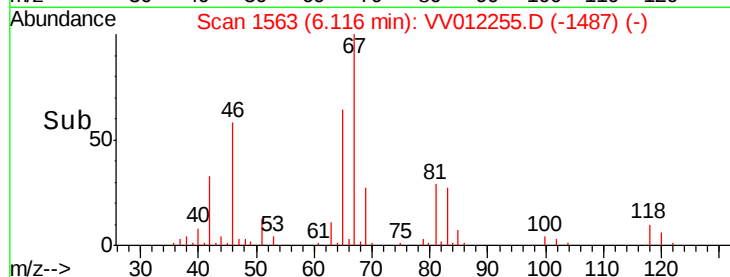
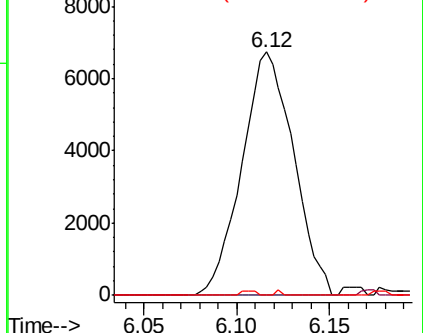
#35
Methylcyclohexane
Concen: 0.649 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV012255.D
Acq: 15 Aug 2019 18:04

Instrument :
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C0AF2

Tgt Ion: 83 Resp: 13020
Ion Ratio Lower Upper
83 100
55 0.0 62.2 93.2#
98 0.2 39.2 58.8#

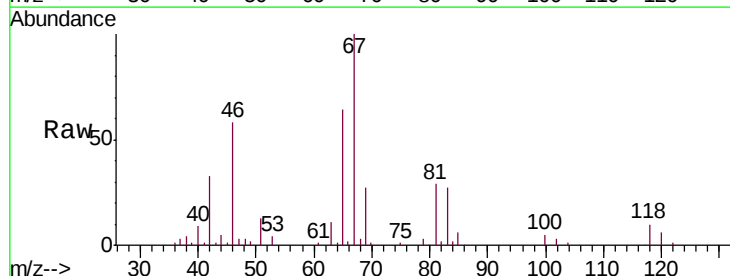


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

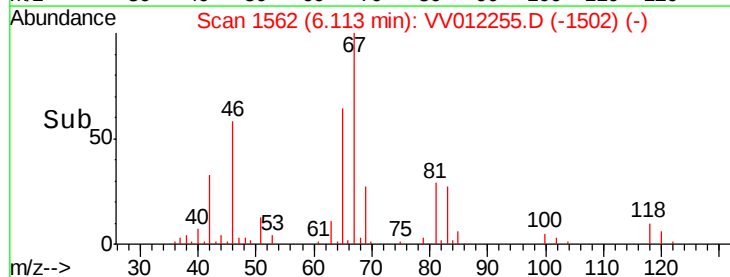
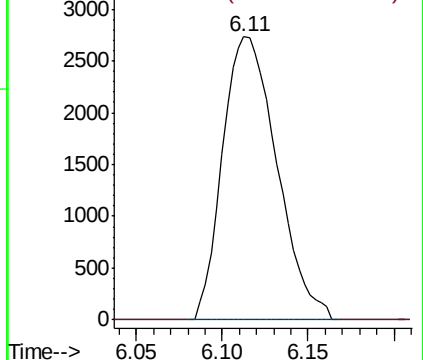


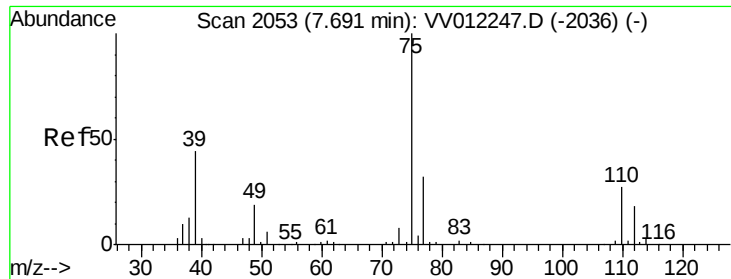
#37
1,2-Dichloropropane
Concen: 0.506 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.11 min
Lab File: VV012255.D
Acq: 15 Aug 2019 18:04

Tgt Ion: 63 Resp: 6020
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





#44

trans-1,3-Dichloropropene

Concen: 0.068 ug/L

RT: 7.67 min Scan# 2045

Delta R.T. -0.03 min

Lab File: VV012255.D

Acq: 15 Aug 2019 18:04

Instrument :

MSVOA_V

ClientSampleId :

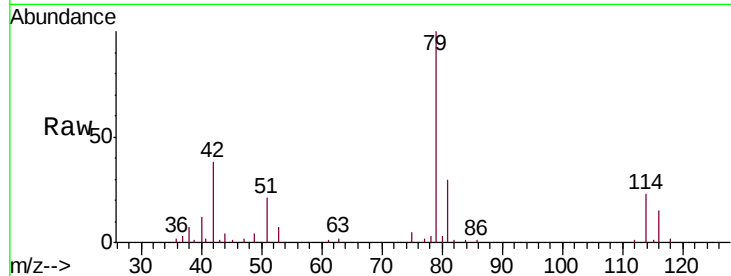
C0AF2

Tgt Ion: 75 Resp: 879

Ion Ratio Lower Upper

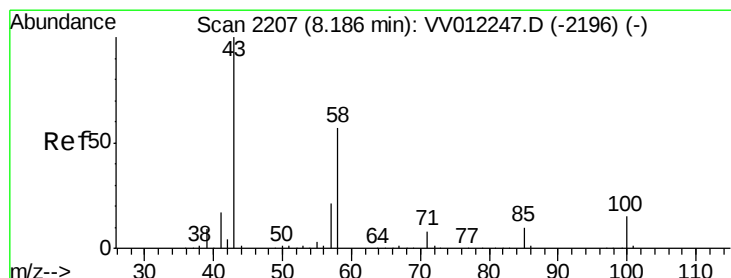
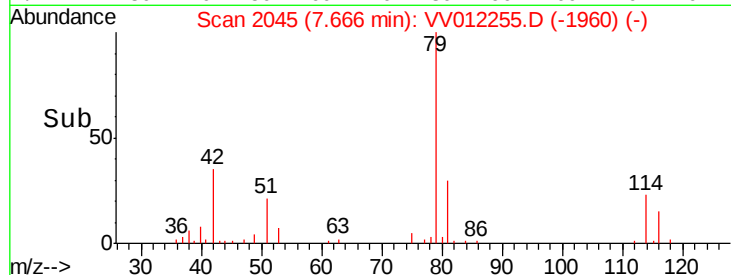
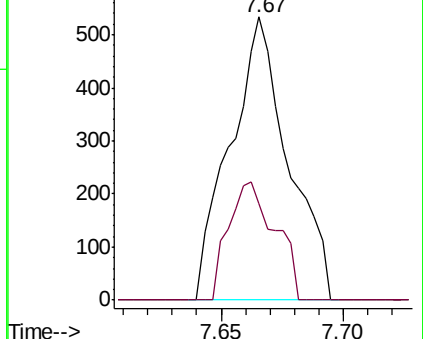
75 100

77 34.0 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: 2.406 ug/L

RT: 8.19 min Scan# 2208

Delta R.T. 0.00 min

Lab File: VV012255.D

Acq: 15 Aug 2019 18:04

Tgt Ion: 43 Resp: 11083

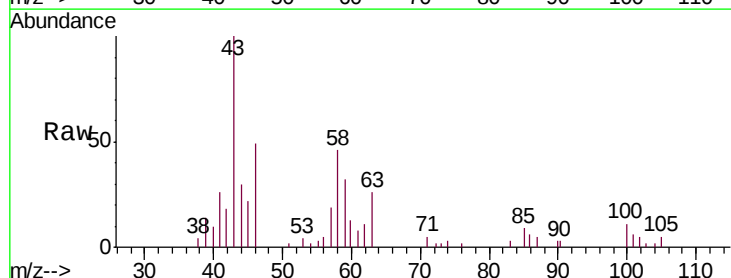
Ion Ratio Lower Upper

43 100

58 46.7 43.0 64.4

57 21.6 14.9 22.3

100 12.6 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

