

Data File : VV011688.D
Acq On : 21 Jun 2019 16:56
Operator : SY/MD
Sample : K3415-07
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GALP4

Quant Time: Jun 22 04:15:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR062119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jun 22 04:10:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	154964	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	145668	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	59116	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	45956	4.47	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.40%
7) Chloroethane-d5	1.58	69	31751	4.39	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.80%
11) 1,1-Dichloroethene-d2	2.12	63	70497	3.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.40%
20) 2-Butanone-d5	3.96	46	159928	59.03	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.06%
24) Chloroform-d	4.40	84	78937	4.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.20%
26) 1,2-Dichloroethane-d4	5.08	65	59362	5.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.20%
32) Benzene-d6	5.09	84	195748	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
36) 1,2-Dichloropropane-d6	6.12	67	60870	4.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.20%
41) Toluene-d8	7.36	98	165131	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.80%
43) trans-1,3-Dichloropropene-	7.67	79	18559	4.25	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.00%
46) 2-Hexanone-d5	8.14	63	119761	58.36	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	116.72%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	45317	5.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	57477	5.15	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.00%

Target Compounds

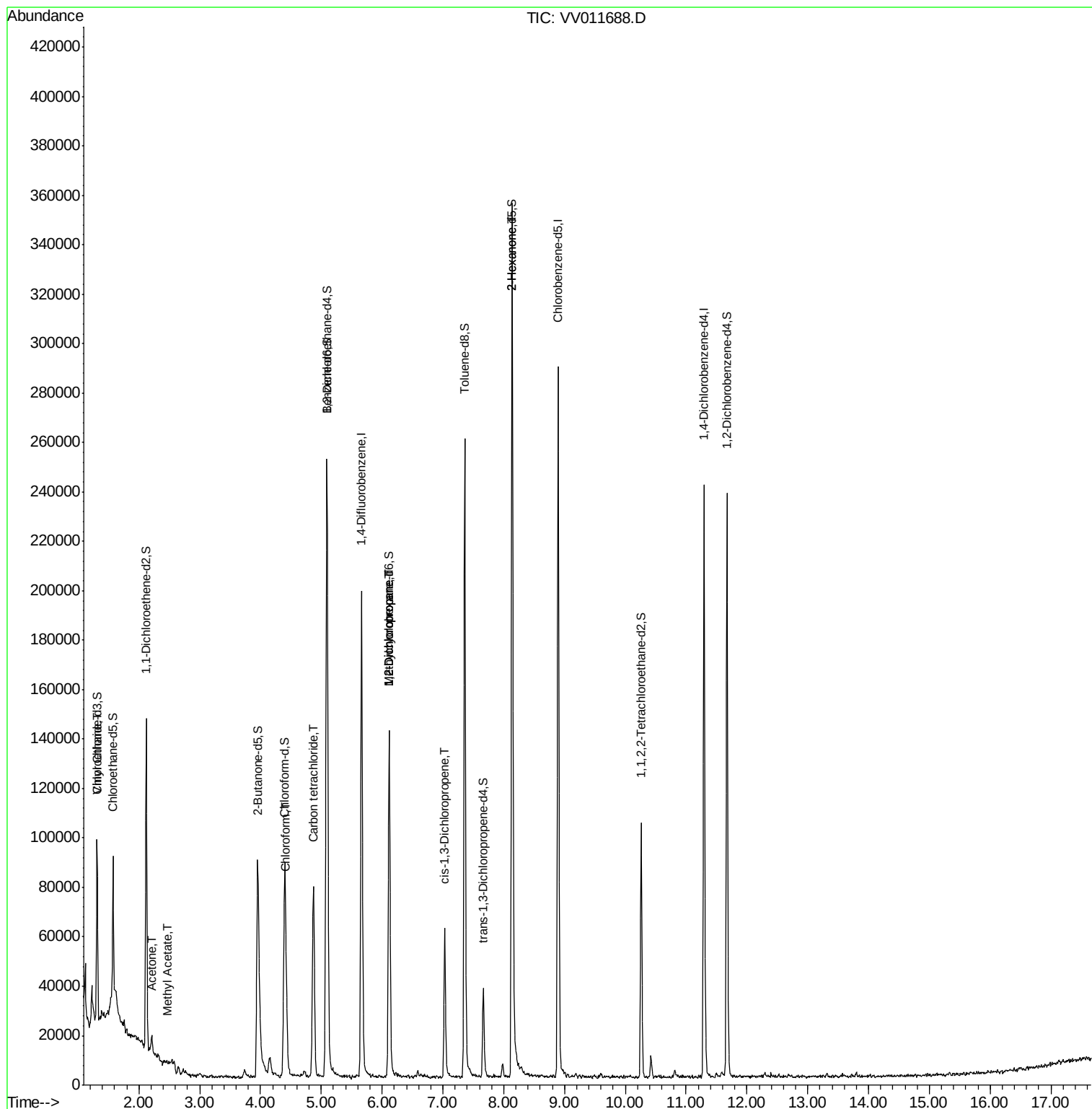
						Qvalue
8) Chloroethane	1.32	64	892	0.119	ug/L	97
13) Acetone	2.21	43	8668	4.429	ug/L	97
15) Methyl Acetate	2.47	43	756	0.155	ug/L #	76
25) Chloroform	4.42	83	21238	0.863	ug/L	99
31) Carbon tetrachloride	4.87	117	53294	3.361	ug/L	100
35) Methylcyclohexane	6.12	83	14832	0.717	ug/L #	15
37) 1,2-Dichloropropane	6.12	63	7945	0.648	ug/L #	89
39) cis-1,3-Dichloropropene	7.03	75	1594	0.099	ug/L #	36
48) 2-Hexanone	8.14	43	16743	3.096	ug/L #	69

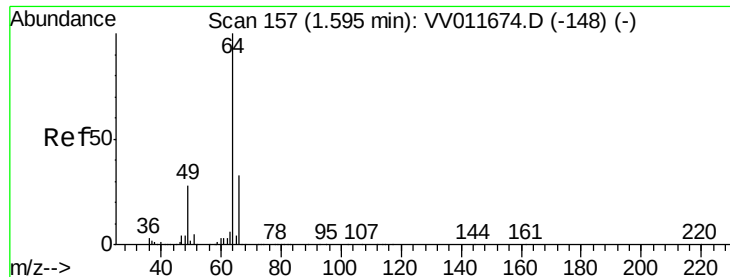
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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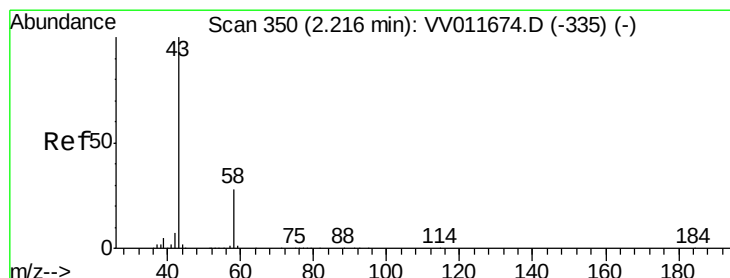
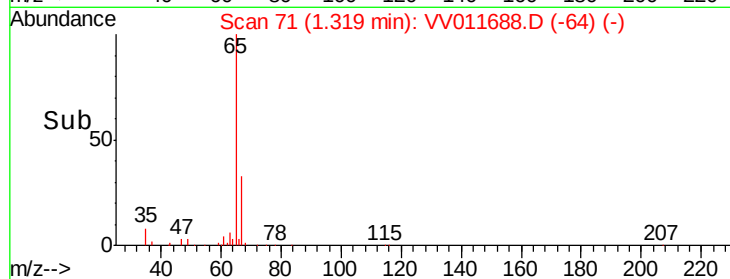
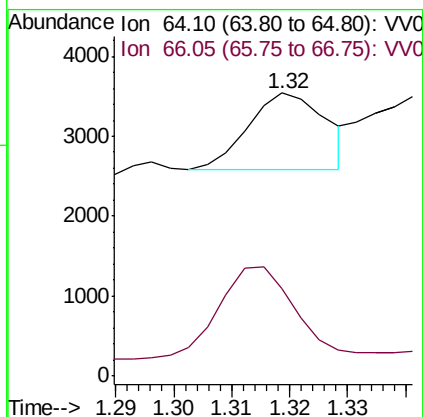
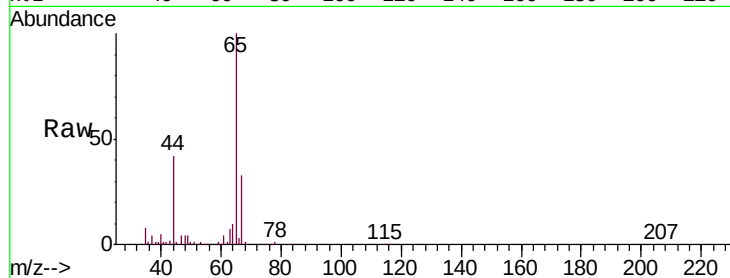




#8
Chloroethane
Concen: 0.119 ug/L
RT: 1.32 min Scan# 71
Delta R.T. -0.28 min
Lab File: VV011688.D
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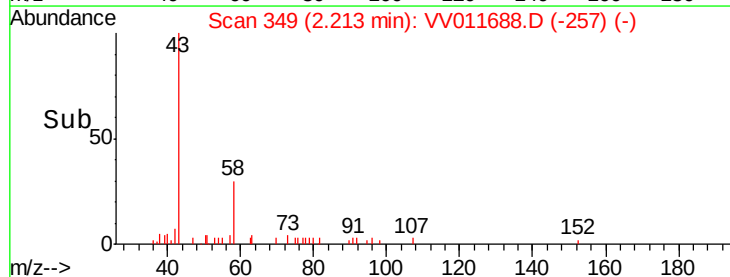
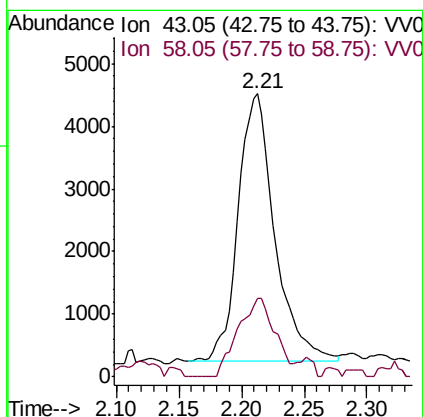
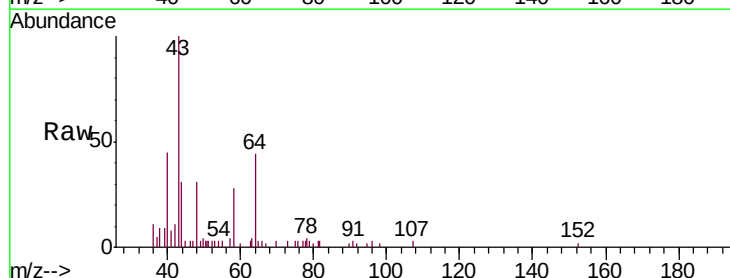
Instrument :
MSVOA_V
ClientSampled :
GALP4

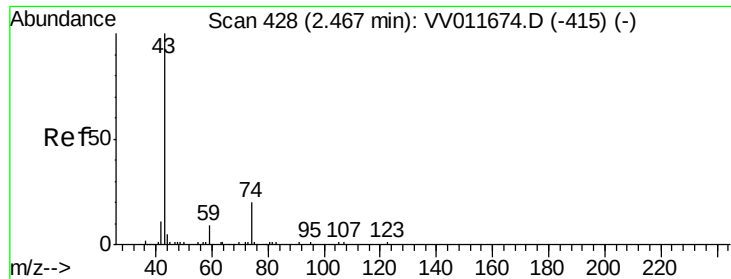
Tgt Ion: 64 Resp: 892
Ion Ratio Lower Upper
64 100
66 31.0 20.6 38.4



#13
Acetone
Concen: 4.429 ug/L
RT: 2.21 min Scan# 349
Delta R.T. -0.00 min
Lab File: VV011688.D
Acq: 21 Jun 2019 16:56

Tgt Ion: 43 Resp: 8668
Ion Ratio Lower Upper
43 100
58 29.9 0.0 56.6

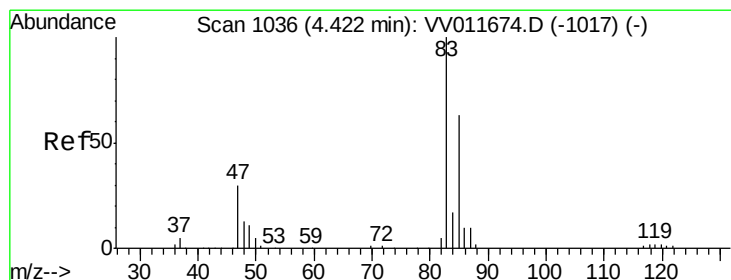
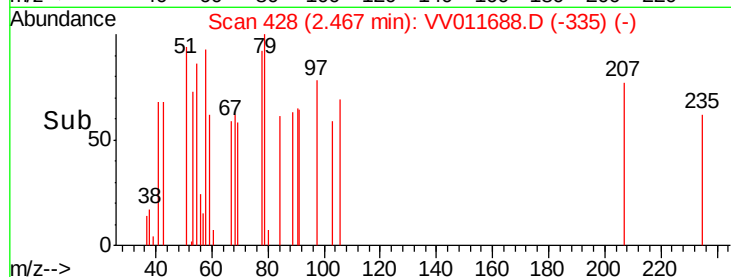
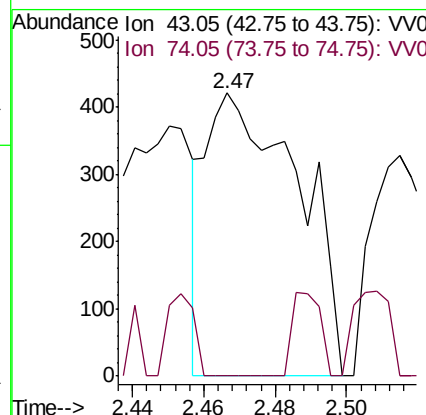
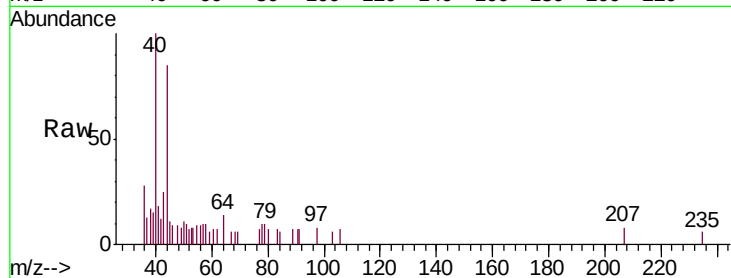




#15
Methyl Acetate
Concen: 0.155 ug/L
RT: 2.47 min Scan# 428
Delta R.T. -0.00 min
Lab File: VV011688.D
Acq: 21 Jun 2019 16:56

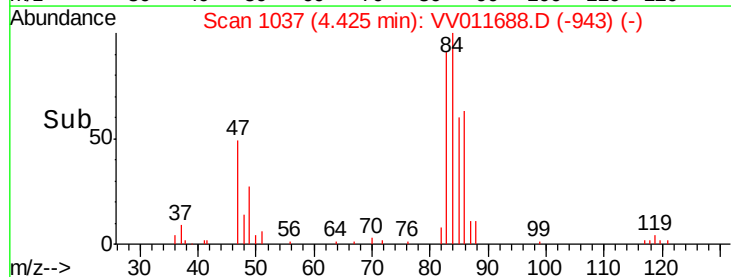
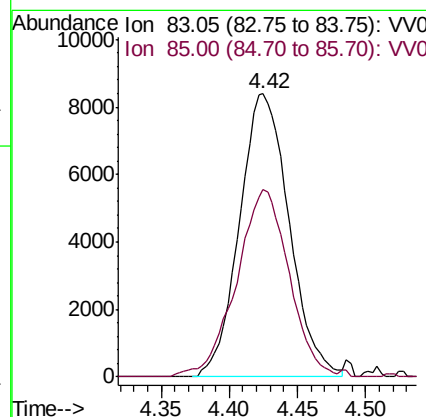
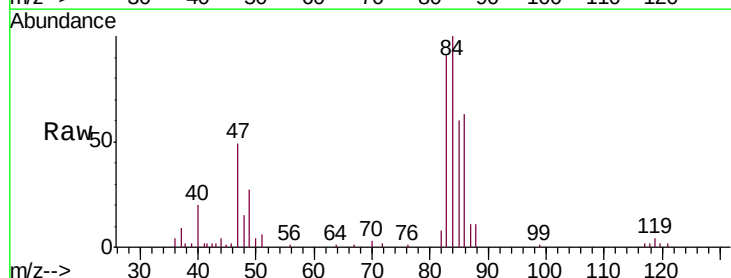
Instrument :
MSVOA_V
ClientSampled :
GALP4

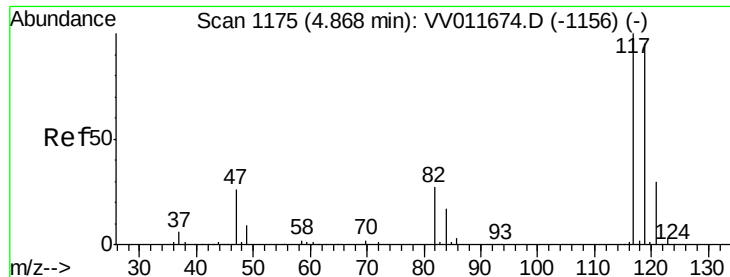
Tgt Ion: 43 Resp: 756
Ion Ratio Lower Upper
43 100
74 9.0 16.2 24.2#



#25
Chloroform
Concen: 0.863 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV011688.D
Acq: 21 Jun 2019 16:56

Tgt Ion: 83 Resp: 21238
Ion Ratio Lower Upper
83 100
85 66.0 47.0 87.2





#31

Carbon tetrachloride

Concen: 3.361 ug/L

RT: 4.87 min Scan# 1176

Delta R.T. 0.00 min

Lab File: VV011688.D

Acq: 21 Jun 2019 16:56

Instrument :

MSVOA_V

ClientSampleId :

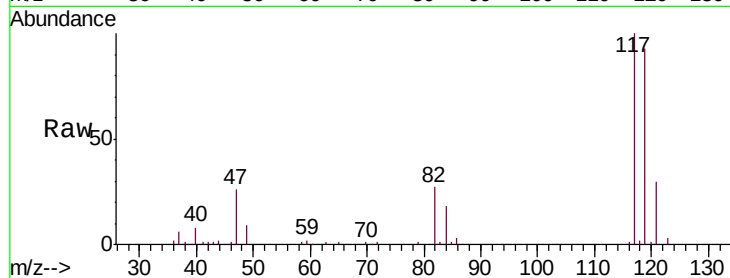
GALP4

Tgt Ion:117 Resp: 53294

Ion Ratio Lower Upper

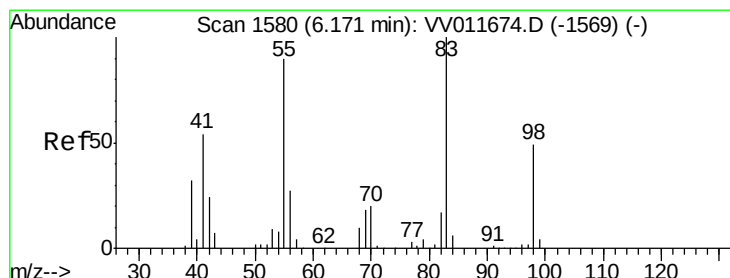
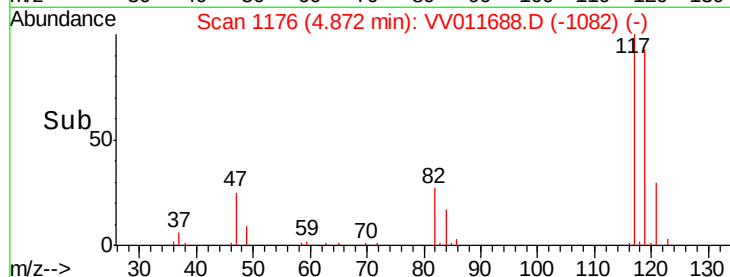
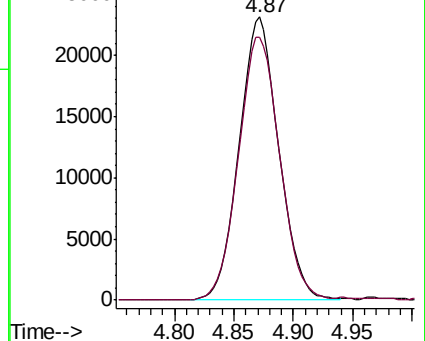
117 100

119 96.8 77.1 115.7



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#35

Methylcyclohexane

Concen: 0.717 ug/L

RT: 6.12 min Scan# 1564

Delta R.T. -0.05 min

Lab File: VV011688.D

Acq: 21 Jun 2019 16:56

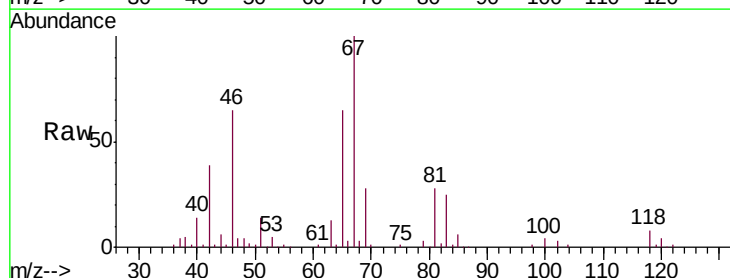
Tgt Ion: 83 Resp: 14832

Ion Ratio Lower Upper

83 100

55 1.2 69.4 104.2#

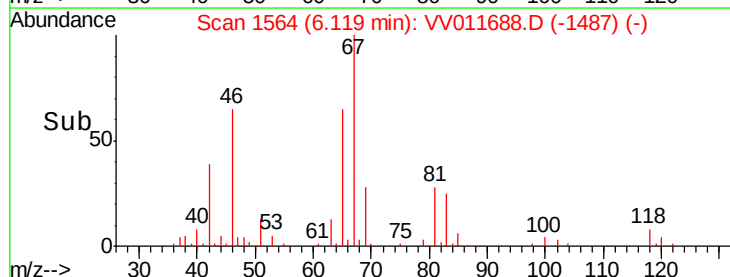
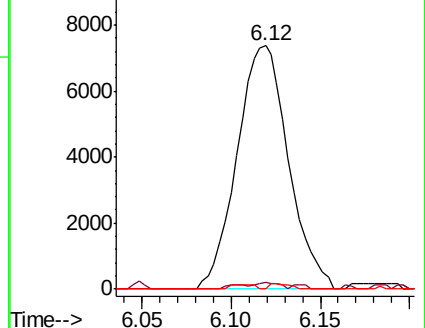
98 0.9 40.2 60.4#

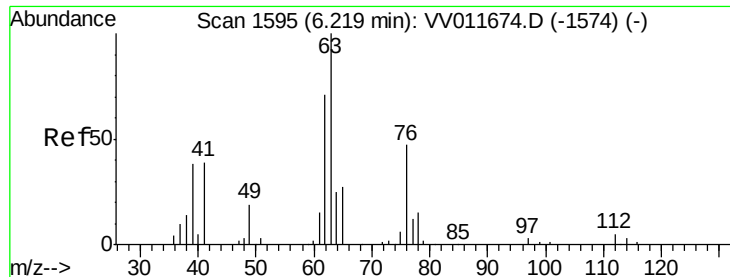


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

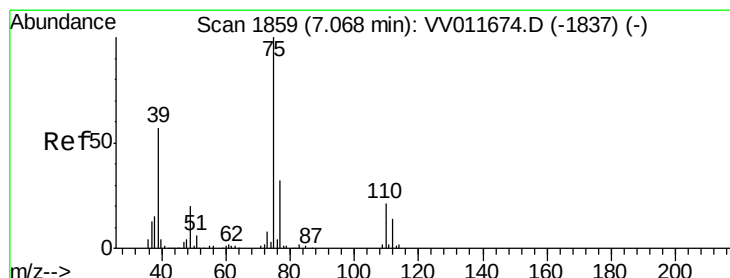
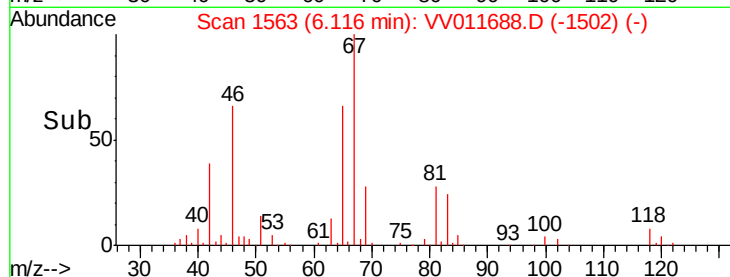
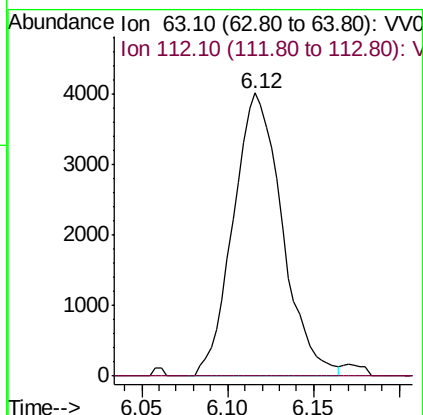
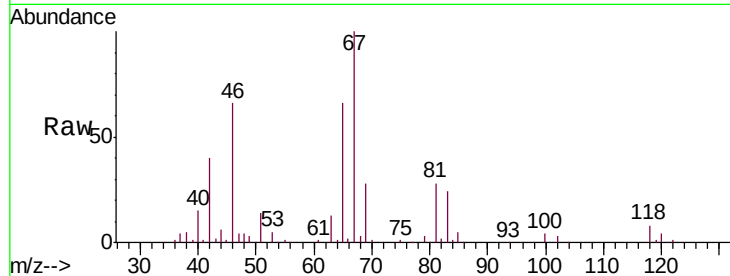




#37
 1,2-Dichloropropane
 Concen: 0.648 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.10 min
 Lab File: VV011688.D
 Acq: 21 Jun 2019 16:56

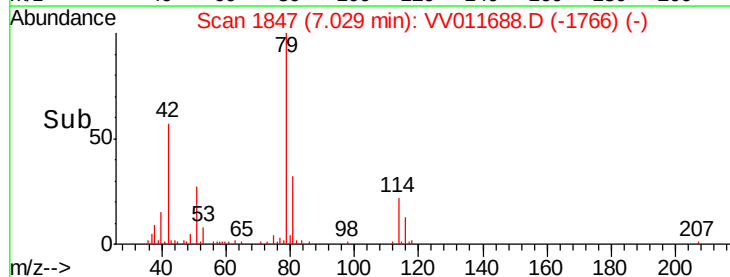
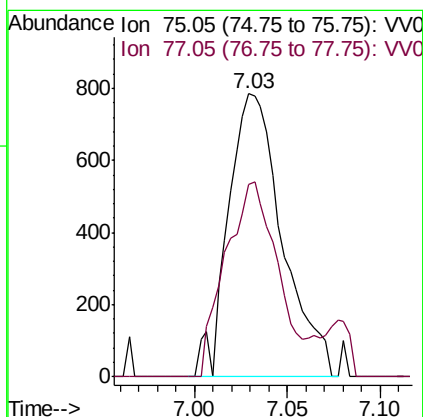
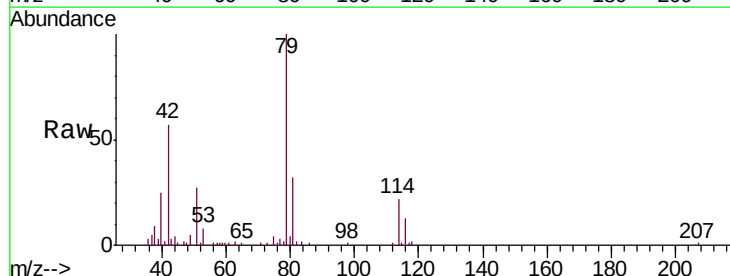
Instrument :
 MSVOA_V
 ClientSampleId :
 GALP4

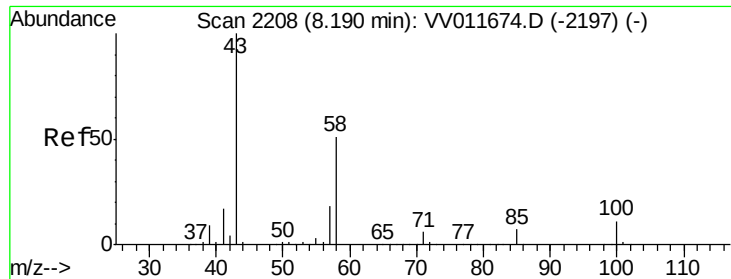
Tgt Ion: 63 Resp: 7945
 Ion Ratio Lower Upper
 63 100
 112 0.5 3.4 5.2#



#39
 cis-1,3-Dichloropropene
 Concen: 0.099 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV011688.D
 Acq: 21 Jun 2019 16:56

Tgt Ion: 75 Resp: 1594
 Ion Ratio Lower Upper
 75 100
 77 67.9 22.4 41.6#





#48

2-Hexanone

Concen: 3.096 ug/L

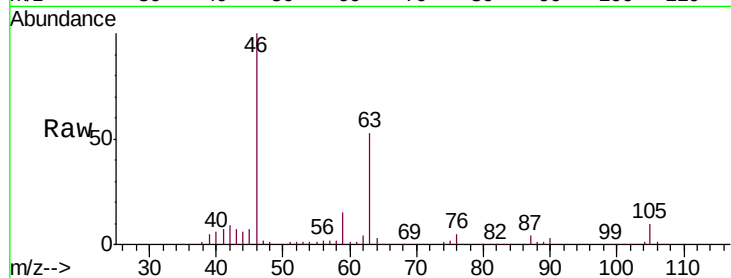
RT: 8.14 min Scan# 2191

Delta R.T. -0.05 min

Lab File: VV011688.D

Acq: 21 Jun 2019 16:56

Instrument :
MSVOA_V
ClientSampleId :
GALP4



Tgt Ion:	43	Resp:	16743
Ion	Ratio	Lower	Upper
43	100		
58	26.7	40.1	60.1#
57	29.9	14.4	21.6#
100	0.6	8.6	12.8#

