

Data File : VV012258.D
Acq On : 15 Aug 2019 19:55
Operator : SY/MD
Sample : K4373-03 20X
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AB0

Quant Time: Aug 16 04:25:41 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	180476	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	172224	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	81660	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	38252	3.44	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.80%
7) Chloroethane-d5	1.58	69	30059	3.54	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	70.80%
11) 1,1-Dichloroethene-d2	2.13	63	54346	2.99	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.80%#
20) 2-Butanone-d5	3.96	46	114769	47.79	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.58%
24) Chloroform-d	4.40	84	95199	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.40%
26) 1,2-Dichloroethane-d4	5.08	65	49308	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.60%
32) Benzene-d6	5.10	84	191326	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.80%
36) 1,2-Dichloropropane-d6	6.12	67	56215	4.38	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.60%
41) Toluene-d8	7.36	98	175935	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.40%
43) trans-1,3-Dichloropropene-	7.66	79	21738	4.42	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.40%
46) 2-Hexanone-d5	8.14	63	76162	48.30	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.60%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	41687	4.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	72706	5.26	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.20%

Target Compounds

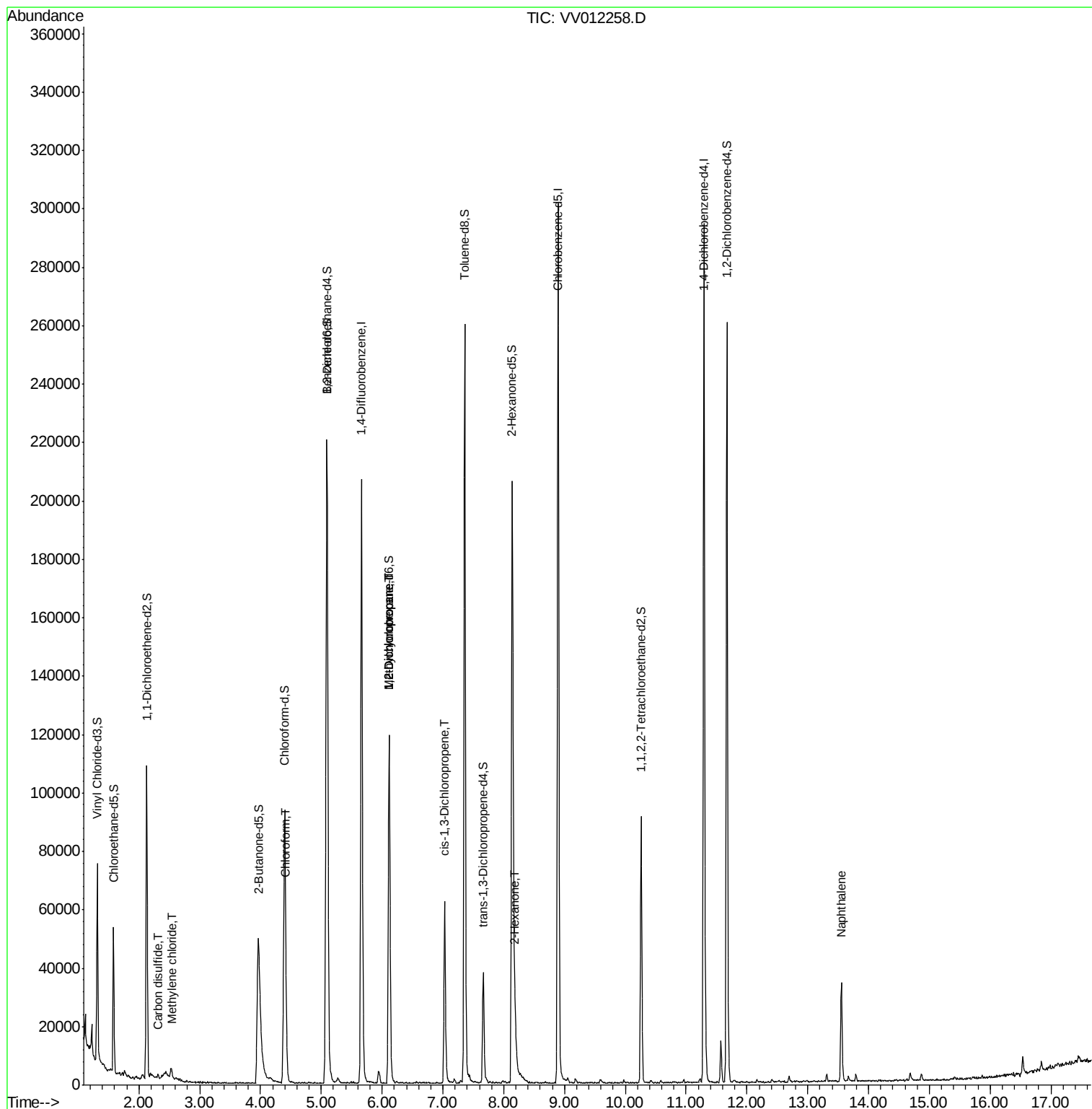
					Qvalue	
14) Carbon disulfide	2.32	76	1241	0.045	ug/L #	68
16) Methylene chloride	2.54	84	1225	0.120	ug/L	75
25) Chloroform	4.42	83	3953	0.150	ug/L	93
35) Methylcyclohexane	6.12	83	14928	0.683	ug/L #	18
37) 1,2-Dichloropropane	6.12	63	6031	0.465	ug/L #	85
39) cis-1,3-Dichloropropene	7.03	75	1624	0.091	ug/L #	58
48) 2-Hexanone	8.19	43	11171	2.224	ug/L #	87
69) Naphthalene	13.55	128	28908	1.311	ug/L	98

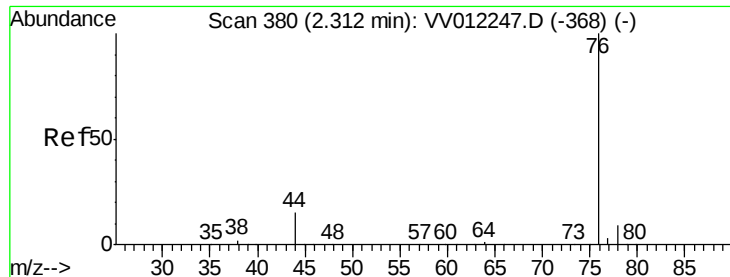
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Aug 16 04:21:37 2019
Response via : Initial Calibration





#14

Carbon disulfide

Concen: 0.045 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.01 min

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Acq: 15 Aug 2019 19:55

Instrument :

MSVOA_V

ClientSampleId :

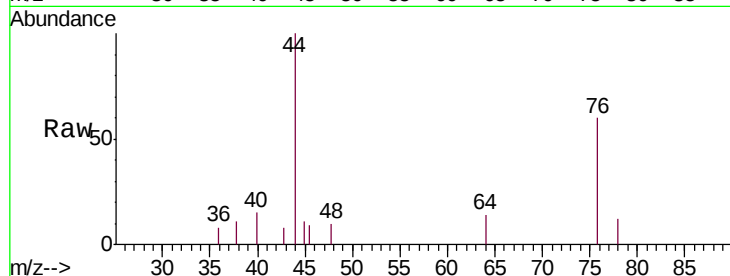
C0AB0

Tgt Ion: 76 Resp: 1241

Ion Ratio Lower Upper

76 100

78 20.6 7.2 10.8#



Abundance Ion 76.05 (75.75 to 76.75): VV0

Ion 78.00 (77.70 to 78.70): VV0

2.32

800

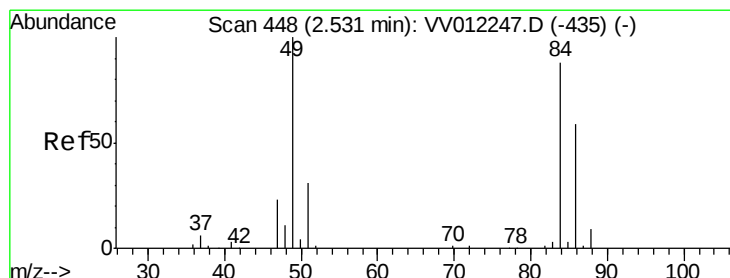
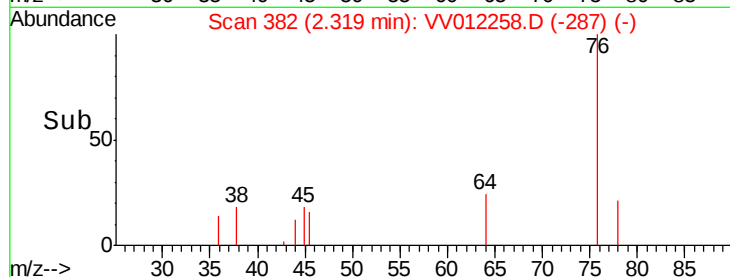
600

400

200

0

Time-->



#16

Methylene chloride

Concen: 0.120 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.01 min

Lab File: VV012258.D

Acq: 15 Aug 2019 19:55

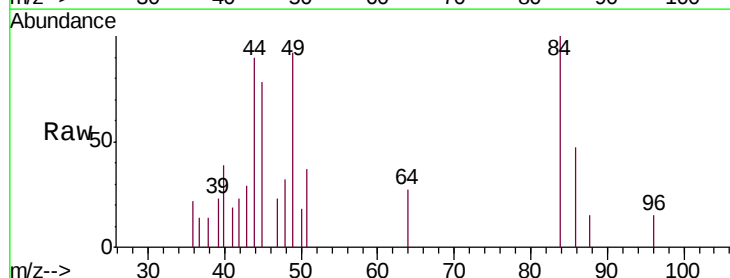
Tgt Ion: 84 Resp: 1225

Ion Ratio Lower Upper

84 100

86 47.1 44.4 82.5

49 91.8 85.1 158.1



Abundance Ion 84.05 (83.75 to 84.75): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.10 (48.80 to 49.80): VV0

1000

800

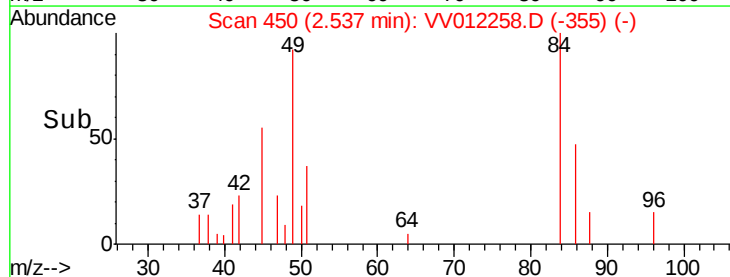
600

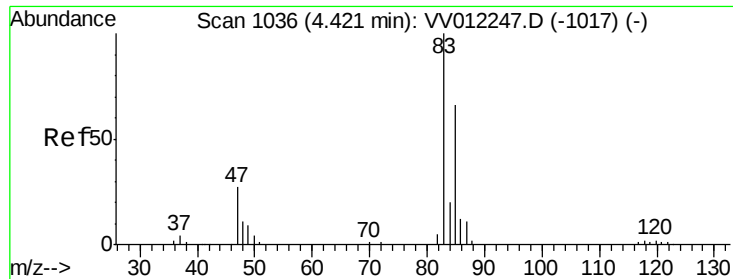
400

200

0

Time-->

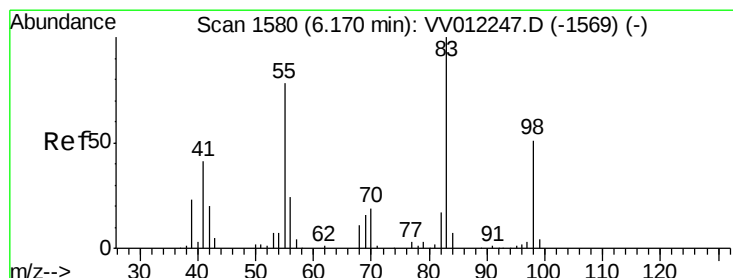
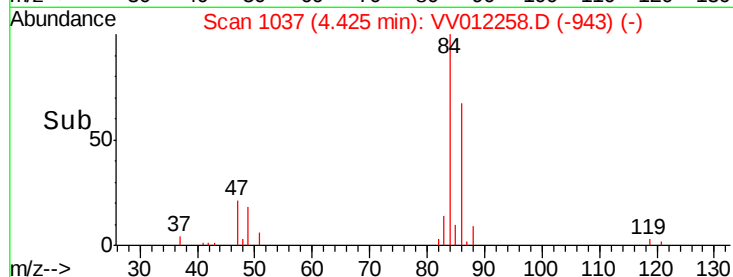
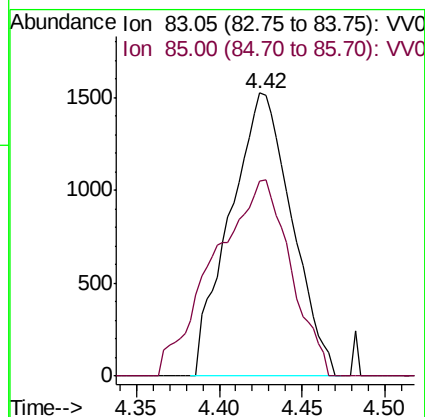
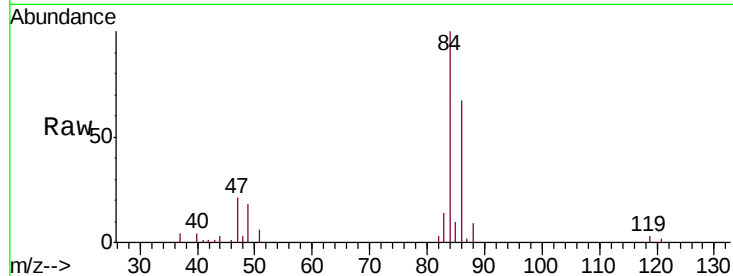




#25
Chloroform
Concen: 0.150 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV012258.D
Acq: 15 Aug 2019 19:55

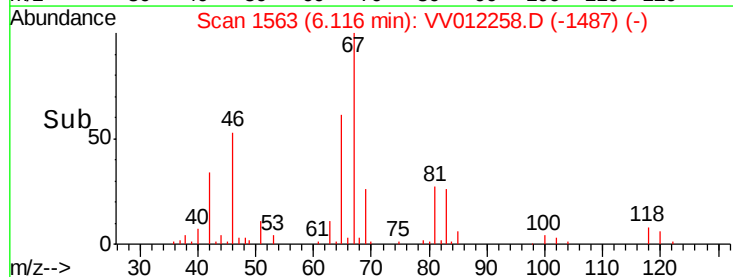
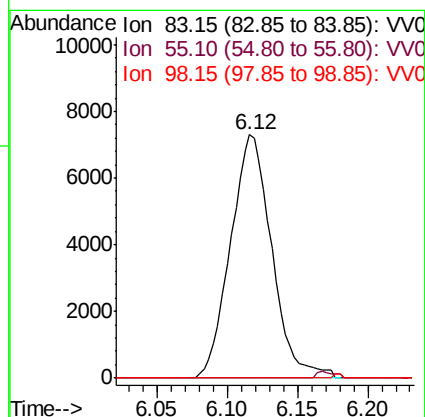
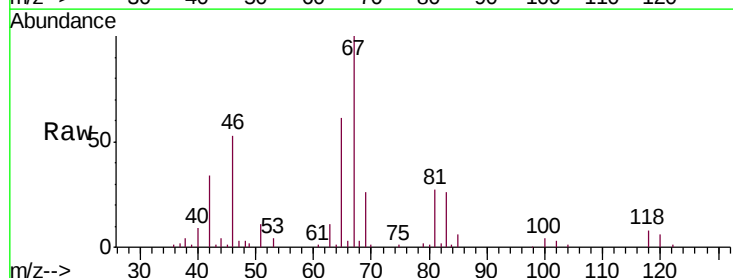
Instrument :
MSVOA_V
ClientSampleId :
C0AB0

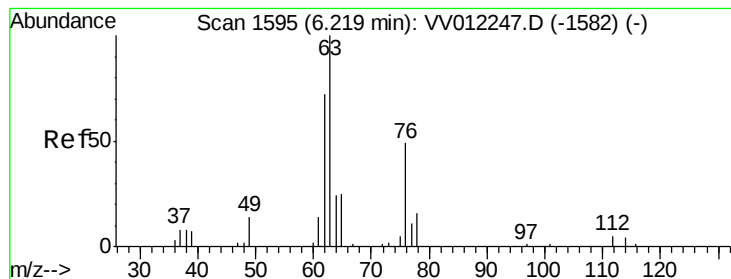
Tgt Ion: 83 Resp: 3953
Ion Ratio Lower Upper
83 100
85 68.8 44.3 82.3



#35
Methylcyclohexane
Concen: 0.683 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV012258.D
Acq: 15 Aug 2019 19:55

Tgt Ion: 83 Resp: 14928
Ion Ratio Lower Upper
83 100
55 1.1 62.2 93.2#
98 0.3 39.2 58.8#





#37

1,2-Dichloropropane

Concen: 0.465 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.10 min

Lab File: VV012258.D

Acq: 15 Aug 2019 19:55

Instrument :

MSVOA_V

ClientSampleId :

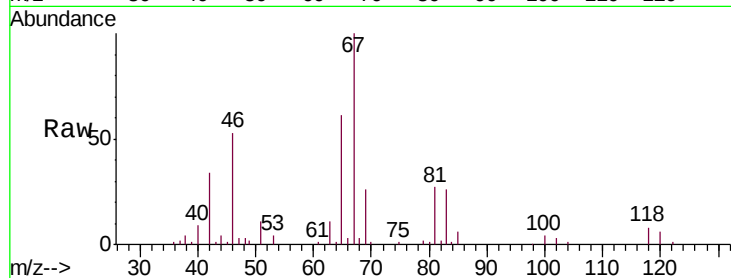
C0AB0

Tgt Ion: 63 Resp: 6031

Ion Ratio Lower Upper

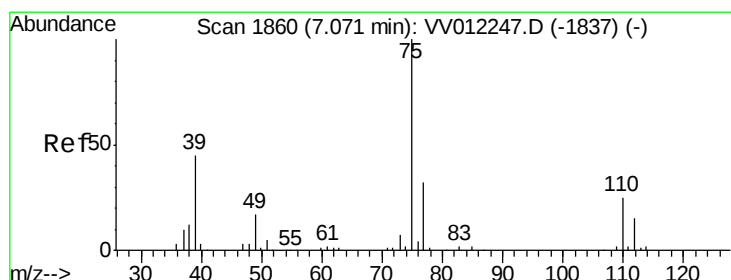
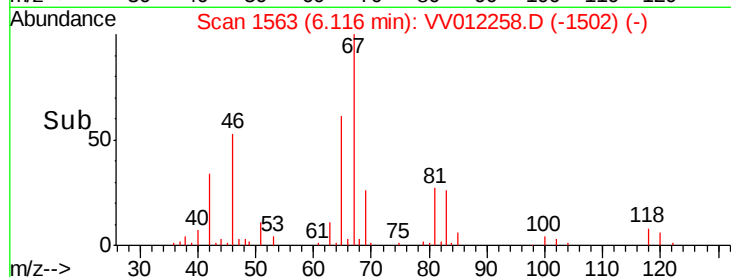
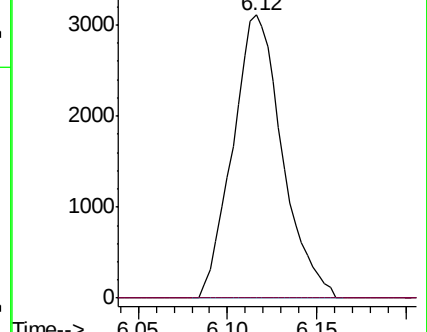
63 100

112 0.0 3.8 5.8#



Abundance Ion 63.10 (62.80 to 63.80): VV012247.D (-1582) (-)

Ion 112.10 (111.80 to 112.80): VV012247.D (-1582) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.091 ug/L

RT: 7.03 min Scan# 1847

Delta R.T. -0.04 min

Lab File: VV012258.D

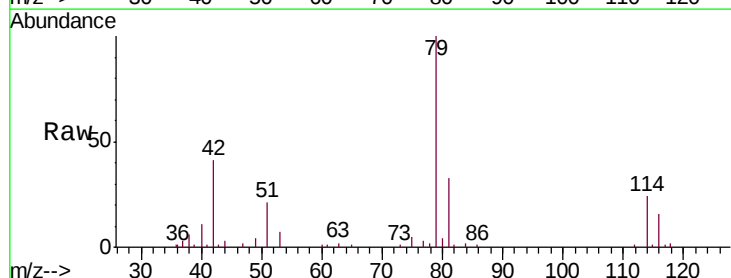
Acq: 15 Aug 2019 19:55

Tgt Ion: 75 Resp: 1624

Ion Ratio Lower Upper

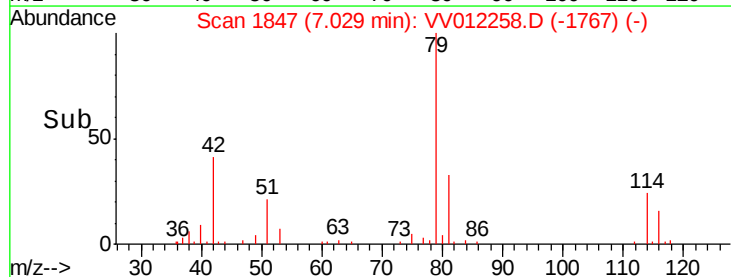
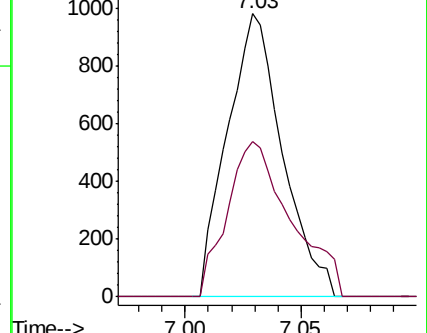
75 100

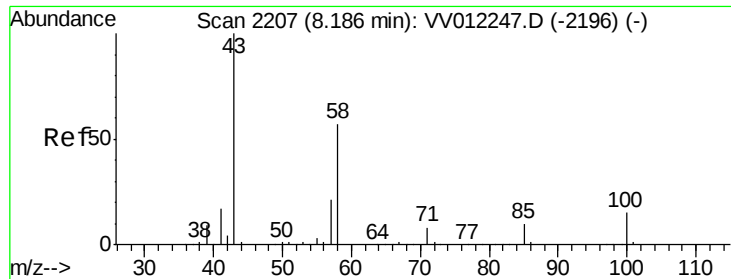
77 55.0 22.2 41.2#



Abundance Ion 75.05 (74.75 to 75.75): VV012247.D (-1837) (-)

Ion 77.05 (76.75 to 77.75): VV012247.D (-1837) (-)

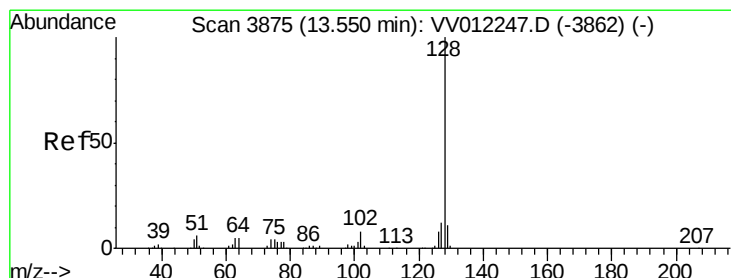
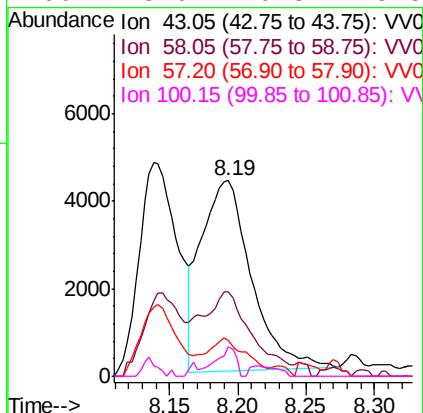
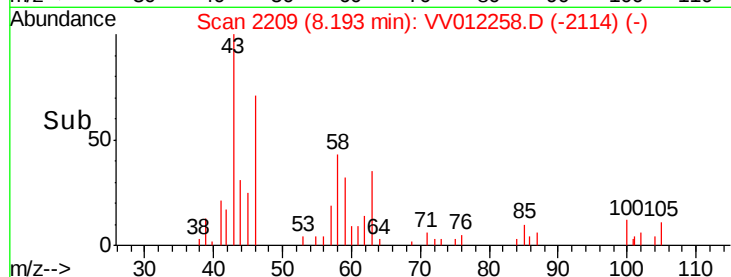
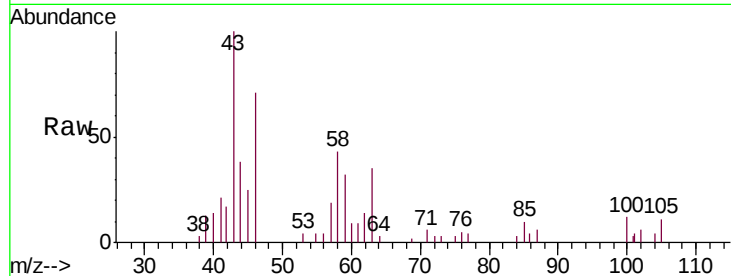




#48
2-Hexanone
Concen: 2.224 ug/L
RT: 8.19 min Scan# 2209
Delta R.T. 0.01 min
Lab File: VV012258.D
Acq: 15 Aug 2019 19:55

Instrument :
MSVOA_V
ClientSampleId :
C0AB0

Tgt Ion: 43 Resp: 11171
Ion Ratio Lower Upper
43 100
58 44.0 43.0 64.4
57 15.2 14.9 22.3
100 5.9 10.3 15.5#



#69
Naphthalene
Concen: 1.311 ug/L
RT: 13.55 min Scan# 3876
Delta R.T. 0.00 min
Lab File: VV012258.D
Acq: 15 Aug 2019 19:55

Tgt Ion: 128 Resp: 28908
Ion Ratio Lower Upper
128 100
129 11.0 8.6 12.8
127 13.6 10.1 15.1

