

Data File : VV014497.D
Acq On : 04 Feb 2020 15:26
Operator : SY/MD
Sample : L1324-18 20X
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAT73

Quant Time: Feb 05 01:09:08 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM020120WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Feb 05 01:06:41 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	419280	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	391676	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	197187	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	90884	39.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.06%
7) Chloroethane-d5	1.58	69	65805	45.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.90%
11) 1,1-Dichloroethene-d2	2.13	63	107983	34.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.48%
21) 2-Butanone-d5	3.92	46	176347	112.55	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.55%
24) Chloroform-d	4.40	84	229945	46.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.32%
26) 1,2-Dichloroethane-d4	5.08	65	150062	50.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.10%
32) Benzene-d6	5.09	84	496410	48.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.26%
36) 1,2-Dichloropropane-d6	6.11	67	158590	48.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.20%
41) Toluene-d8	7.35	98	469009	49.26	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.52%
43) trans-1,3-Dichloropropene-	7.66	79	81438	49.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.20%
47) 2-Hexanone-d5	8.12	63	141437	110.79	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.79%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	208668	49.64	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.28%
64) 1,2-Dichlorobenzene-d4	11.67	152	181220	49.90	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.80%

Target Compounds

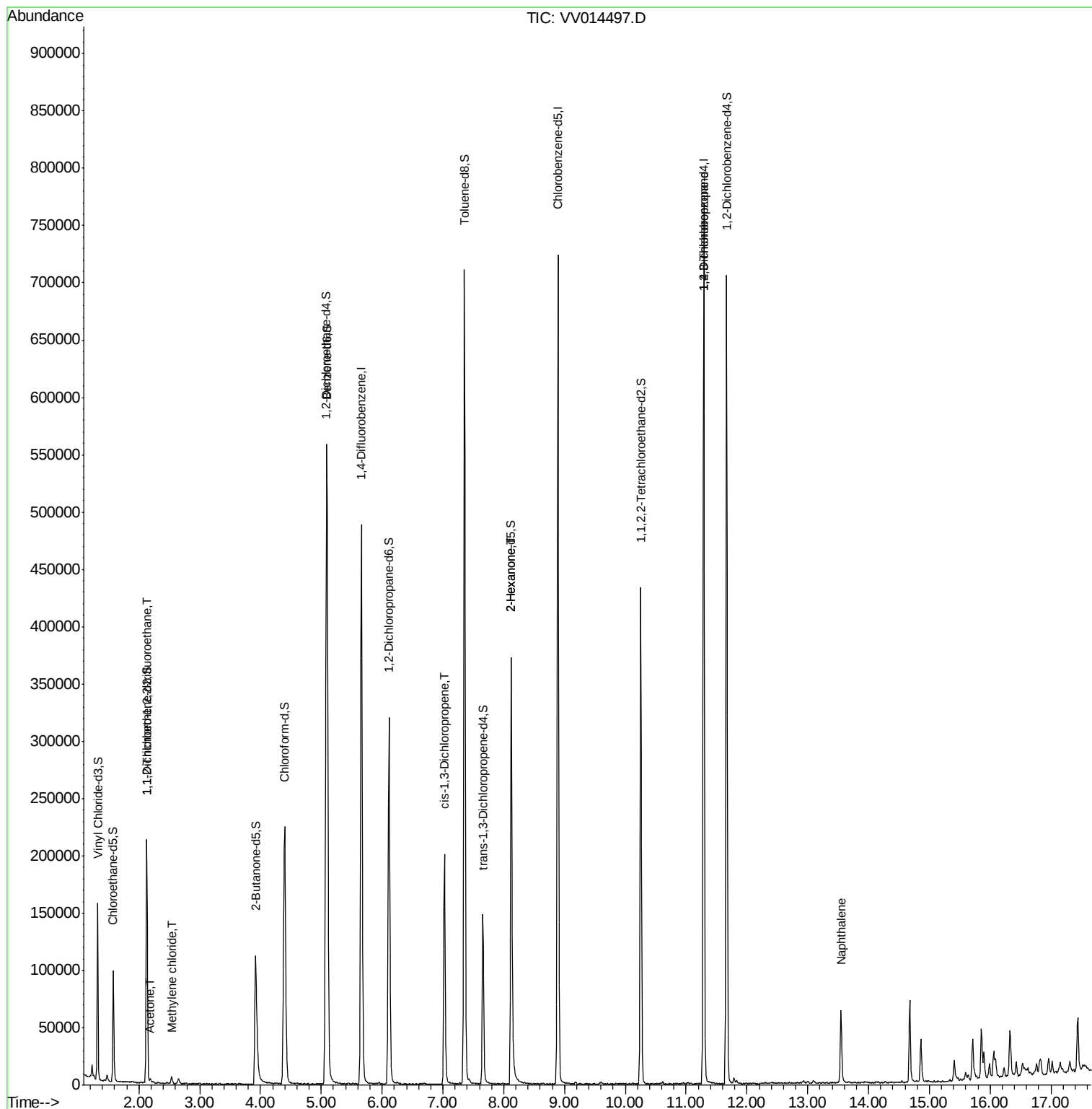
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1127	0.710	ug/L #	19
13) Acetone	2.19	43	2142	1.602	ug/L	72
16) Methylene chloride	2.54	84	2499	0.814	ug/L	93
39) cis-1,3-Dichloropropene	7.02	75	5101	1.074	ug/L #	76
48) 2-Hexanone	8.12	43	15092	5.526	ug/L #	66
59) 1,2,3-Trichloropropane	11.29	75	23577	6.908	ug/L	94
69) Naphthalene	13.55	128	52066	4.430	ug/L	99

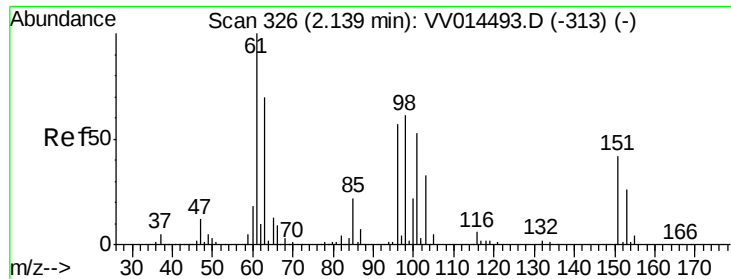
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.710 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

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Instrument :

MSVOA_V

ClientSampled :

GAT73

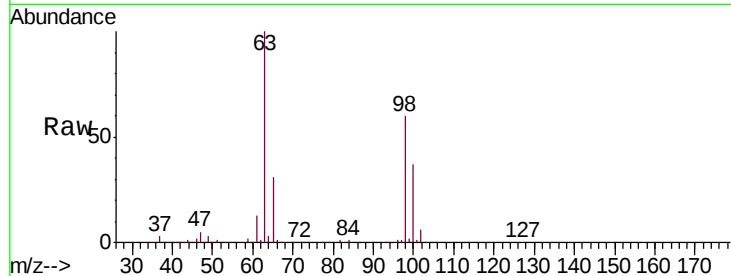
Tgt Ion:101 Resp: 1127

Ion Ratio Lower Upper

101 100

85 0.0 34.6 51.8#

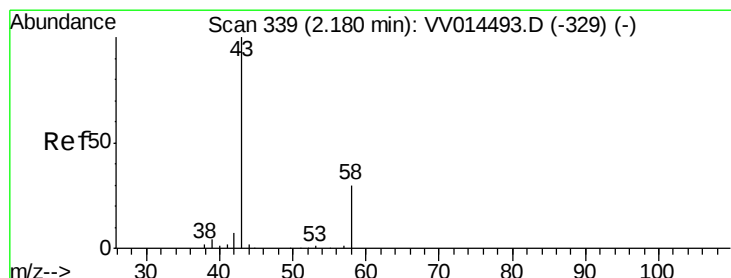
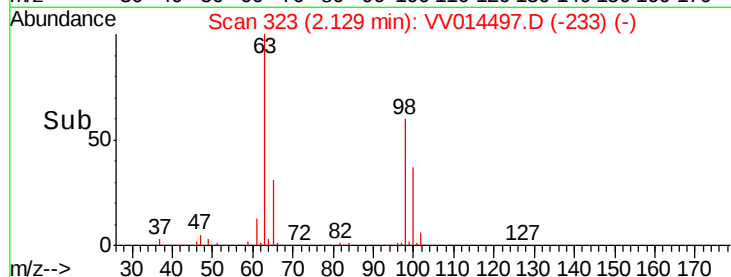
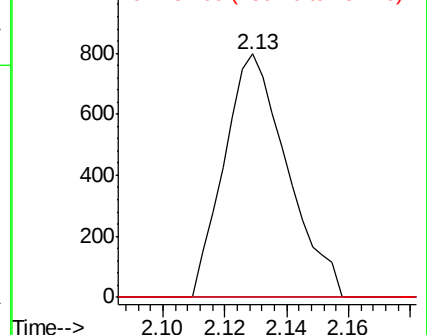
151 0.0 61.2 91.8#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#13

Acetone

Concen: 1.602 ug/L

RT: 2.19 min Scan# 341

Delta R.T. 0.01 min

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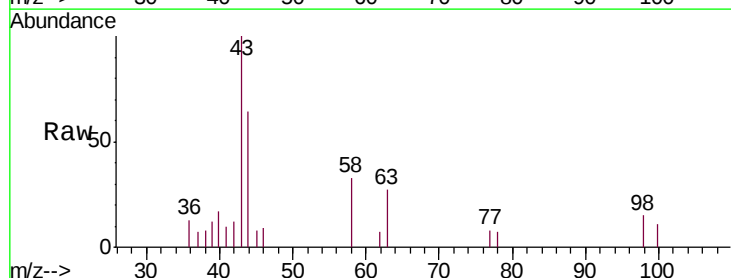
Acq: 04 Feb 2020 15:26

Tgt Ion: 43 Resp: 2142

Ion Ratio Lower Upper

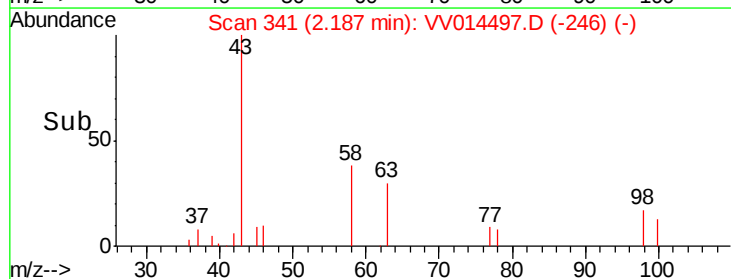
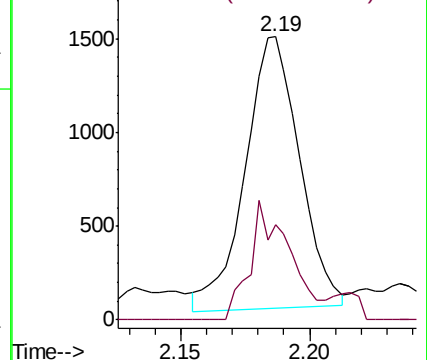
43 100

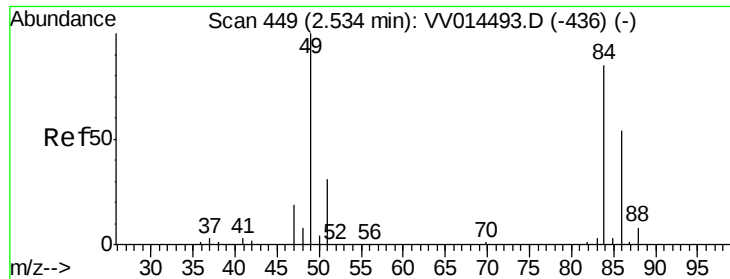
58 15.1 0.0 61.2



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

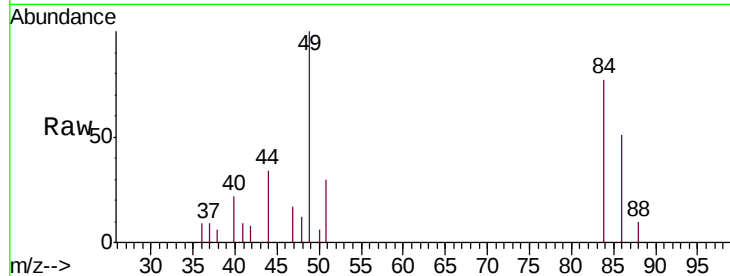




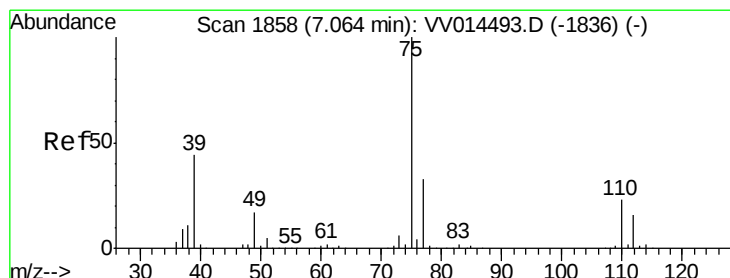
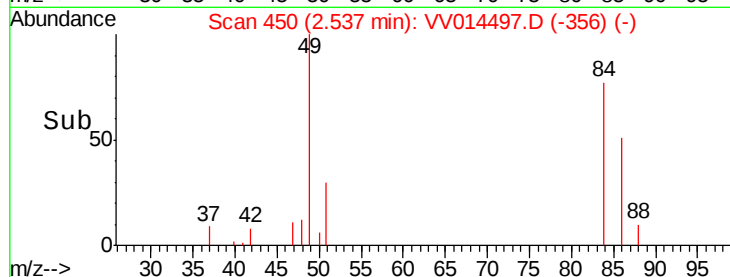
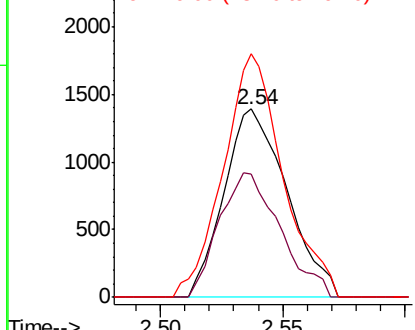
#16
Methylene chloride
Concen: 0.814 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
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Instrument :
MSVOA_V
ClientSampled :
GAT73

Tgt Ion: 84 Resp: 2499
Ion Ratio Lower Upper
84 100
86 65.3 45.6 84.8
49 129.4 82.7 153.7

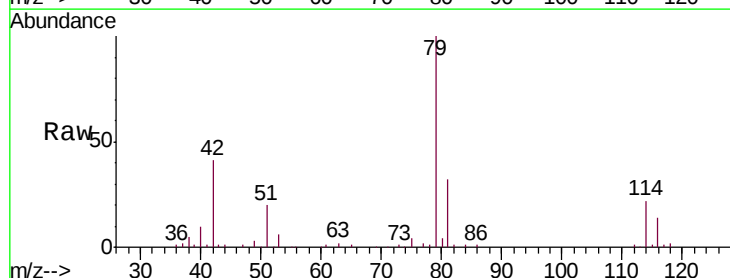


Abundance Ion 84.00 (83.70 to 84.70): VV0
Ion 86.00 (85.70 to 86.70): VV0
Ion 49.00 (48.70 to 49.70): VV0

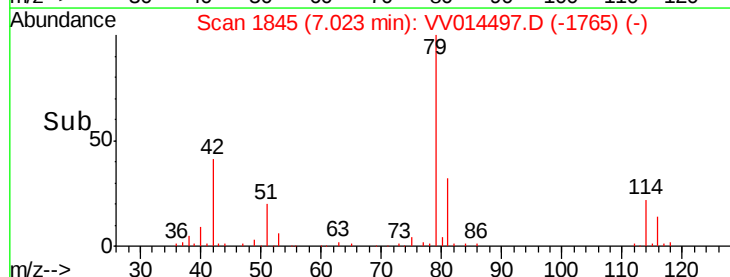
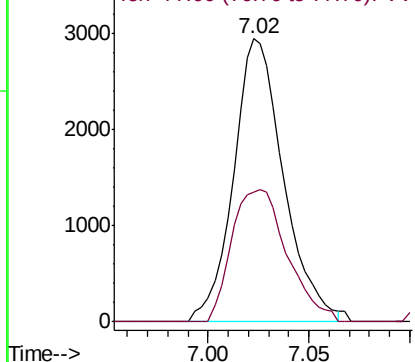


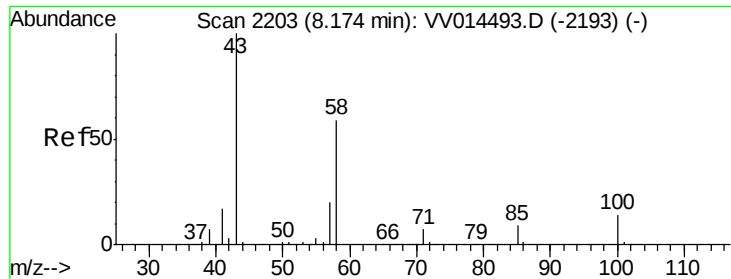
#39
cis-1,3-Dichloropropene
Concen: 1.074 ug/L
RT: 7.02 min Scan# 1845
Delta R.T. -0.04 min
Lab File: VV014497.D
Acq: 04 Feb 2020 15:26

Tgt Ion: 75 Resp: 5101
Ion Ratio Lower Upper
75 100
77 46.0 22.7 42.3#



Abundance Ion 75.00 (74.70 to 75.70): VV0
Ion 77.00 (76.70 to 77.70): VV0





#48

2-Hexanone

Concen: 5.526 ug/L

RT: 8.12 min Scan# 2187

Delta R.T. -0.05 min

Lab File: VV014497.D

Acq: 04 Feb 2020 15:26

Instrument :

MSVOA_V

ClientSampled :

GAT73

Tgt Ion: 43 Resp: 15092

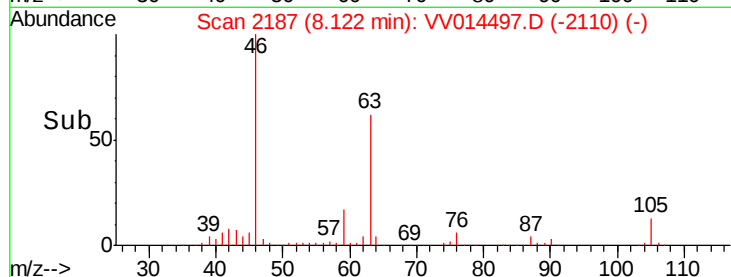
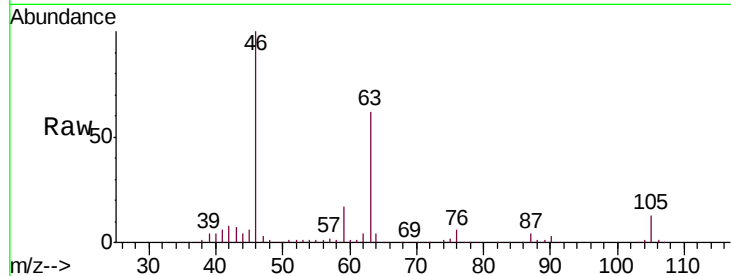
Ion Ratio Lower Upper

43 100

58 28.0 48.0 72.0#

57 22.8 15.0 22.6#

100 0.0 10.4 15.6#

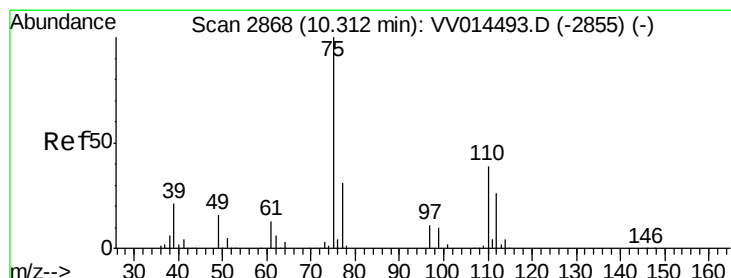
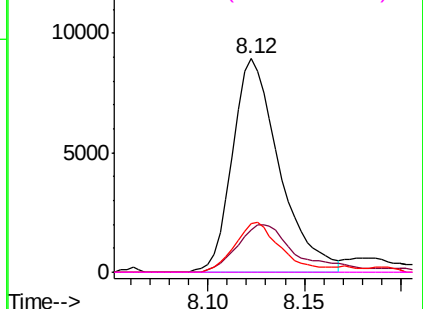


Abundance Ion 43.00 (42.70 to 43.70): VV014497.D (-2110) (-)

Ion 58.00 (57.70 to 58.70): VV014497.D (-2110) (-)

Ion 57.00 (56.70 to 57.70): VV014497.D (-2110) (-)

Ion 100.00 (99.70 to 100.70): VV014497.D (-2110) (-)



#59

1,2,3-Trichloropropane

Concen: 6.908 ug/L

RT: 11.29 min Scan# 3172

Delta R.T. 0.98 min

Lab File: VV014497.D

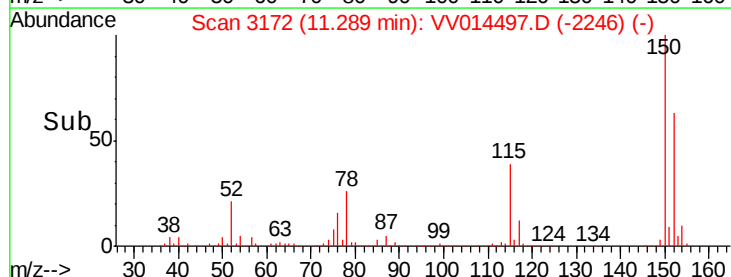
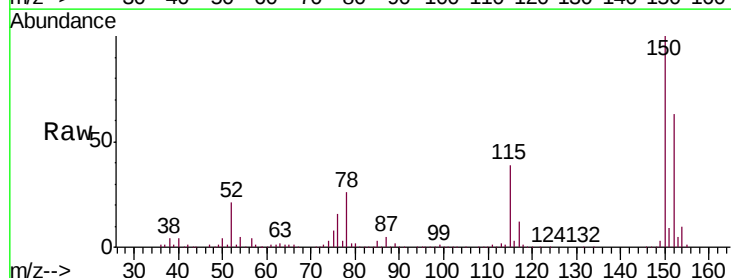
Acq: 04 Feb 2020 15:26

Tgt Ion: 75 Resp: 23577

Ion Ratio Lower Upper

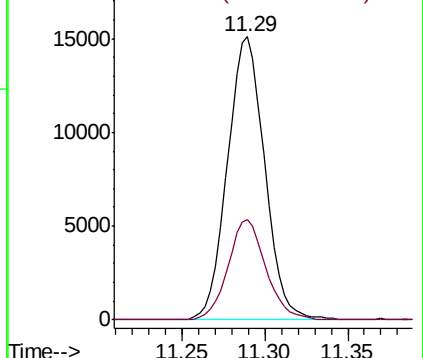
75 100

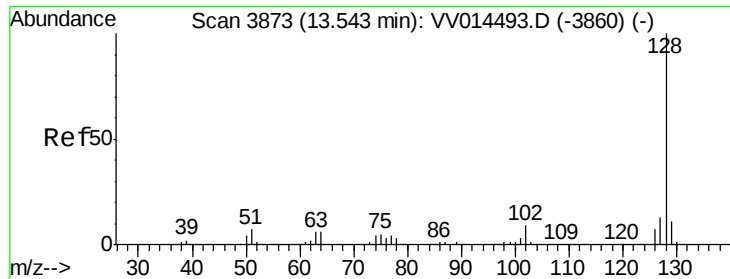
77 36.0 25.9 38.9



Abundance Ion 75.00 (74.70 to 75.70): VV014497.D (-2246) (-)

Ion 77.00 (76.70 to 77.70): VV014497.D (-2246) (-)





#69

Naphthalene

Concen: 4.430 ug/L

RT: 13.55 min Scan# 3874

Delta R.T. 0.00 min

Lab File: VV014497.D

Acq: 04 Feb 2020 15:26

Instrument :

MSVOA_V

ClientSampleId :

GAT73

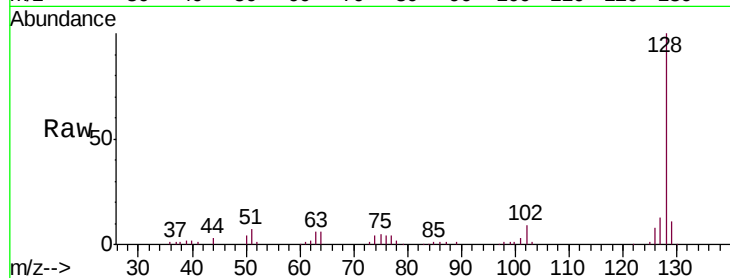
Tgt Ion:128 Resp: 52066

Ion Ratio Lower Upper

128 100

127 13.4 10.2 15.4

129 11.0 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

