

Data File : VV011818.D
Acq On : 02 Jul 2019 21:36
Operator : SY/MD
Sample : K3597-18
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAM75

Quant Time: Jul 03 08:33:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR070219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 03 08:28:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	152181	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	148453	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	65525	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	54999	5.37	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	107.40%
7) Chloroethane-d5	1.58	69	45719	5.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	116.20%
11) 1,1-Dichloroethene-d2	2.13	63	81816	4.08	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.60%
20) 2-Butanone-d5	3.94	46	143438	56.71	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.42%
24) Chloroform-d	4.40	84	106382	5.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.80%
26) 1,2-Dichloroethane-d4	5.08	65	58961	5.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.60%
32) Benzene-d6	5.10	84	210607	5.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.00%
36) 1,2-Dichloropropane-d6	6.12	67	65850	5.36	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.20%
41) Toluene-d8	7.36	98	182486	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.80%
43) trans-1,3-Dichloropropene-	7.67	79	20125	4.73	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.60%
46) 2-Hexanone-d5	8.13	63	107529	54.91	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.82%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	44641	5.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	67889	5.87	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	117.40%

Target Compounds

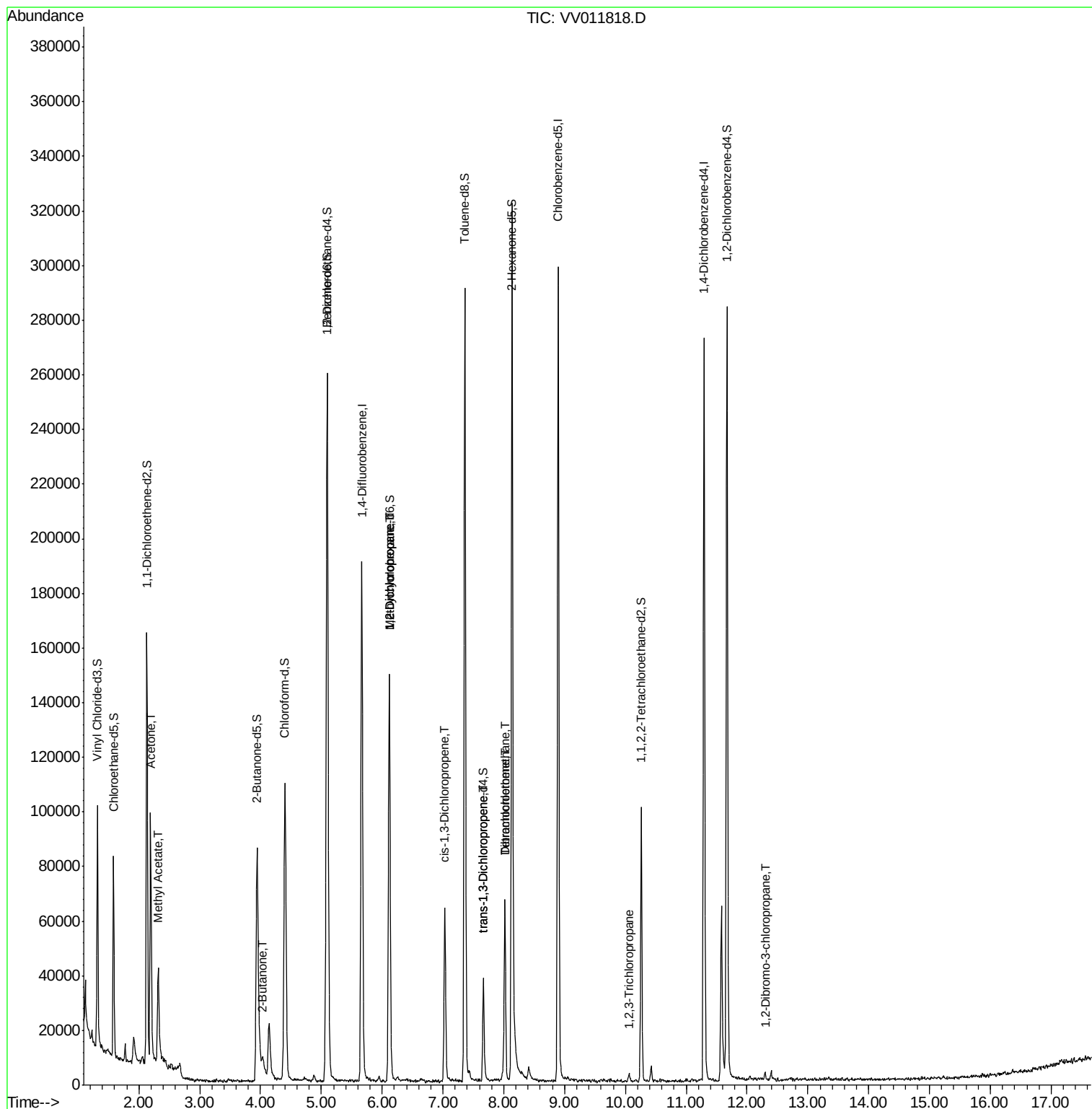
					Qvalue
13) Acetone	2.19	43	95729	55.264 ug/L	99
15) Methyl Acetate	2.32	43	9312	1.934 ug/L #	50
21) 2-Butanone	4.04	43	9594	3.391 ug/L	89
35) Methylcyclohexane	6.12	83	16536	0.879 ug/L #	15
37) 1,2-Dichloropropane	6.12	63	8495	0.751 ug/L #	89
39) cis-1,3-Dichloropropene	7.03	75	1864	0.123 ug/L	87
44) trans-1,3-Dichloropropene	7.67	75	1096	0.094 ug/L #	81
47) Tetrachloroethene	8.02	164	14170	1.566 ug/L	98
49) Dibromochloromethane	8.02	129	12993	1.686 ug/L #	11
59) 1,2,3-Trichloropropane	10.06	75	1377	0.210 ug/L #	58
66) 1,2-Dibromo-3-chloropropan	12.30	75	200	0.165 ug/L #	6

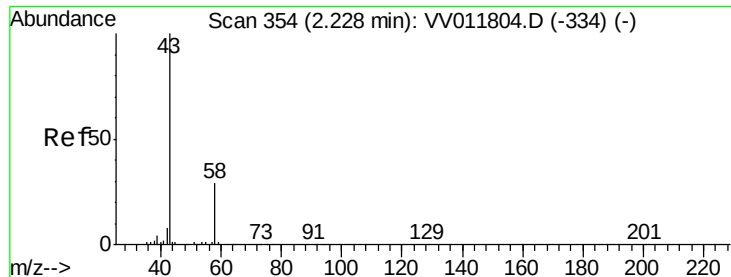
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VV011818.D
Acq On : 02 Jul 2019 21:36
Operator : SY/MD
Sample : K3597-18
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAM75

Quant Time: Jul 03 08:33:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR070219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 03 08:28:44 2019
Response via : Initial Calibration





#13

Acetone

Concen: 55.264 ug/L

RT: 2.19 min Scan# 343

Delta R.T. -0.04 min

Lab File: VV011818.D

Acq: 02 Jul 2019 21:36

Instrument :

MSVOA_V

ClientSampleId :

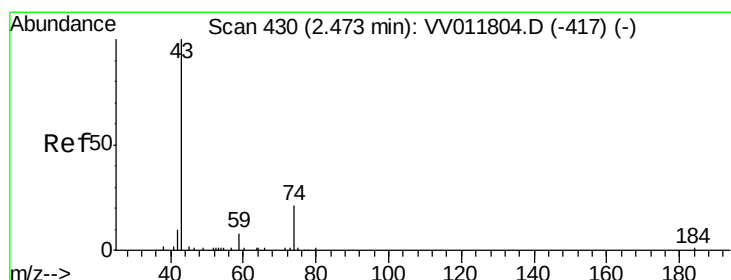
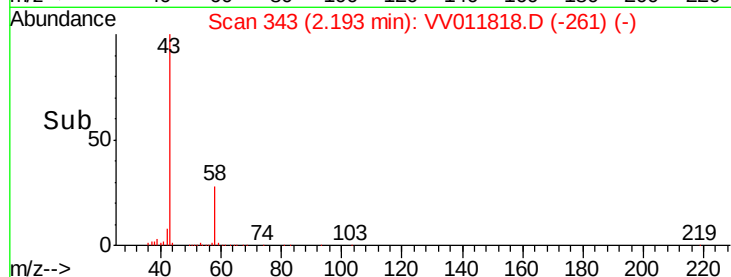
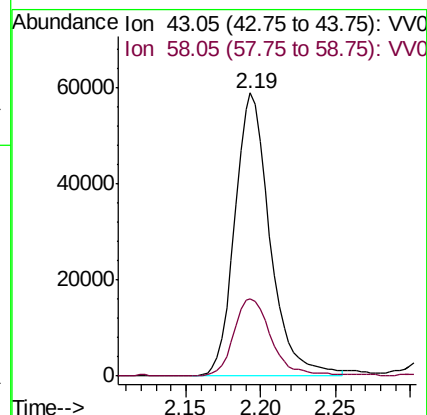
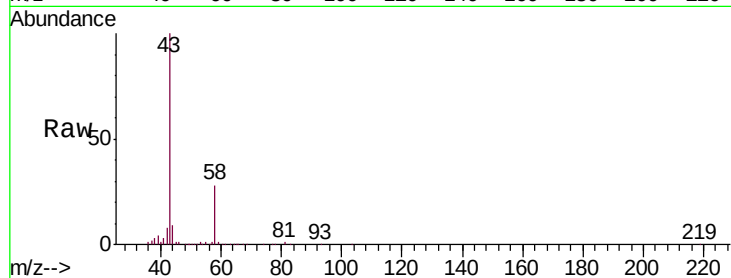
GAM75

Tgt Ion: 43 Resp: 95729

Ion Ratio Lower Upper

43 100

58 29.5 0.0 58.0



#15

Methyl Acetate

Concen: 1.934 ug/L

RT: 2.32 min Scan# 382

Delta R.T. -0.15 min

Lab File: VV011818.D

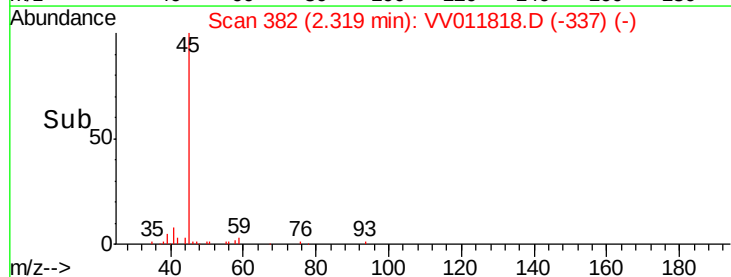
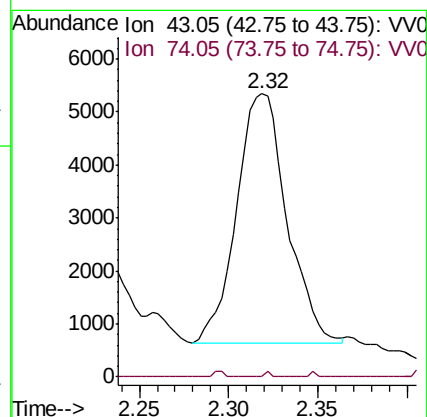
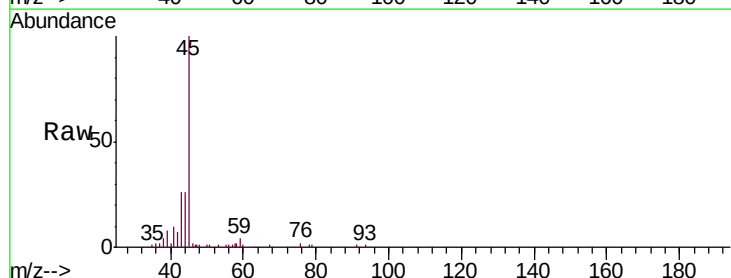
Acq: 02 Jul 2019 21:36

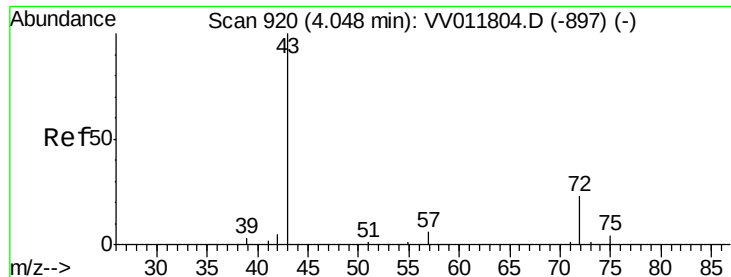
Tgt Ion: 43 Resp: 9312

Ion Ratio Lower Upper

43 100

74 0.2 20.2 30.4#





#21

2-Butanone

Concen: 3.391 ug/L

RT: 4.04 min Scan# 917

Delta R.T. -0.01 min

Lab File: VV011818.D

Acq: 02 Jul 2019 21:36

Instrument :

MSVOA_V

ClientSampleId :

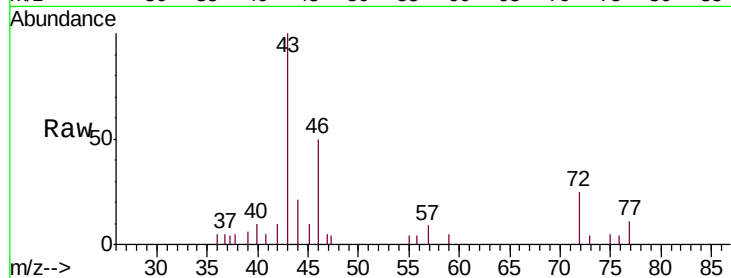
GAM75

Tgt Ion: 43 Resp: 9594

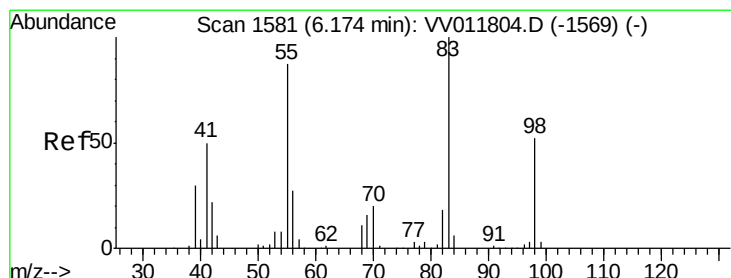
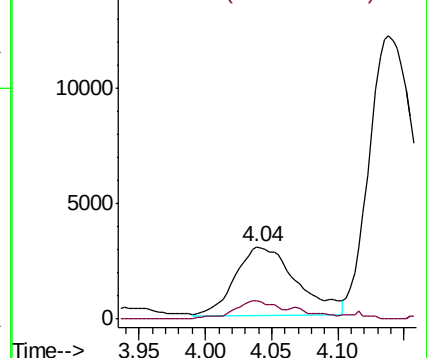
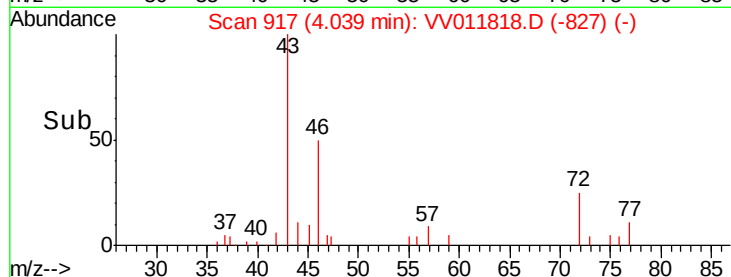
Ion Ratio Lower Upper

43 100

72 18.9 12.1 36.3



Abundance Ion 43.05 (42.75 to 43.75): VV011818.D (-827) (-)



#35

Methylcyclohexane

Concen: 0.879 ug/L

RT: 6.12 min Scan# 1564

Delta R.T. -0.05 min

Lab File: VV011818.D

Acq: 02 Jul 2019 21:36

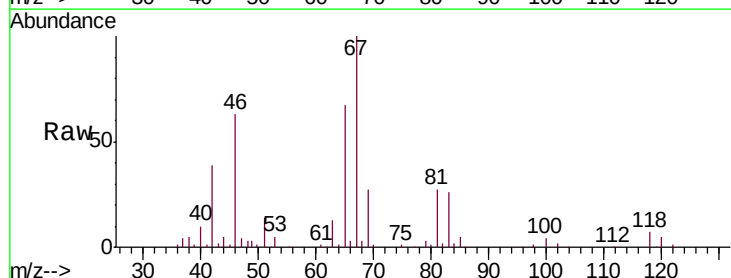
Tgt Ion: 83 Resp: 16536

Ion Ratio Lower Upper

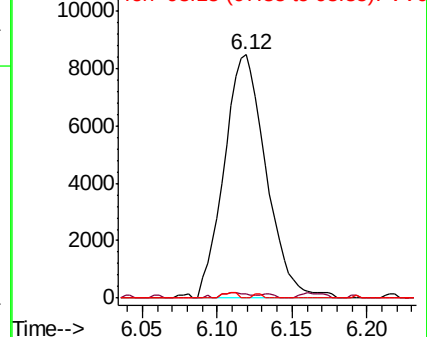
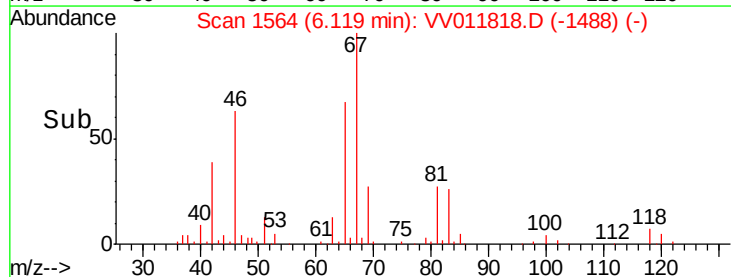
83 100

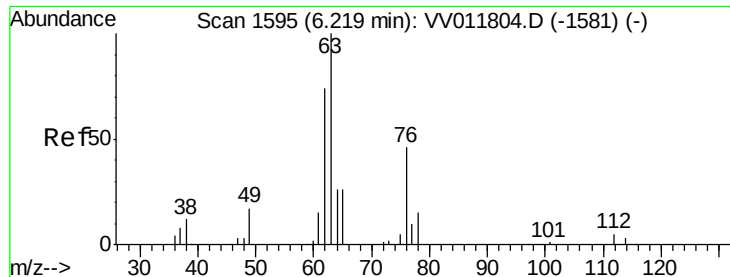
55 0.6 67.8 101.6#

98 0.3 39.8 59.8#



Abundance Ion 83.15 (82.85 to 83.85): VV011818.D (-1488) (-)

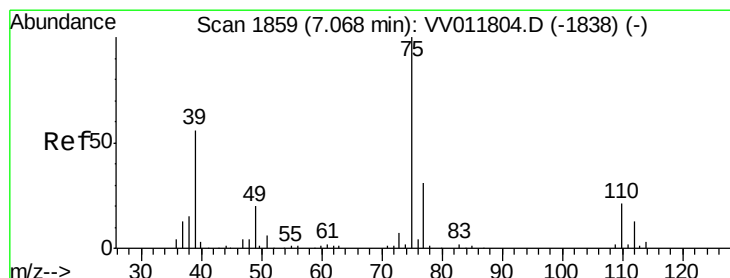
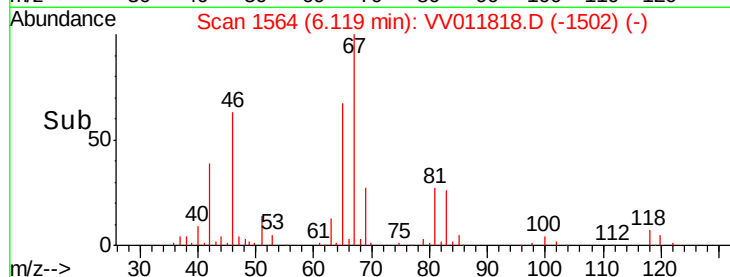
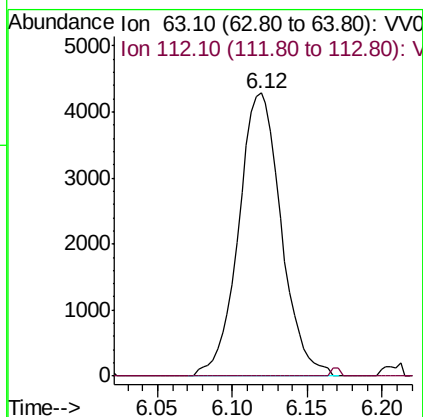
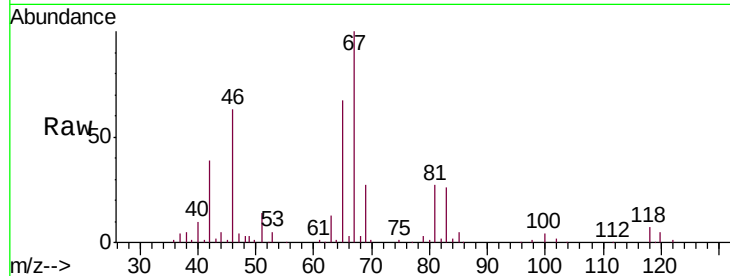




#37
 1,2-Dichloropropane
 Concen: 0.751 ug/L
 RT: 6.12 min Scan# 1564
 Delta R.T. -0.10 min
 Lab File: VV011818.D
 Acq: 02 Jul 2019 21:36

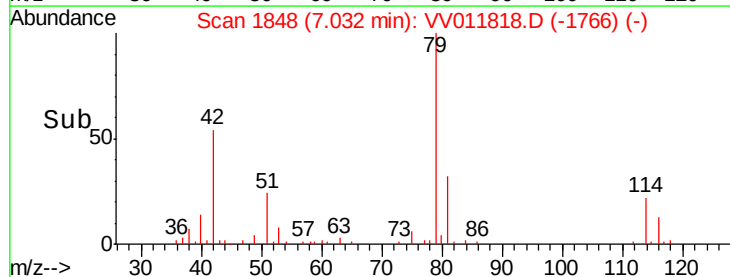
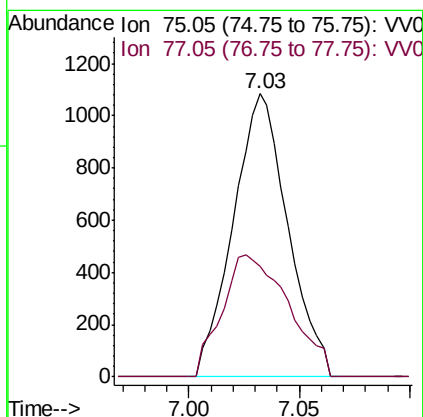
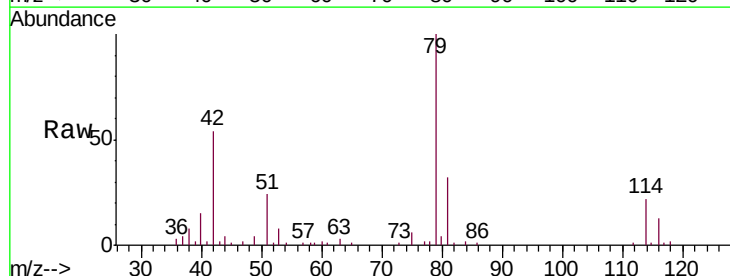
Instrument :
 MSVOA_V
 ClientSampleId :
 GAM75

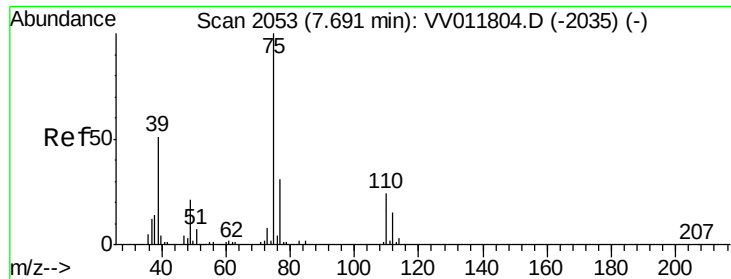
Tgt Ion: 63 Resp: 8495
 Ion Ratio Lower Upper
 63 100
 112 0.5 3.2 4.8#



#39
 cis-1,3-Dichloropropene
 Concen: 0.123 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV011818.D
 Acq: 02 Jul 2019 21:36

Tgt Ion: 75 Resp: 1864
 Ion Ratio Lower Upper
 75 100
 77 38.8 22.0 40.8





#44

trans-1,3-Dichloropropene

Concen: 0.094 ug/L

RT: 7.67 min Scan# 2046

Delta R.T. -0.02 min

Lab File: VV011818.D

Acq: 02 Jul 2019 21:36

Instrument :

MSVOA_V

ClientSampleId :

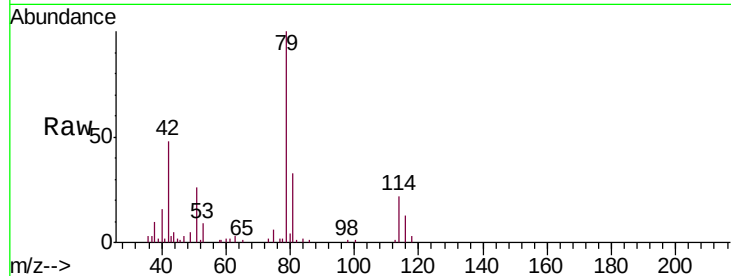
GAM75

Tgt Ion: 75 Resp: 1096

Ion Ratio Lower Upper

75 100

77 41.5 21.6 40.0#



Abundance Ion 75.05 (74.75 to 75.75): VV011818.D (-1960) (-)

Ion 77.05 (76.75 to 77.75): VV011818.D (-1960) (-)

7.67

600

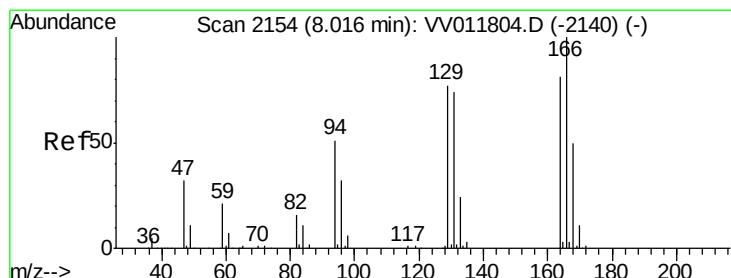
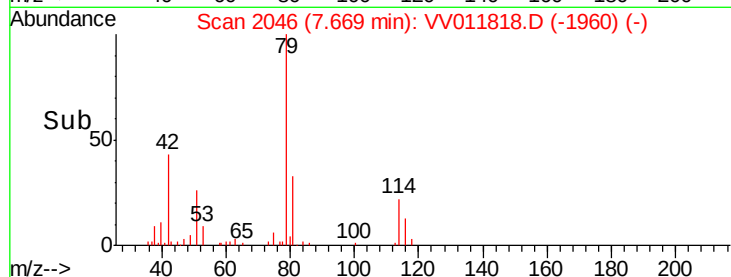
400

200

0

7.65 7.70

Time-->



#47

Tetrachloroethene

Concen: 1.566 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. 0.00 min

Lab File: VV011818.D

Acq: 02 Jul 2019 21:36

Tgt Ion: 164 Resp: 14170

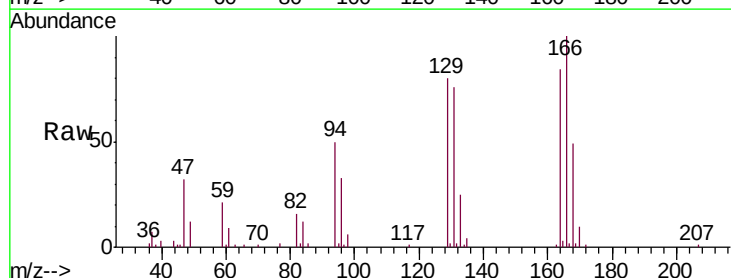
Ion Ratio Lower Upper

164 100

129 94.7 65.7 121.9

131 90.8 63.2 117.4

166 119.1 85.8 159.3



Abundance Ion 163.90 (163.60 to 164.60): VV011818.D (-2061) (-)

Ion 128.95 (128.65 to 129.65): VV011818.D (-2061) (-)

Ion 130.95 (130.65 to 131.65): VV011818.D (-2061) (-)

Ion 165.90 (165.60 to 166.60): VV011818.D (-2061) (-)

8.02

15000

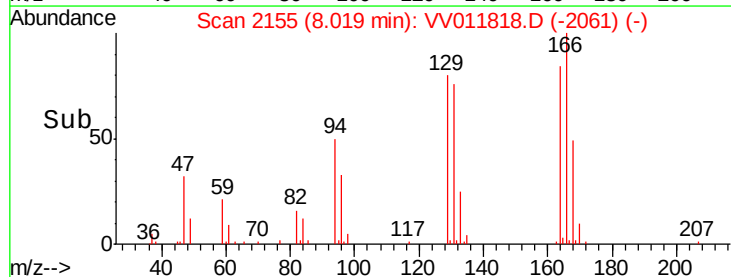
10000

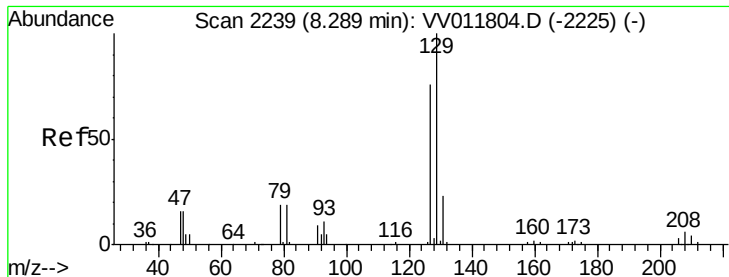
5000

0

7.95 8.00 8.05

Time-->

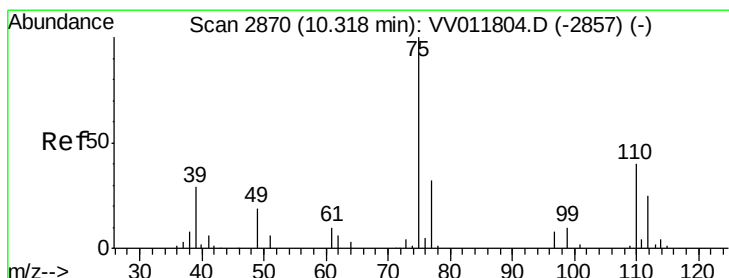
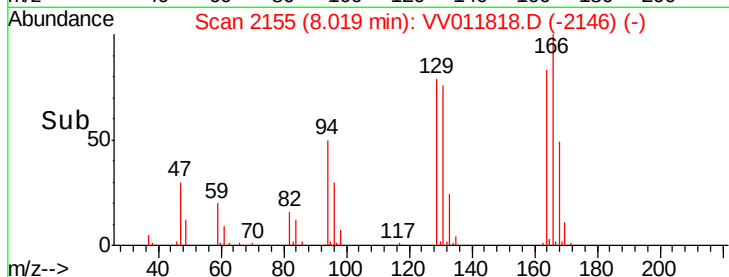
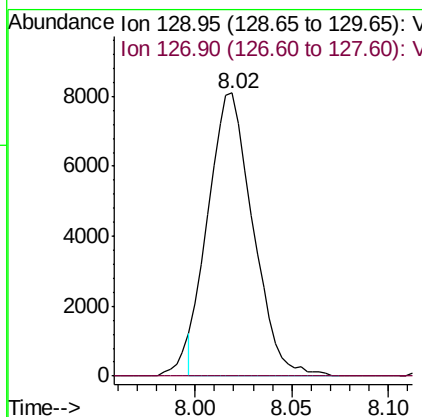
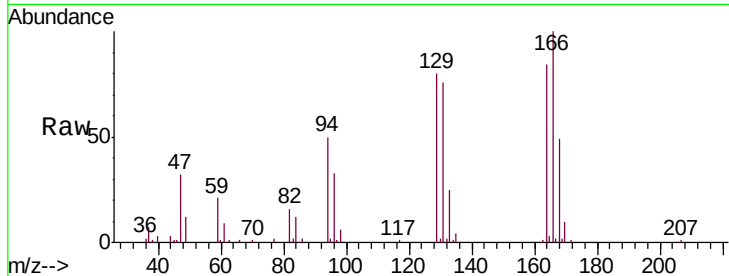




#49
 Dibromochloromethane
 Concen: 1.686 ug/L
 RT: 8.02 min Scan# 2155
 Delta R.T. -0.27 min
 Lab File: VV011818.D
 Acq: 02 Jul 2019 21:36

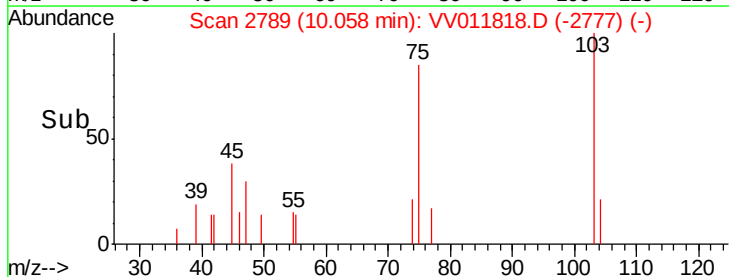
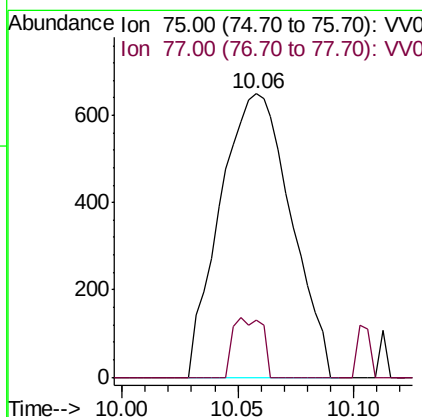
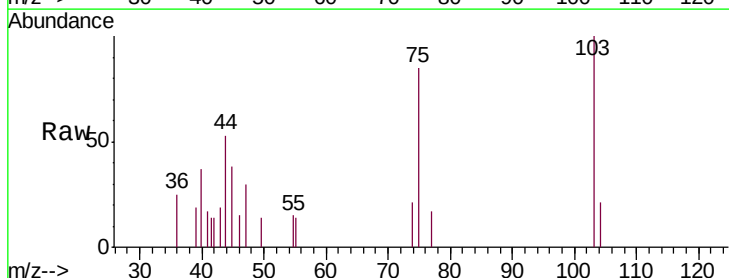
Instrument :
 MSVOA_V
 ClientSampled :
 GAM75

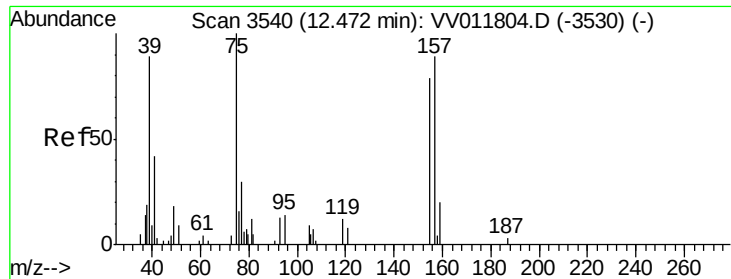
Tgt Ion: 129 Resp: 12993
 Ion Ratio Lower Upper
 129 100
 127 0.0 53.9 100.1#



#59
 1,2,3-Trichloropropane
 Concen: 0.210 ug/L
 RT: 10.06 min Scan# 2789
 Delta R.T. -0.26 min
 Lab File: VV011818.D
 Acq: 02 Jul 2019 21:36

Tgt Ion: 75 Resp: 1377
 Ion Ratio Lower Upper
 75 100
 77 8.7 25.4 38.2#





#66

1,2-Dibromo-3-chloropropane

Concen: 0.165 ug/L

RT: 12.30 min Scan# 3486

Delta R.T. -0.17 min

Lab File: VV011818.D

Acq: 02 Jul 2019 21:36

Instrument :

MSVOA_V

ClientSampleId :

GAM75

Tgt Ion: 75 Resp: 200

Ion Ratio Lower Upper

75 100

155 0.0 64.2 96.4#

157 0.0 73.6 110.4#

