

Data File : VV014499.D
Acq On : 04 Feb 2020 16:18
Operator : SY/MD
Sample : L1324-18
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAT73

Quant Time: Feb 05 01:09:23 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	407186	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	392299	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	216906	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	102544	45.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.70%
7) Chloroethane-d5	1.55	69	34366	24.44	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	48.88%#
11) 1,1-Dichloroethene-d2	2.10	63	95681	31.69	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.38%
21) 2-Butanone-d5	3.93	46	163269	107.30	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.30%
24) Chloroform-d	4.39	84	207183	43.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.58%
26) 1,2-Dichloroethane-d4	5.07	65	137560	47.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.42%
32) Benzene-d6	5.09	84	454097	43.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.92%
36) 1,2-Dichloropropane-d6	6.11	67	145522	44.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.06%
41) Toluene-d8	7.35	98	425785	44.65	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.30%
43) trans-1,3-Dichloropropene-	7.66	79	77296	46.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.06%
47) 2-Hexanone-d5	8.14	63	147748	115.55	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	115.55%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	224428	53.30	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	192425	48.17	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.34%

Target Compounds

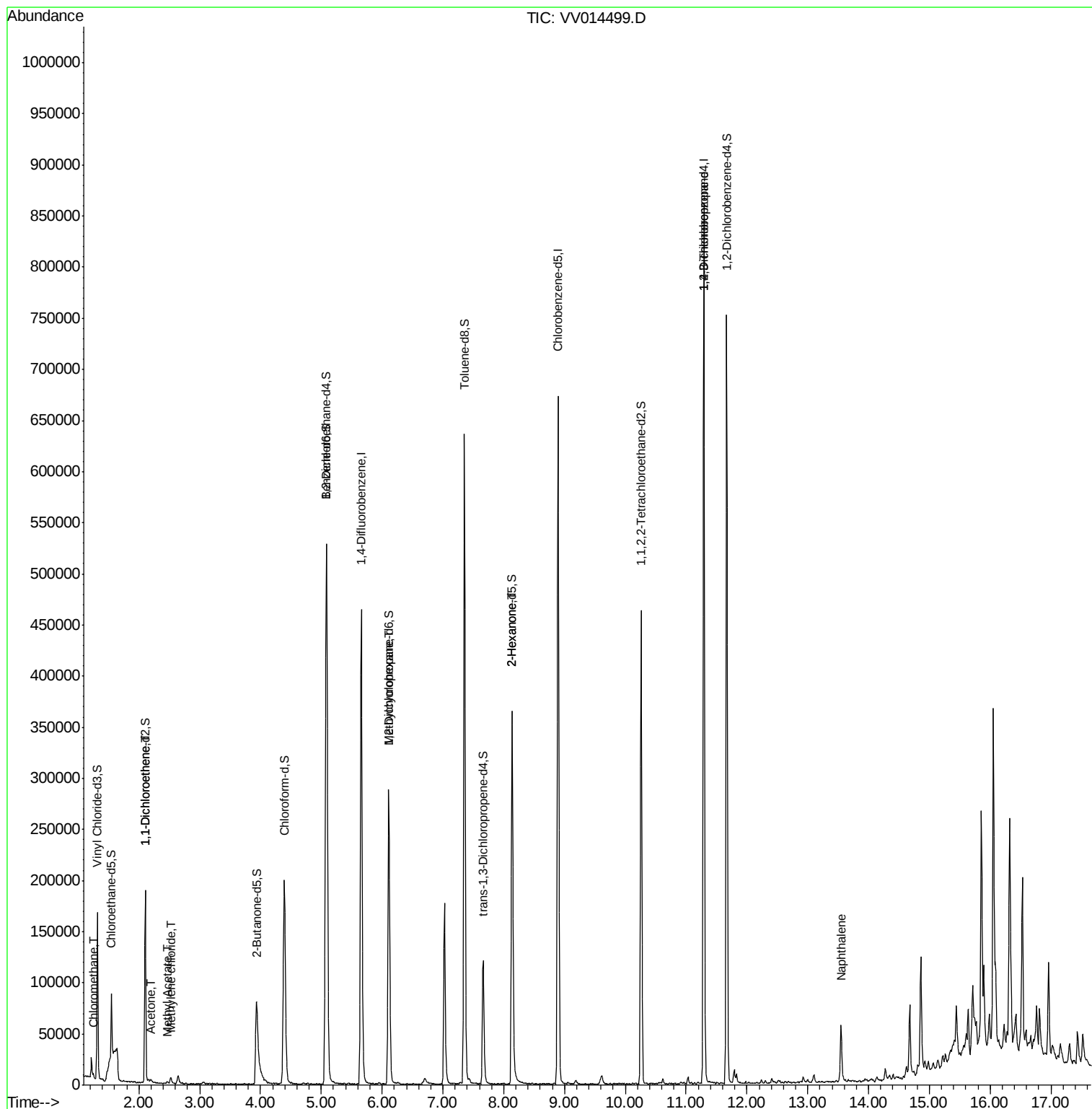
					Qvalue
3) Chloromethane	1.25	50	3196	0.899 ug/L	91
12) 1,1-Dichloroethene	2.11	96	1142	0.737 ug/L #	1
13) Acetone	2.20	43	2125	1.637 ug/L	98
15) Methyl Acetate	2.47	43	1952	0.780 ug/L	98
16) Methylene chloride	2.52	84	2408	0.807 ug/L	84
35) Methylcyclohexane	6.11	83	35702	7.349 ug/L #	20
48) 2-Hexanone	8.14	43	16196	5.920 ug/L #	63
59) 1,2,3-Trichloropropane	11.29	75	25077	7.336 ug/L	89
69) Naphthalene	13.55	128	44095	3.410 ug/L	99

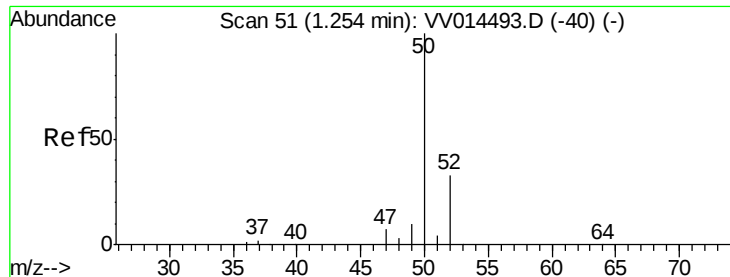
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VV014499.D
Acq On : 04 Feb 2020 16:18
Operator : SY/MD
Sample : L1324-18
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAT73

Quant Time: Feb 05 01:09:23 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





#3

Chloromethane

Concen: 0.899 ug/L

RT: 1.25 min Scan# 50

Delta R.T. -0.00 min

Lab File: VV014499.D

Acq: 04 Feb 2020 16:18

Instrument :

MSVOA_V

ClientSampleId :

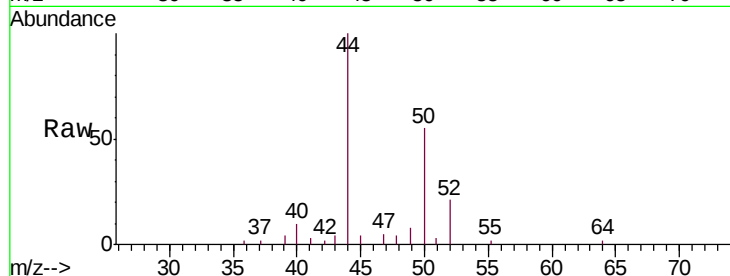
GAT73

Tgt Ion: 50 Resp: 3196

Ion Ratio Lower Upper

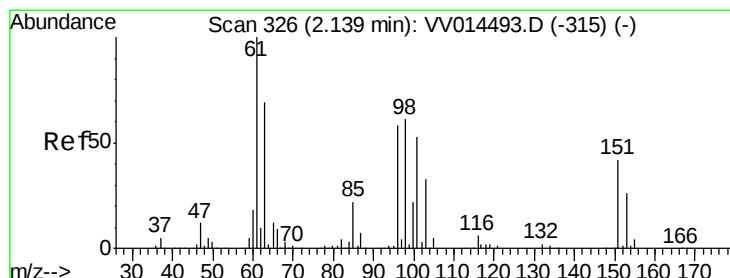
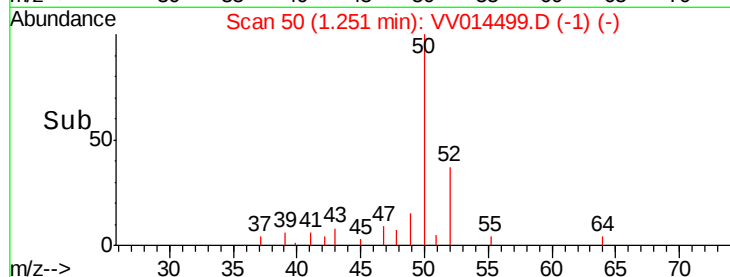
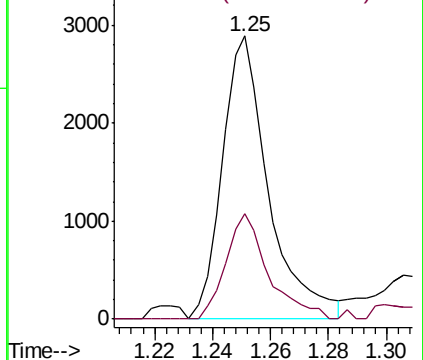
50 100

52 37.4 22.8 42.4



Abundance Ion 50.00 (49.70 to 50.70): VV0

Ion 52.00 (51.70 to 52.70): VV0



#12

1,1-Dichloroethene

Concen: 0.737 ug/L

RT: 2.11 min Scan# 316

Delta R.T. -0.03 min

Lab File: VV014499.D

Acq: 04 Feb 2020 16:18

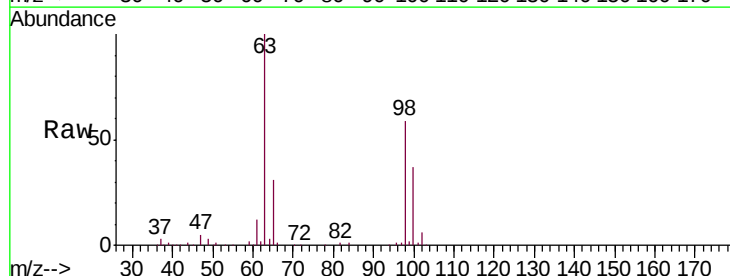
Tgt Ion: 96 Resp: 1142

Ion Ratio Lower Upper

96 100

61 1055.3 120.5 223.7#

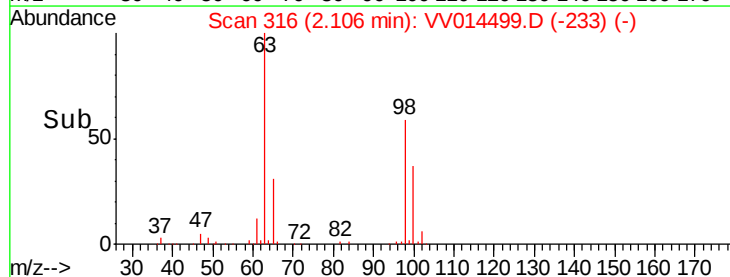
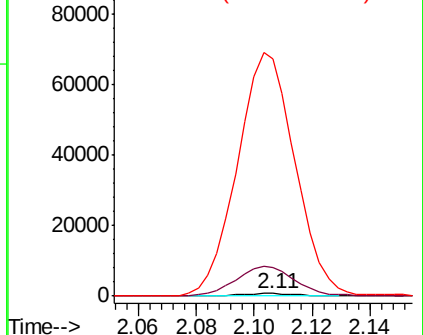
63 8742.7 87.1 161.7#

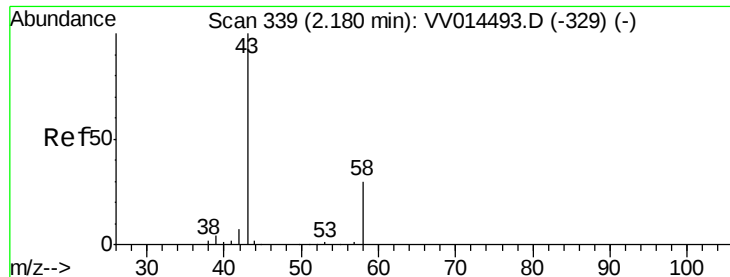


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 1.637 ug/L

RT: 2.20 min Scan# 345

Delta R.T. 0.02 min

Lab File: VV014499.D

Acq: 04 Feb 2020 16:18

Instrument :

MSVOA_V

ClientSampleId :

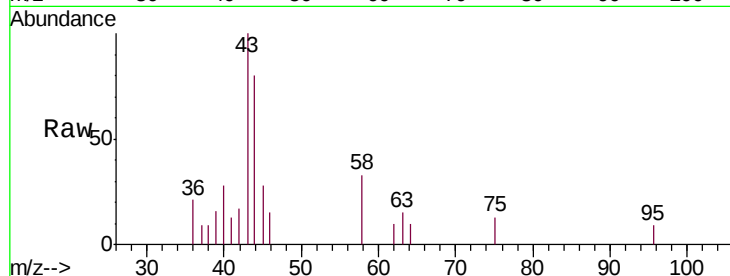
GAT73

Tgt Ion: 43 Resp: 2125

Ion Ratio Lower Upper

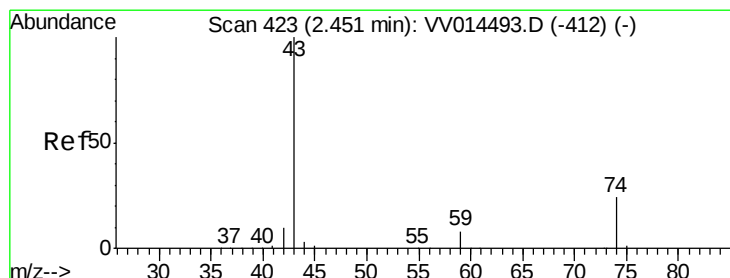
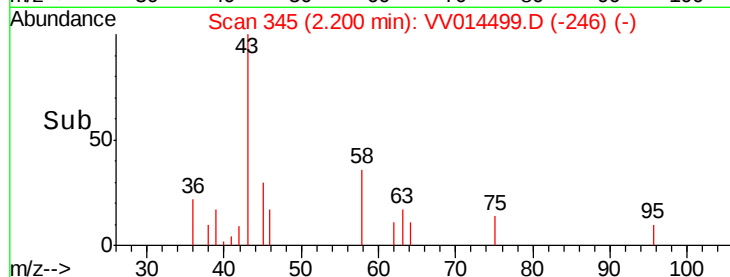
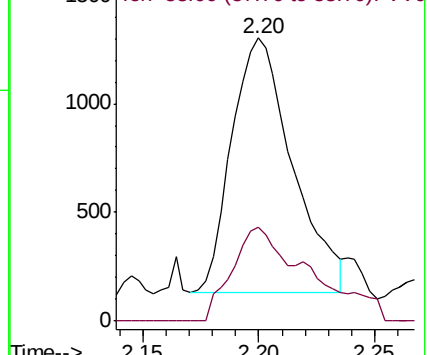
43 100

58 31.6 0.0 61.2



Abundance Ion 43.00 (42.70 to 43.70): VV014499.D (-345) (-)

Ion 58.00 (57.70 to 58.70): VV014499.D (-345) (-)



#15

Methyl Acetate

Concen: 0.780 ug/L

RT: 2.47 min Scan# 428

Delta R.T. 0.02 min

Lab File: VV014499.D

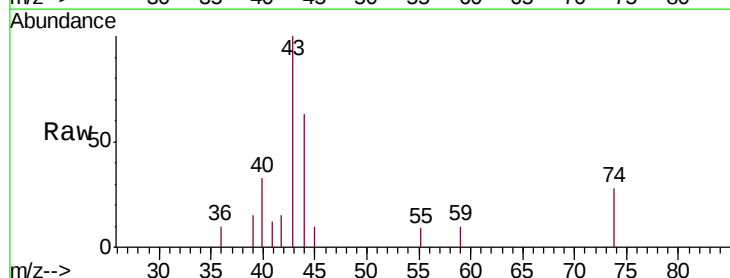
Acq: 04 Feb 2020 16:18

Tgt Ion: 43 Resp: 1952

Ion Ratio Lower Upper

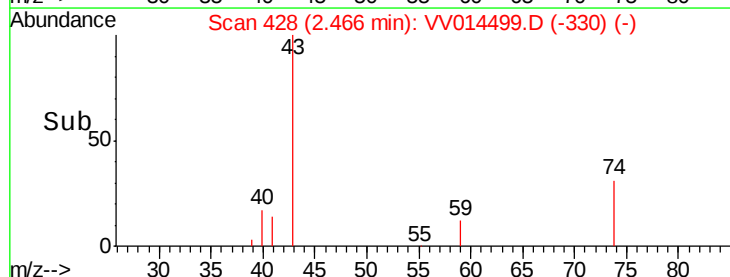
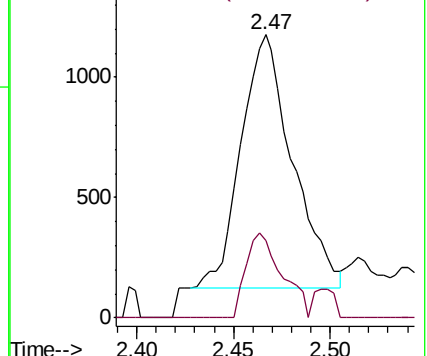
43 100

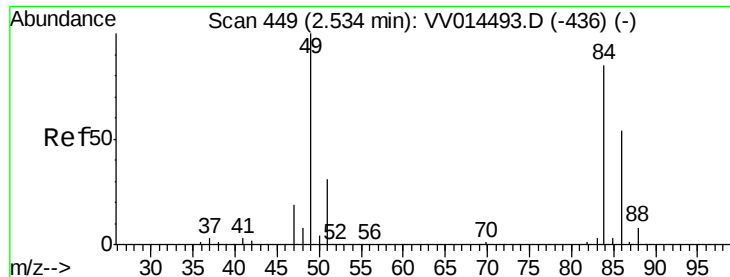
74 23.6 19.6 29.4



Abundance Ion 43.00 (42.70 to 43.70): VV014499.D (-428) (-)

Ion 74.00 (73.70 to 74.70): VV014499.D (-428) (-)

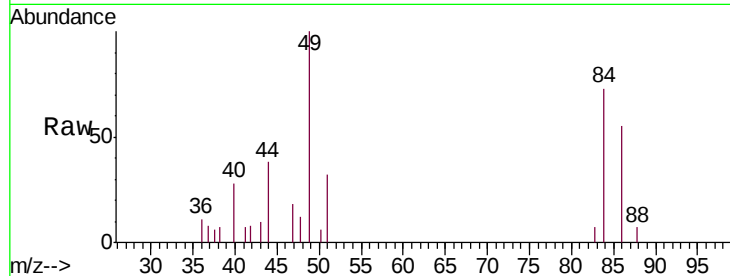




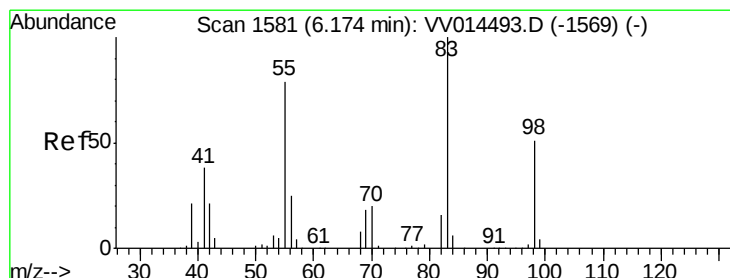
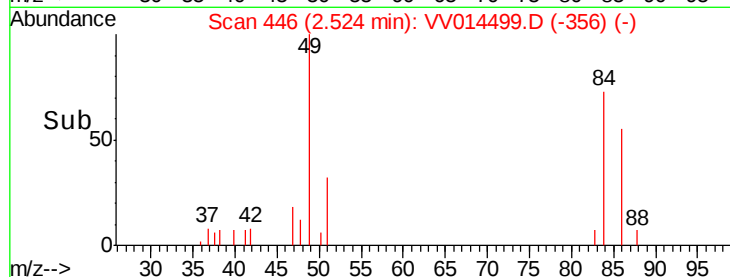
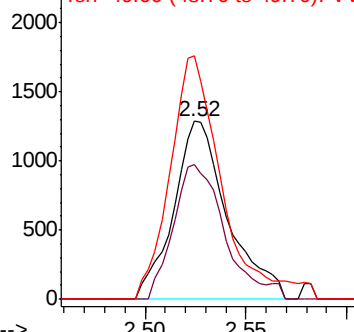
#16
Methylene chloride
Concen: 0.807 ug/L
RT: 2.52 min Scan# 446
Delta R.T. -0.01 min
Lab File: VV014499.D
Acq: 04 Feb 2020 16:18

Instrument :
MSVOA_V
ClientSampled :
GAT73

Tgt Ion: 84 Resp: 2408
Ion Ratio Lower Upper
84 100
86 75.8 45.6 84.8
49 136.6 82.7 153.7

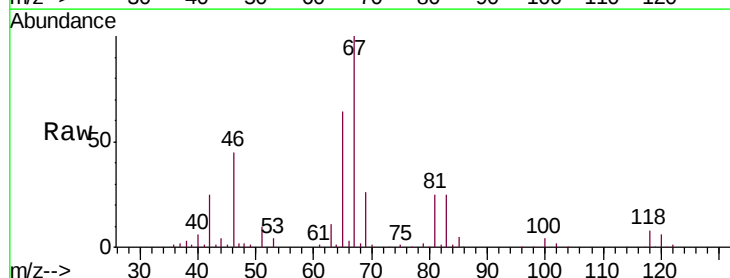


Abundance Ion 84.00 (83.70 to 84.70): VV0
Ion 86.00 (85.70 to 86.70): VV0
Ion 49.00 (48.70 to 49.70): VV0

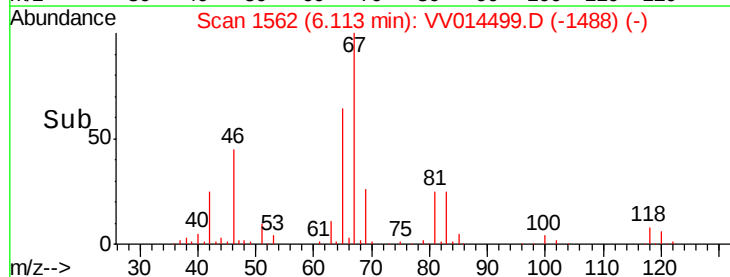
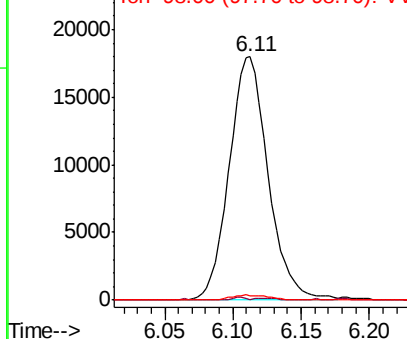


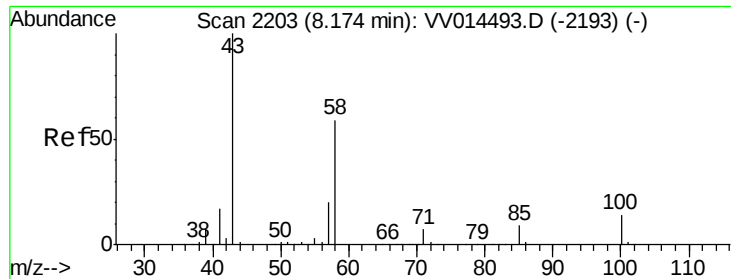
#35
Methylcyclohexane
Concen: 7.349 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.06 min
Lab File: VV014499.D
Acq: 04 Feb 2020 16:18

Tgt Ion: 83 Resp: 35702
Ion Ratio Lower Upper
83 100
55 0.3 60.4 90.6#
98 1.9 39.2 58.8#



Abundance Ion 83.00 (82.70 to 83.70): VV0
Ion 55.00 (54.70 to 55.70): VV0
Ion 98.00 (97.70 to 98.70): VV0





#48

2-Hexanone

Concen: 5.920 ug/L

RT: 8.14 min Scan# 2192

Delta R.T. -0.04 min

Lab File: VV014499.D

Acq: 04 Feb 2020 16:18

Instrument :

MSVOA_V

ClientSampled :

GAT73

Tgt Ion: 43 Resp: 16196

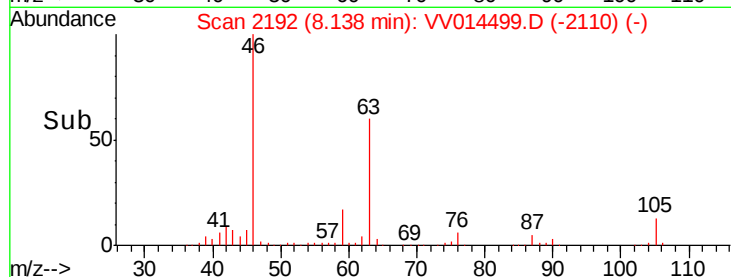
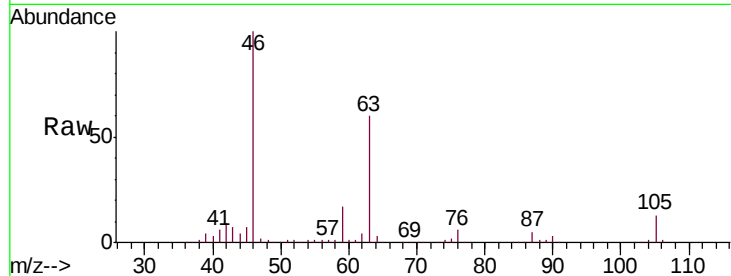
Ion Ratio Lower Upper

43 100

58 24.5 48.0 72.0#

57 22.6 15.0 22.6#

100 0.0 10.4 15.6#

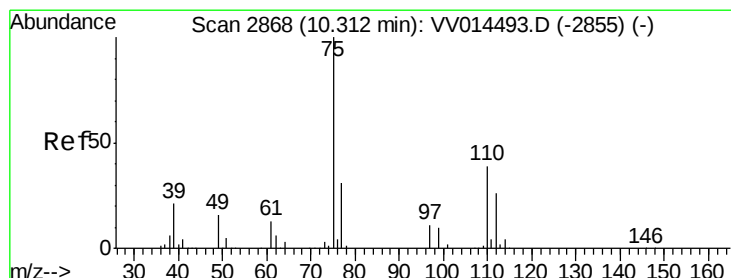
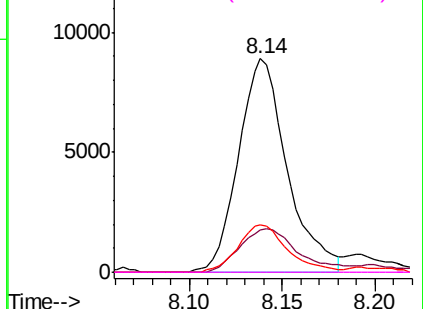


Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

Ion 57.00 (56.70 to 57.70): VV0

Ion 100.00 (99.70 to 100.70): VV0



#59

1,2,3-Trichloropropane

Concen: 7.336 ug/L

RT: 11.29 min Scan# 3172

Delta R.T. 0.98 min

Lab File: VV014499.D

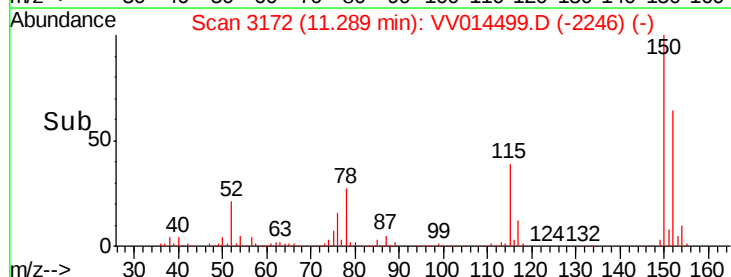
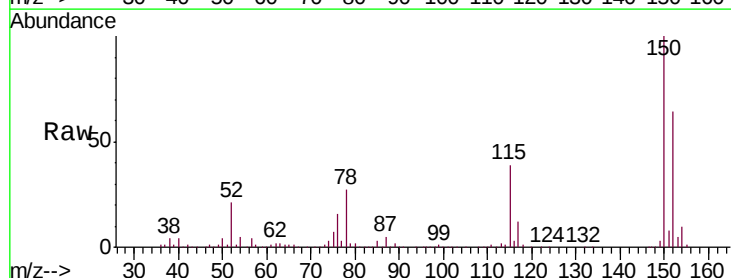
Acq: 04 Feb 2020 16:18

Tgt Ion: 75 Resp: 25077

Ion Ratio Lower Upper

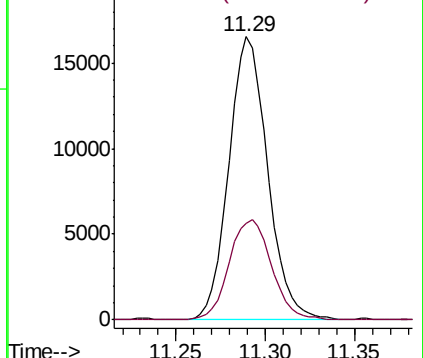
75 100

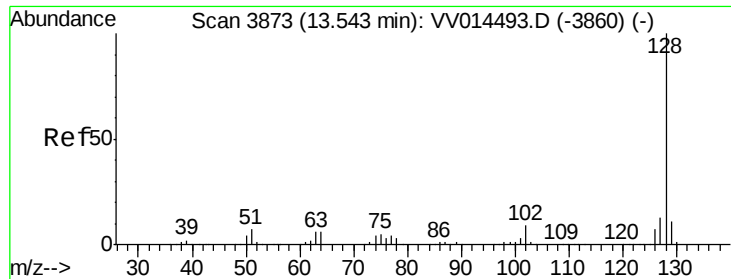
77 38.6 25.9 38.9



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0





#69

Naphthalene

Concen: 3.410 ug/L

RT: 13.55 min Scan# 3874

Delta R.T. 0.00 min

Lab File: VV014499.D

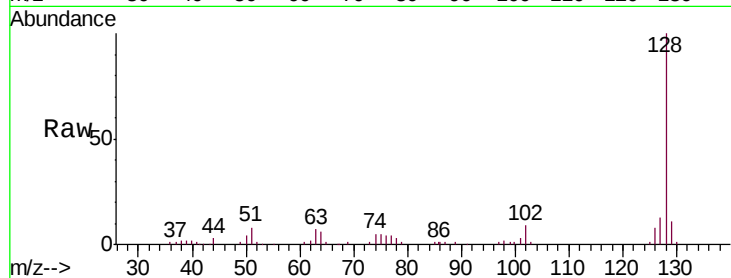
Acq: 04 Feb 2020 16:18

Instrument :

MSVOA_V

ClientSampleId :

GAT73



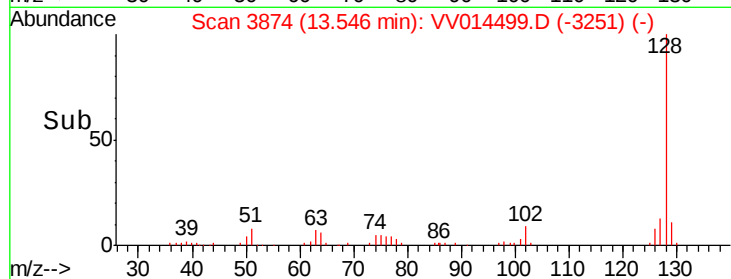
Tgt Ion:128 Resp: 44095

Ion Ratio Lower Upper

128 100

127 12.6 10.2 15.4

129 11.5 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

