

Data File : VU032909.D
Acq On : 20 Jun 2019 18:50
Operator : JC/SP
Sample : K3413-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GALF3

Quant Time: Jun 21 07:40:25 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 21 07:36:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	83216	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	84489	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	43281	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	22319	4.12	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.40%
7) Chloroethane-d5	1.68	69	21043	4.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.00%
11) 1,1-Dichloroethene-d2	2.27	63	38008	3.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.20%
20) 2-Butanone-d5	4.19	46	98927	65.52	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	131.04%#
24) Chloroform-d	4.64	84	53916	5.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.20%
26) 1,2-Dichloroethane-d4	5.30	65	32266	6.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	127.40%
32) Benzene-d6	5.33	84	100396	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.60%
36) 1,2-Dichloropropane-d6	6.32	67	33849	5.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.60%
41) Toluene-d8	7.56	98	89064	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.80%
43) trans-1,3-Dichloropropene-	7.85	79	13134	4.75	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.00%
46) 2-Hexanone-d5	8.31	63	73395	52.94	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.88%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	31791	5.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	116.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	40347	5.18	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.60%

Target Compounds

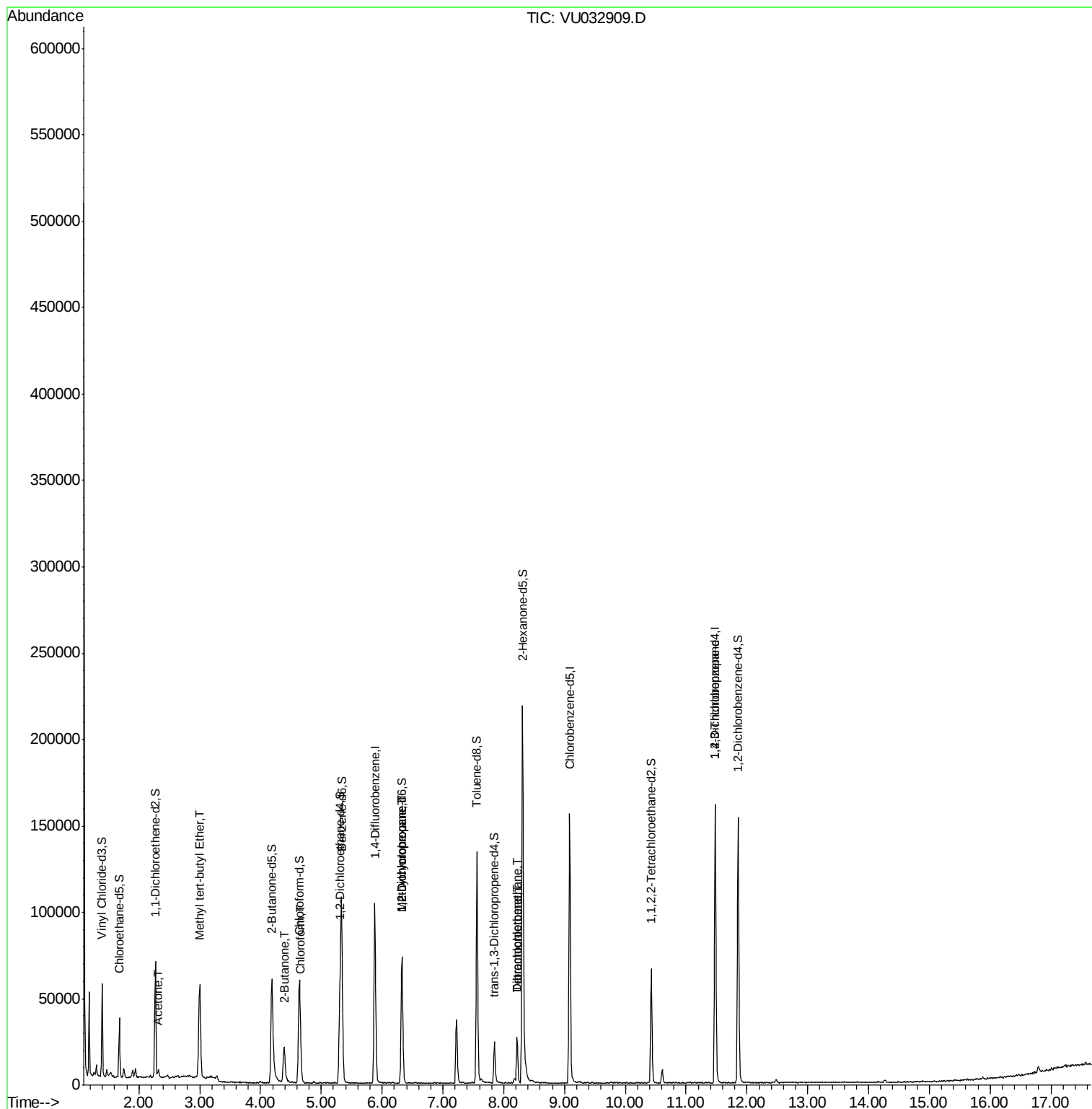
						Qvalue
13) Acetone	2.32	43	4511	3.849	ug/L	97
17) Methyl tert-butyl Ether	3.00	73	51815	3.351	ug/L	96
21) 2-Butanone	4.39	43	32377	18.995	ug/L #	49
25) Chloroform	4.67	83	4847	0.465	ug/L	93
35) Methylcyclohexane	6.32	83	7883	0.684	ug/L #	19
37) 1,2-Dichloropropane	6.32	63	4114	0.638	ug/L #	89
47) Tetrachloroethene	8.22	164	5812	1.031	ug/L	95
49) Dibromochloromethane	8.22	129	5588	0.932	ug/L #	11
59) 1,2,3-Trichloropropane	11.48	75	5516	1.303	ug/L #	88

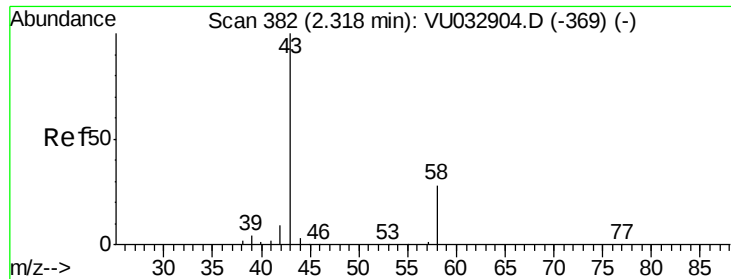
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.849 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU032909.D

Acq: 20 Jun 2019 18:50

Instrument :

MSVOA_U

ClientSampleId :

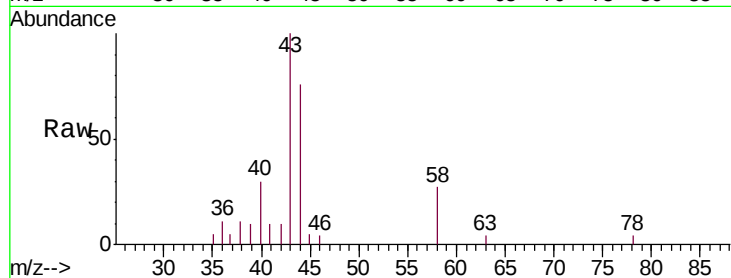
GALF3

Tgt Ion: 43 Resp: 4511

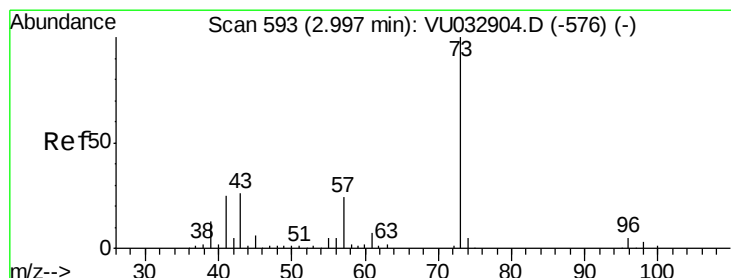
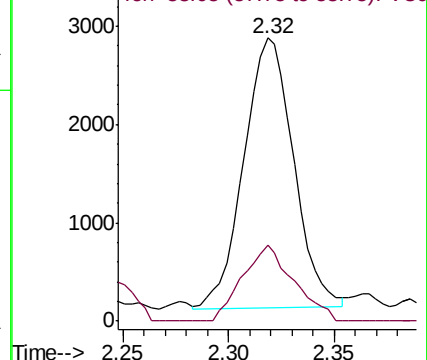
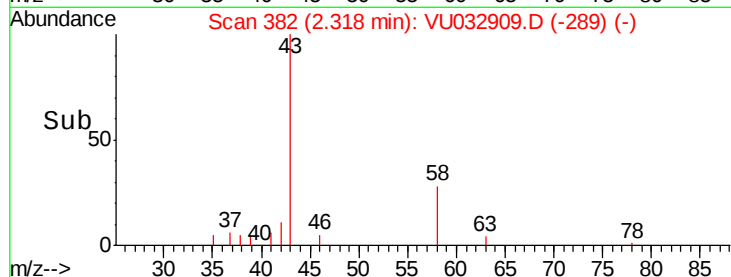
Ion Ratio Lower Upper

43 100

58 28.9 0.0 60.8



Abundance Ion 43.05 (42.75 to 43.75): VU032909.D (-289) (-)



#17

Methyl tert-butyl Ether

Concen: 3.351 ug/L

RT: 3.00 min Scan# 593

Delta R.T. 0.00 min

Lab File: VU032909.D

Acq: 20 Jun 2019 18:50

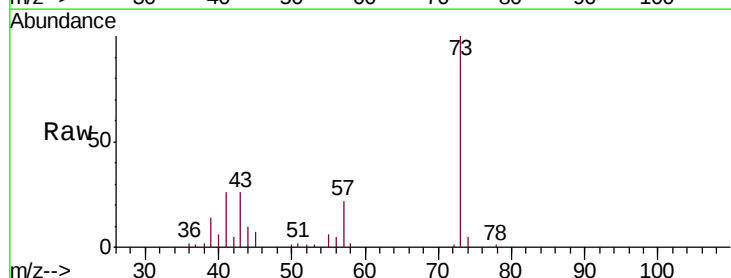
Tgt Ion: 73 Resp: 51815

Ion Ratio Lower Upper

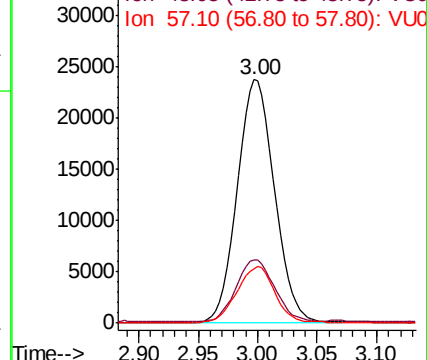
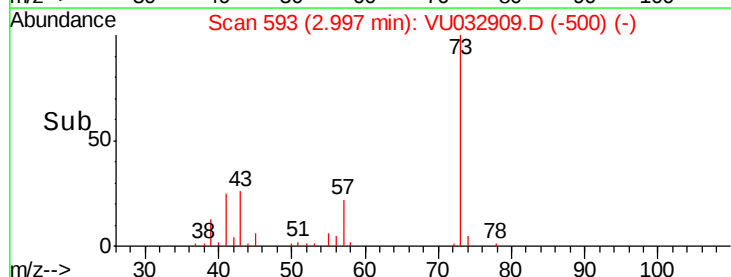
73 100

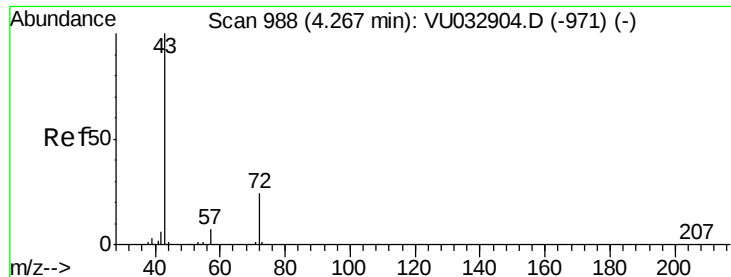
43 26.0 18.6 27.8

57 23.8 18.3 27.5



Abundance Ion 73.10 (72.80 to 73.80): VU032909.D (-500) (-)





#21

2-Butanone

Concen: 18.995 ug/L

RT: 4.39 min Scan# 1026

Delta R.T. 0.12 min

Lab File: VU032909.D

Acq: 20 Jun 2019 18:50

Instrument :

MSVOA_U

ClientSampleId :

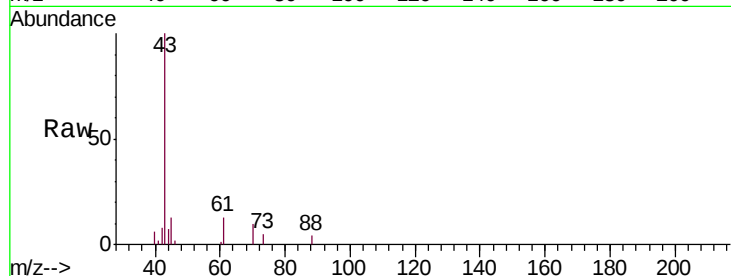
GALF3

Tgt Ion: 43 Resp: 32377

Ion Ratio Lower Upper

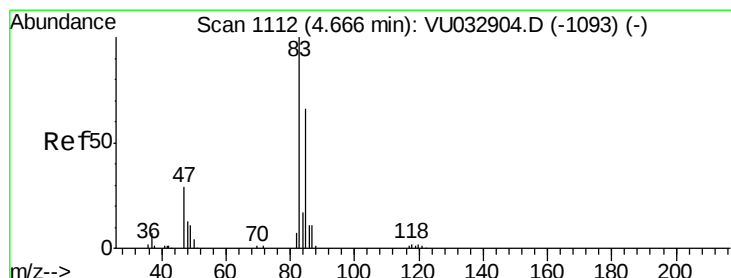
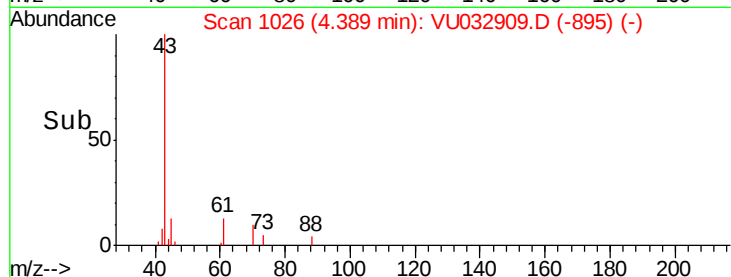
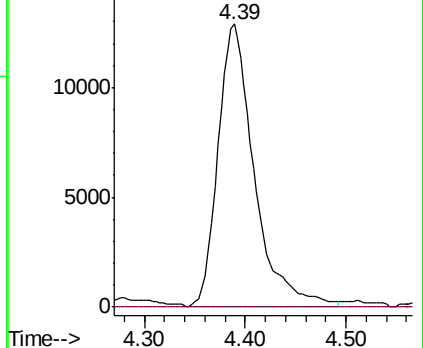
43 100

72 0.0 13.1 39.3#



Abundance Ion 43.05 (42.75 to 43.75): VU032909.D (-1026) (-)

Ion 72.10 (71.80 to 72.80): VU032909.D (-1026) (-)



#25

Chloroform

Concen: 0.465 ug/L

RT: 4.67 min Scan# 1112

Delta R.T. 0.00 min

Lab File: VU032909.D

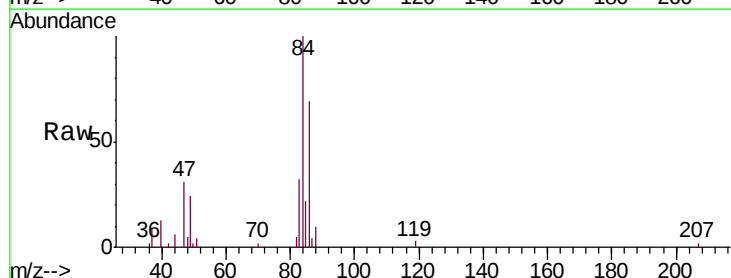
Acq: 20 Jun 2019 18:50

Tgt Ion: 83 Resp: 4847

Ion Ratio Lower Upper

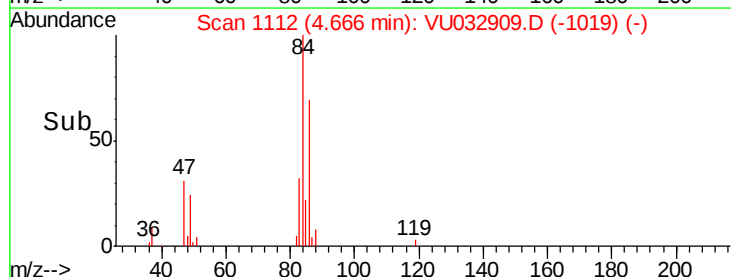
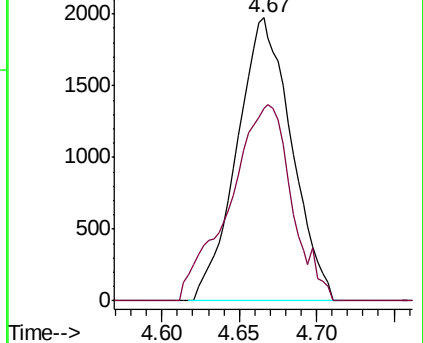
83 100

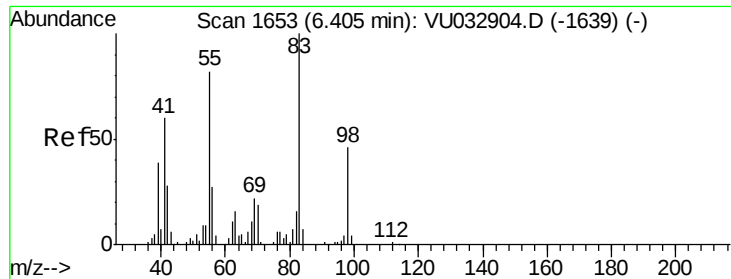
85 68.2 43.8 81.3



Abundance Ion 83.05 (82.75 to 83.75): VU032909.D (-1112) (-)

Ion 85.00 (84.70 to 85.70): VU032909.D (-1112) (-)





#35

Methylcyclohexane

Concen: 0.684 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.08 min

Lab File: VU032909.D

Acq: 20 Jun 2019 18:50

Instrument :

MSVOA_U

ClientSampleId :

GALF3

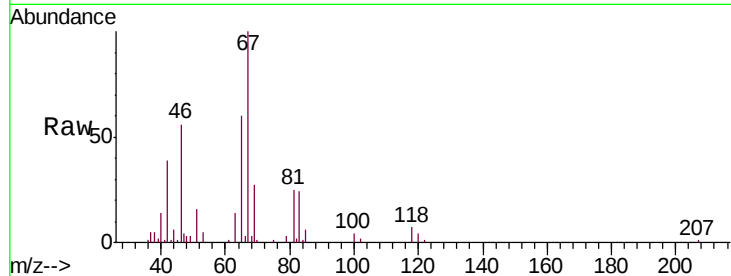
Tgt Ion: 83 Resp: 7883

Ion Ratio Lower Upper

83 100

55 0.0 60.0 90.0#

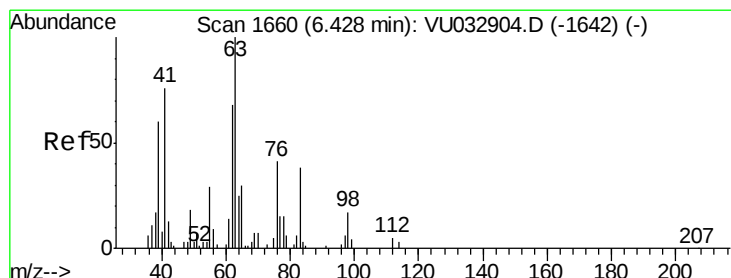
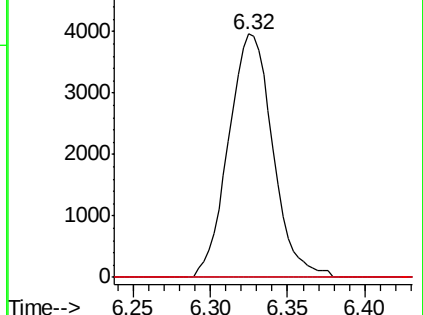
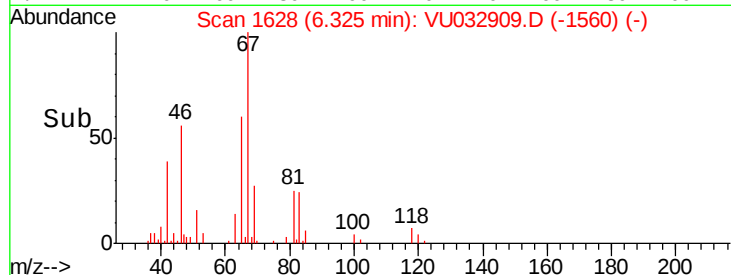
98 0.0 37.8 56.8#



Abundance Ion 83.15 (82.85 to 83.85): VU032909.D (-1560) (-)

Ion 55.10 (54.80 to 55.80): VU032909.D (-1560) (-)

Ion 98.15 (97.85 to 98.85): VU032909.D (-1560) (-)



#37

1,2-Dichloropropane

Concen: 0.638 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.10 min

Lab File: VU032909.D

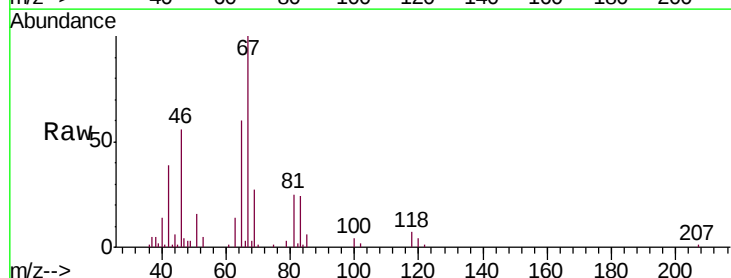
Acq: 20 Jun 2019 18:50

Tgt Ion: 63 Resp: 4114

Ion Ratio Lower Upper

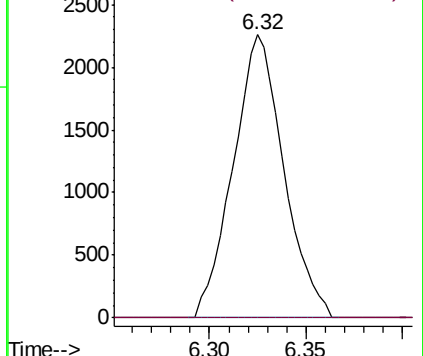
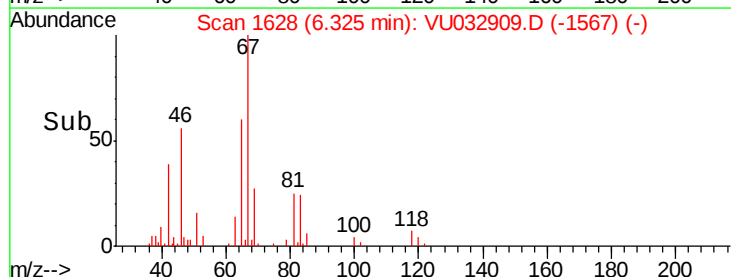
63 100

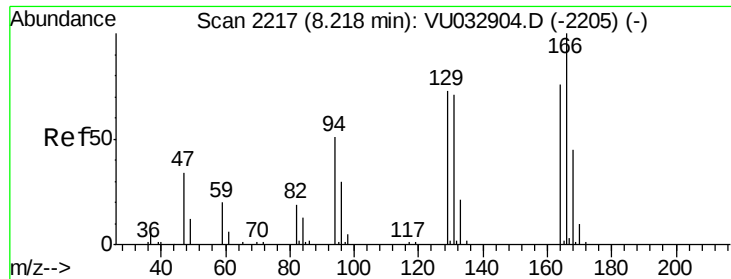
112 0.0 2.9 4.3#



Abundance Ion 63.10 (62.80 to 63.80): VU032909.D (-1567) (-)

Ion 112.10 (111.80 to 112.80): VU032909.D (-1567) (-)

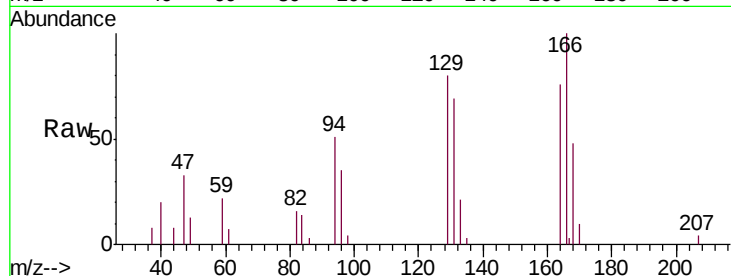




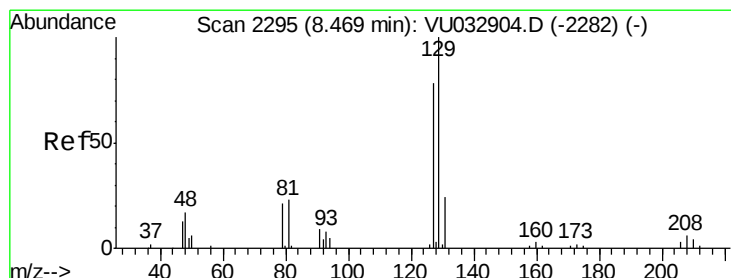
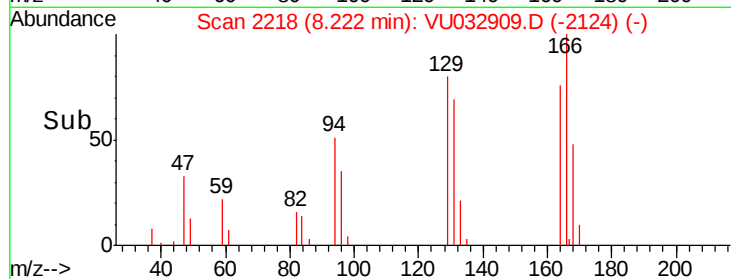
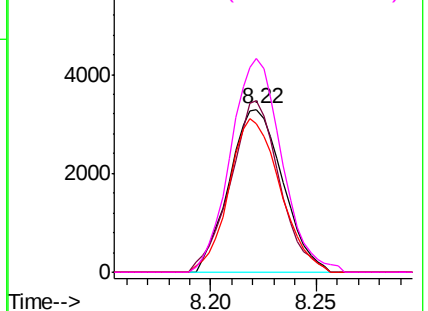
#47
Tetrachloroethene
Concen: 1.031 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. 0.00 min
Lab File: VU032909.D
Acq: 20 Jun 2019 18:50

Instrument :
MSVOA_U
ClientSampleId :
GALF3

Tgt Ion:164 Resp: 5812
Ion Ratio Lower Upper
164 100
129 105.1 66.1 122.7
131 90.8 65.6 121.8
166 130.9 93.2 173.2

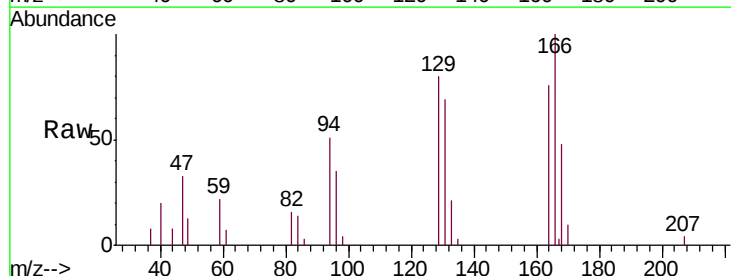


Abundance Ion 163.90 (163.60 to 164.60): V
Ion 128.95 (128.65 to 129.65): V
Ion 130.95 (130.65 to 131.65): V
Ion 165.90 (165.60 to 166.60): V

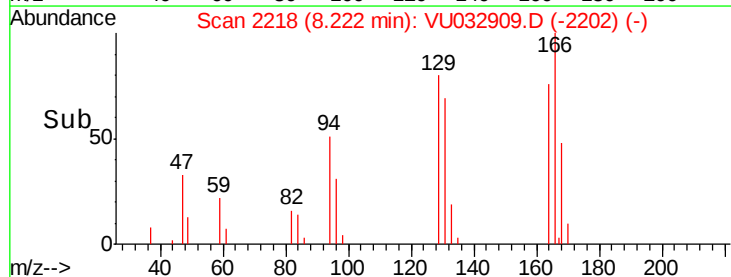
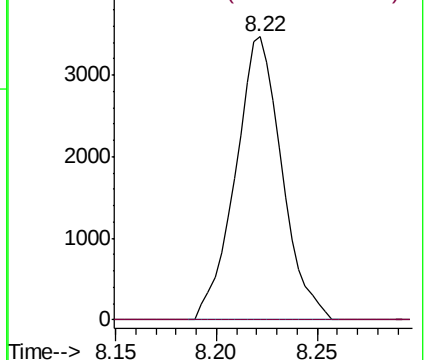


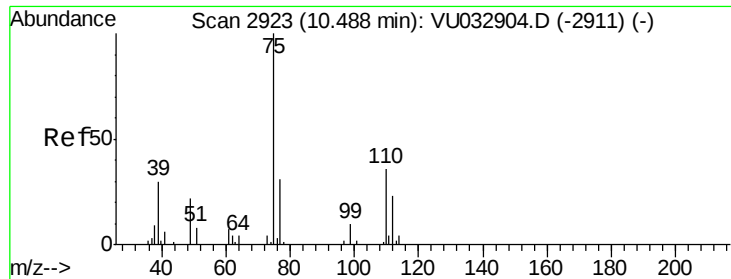
#49
Dibromochloromethane
Concen: 0.932 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. -0.25 min
Lab File: VU032909.D
Acq: 20 Jun 2019 18:50

Tgt Ion:129 Resp: 5588
Ion Ratio Lower Upper
129 100
127 0.0 53.3 98.9#



Abundance Ion 128.95 (128.65 to 129.65): V
Ion 126.90 (126.60 to 127.60): V





#59

1,2,3-Trichloropropane

Concen: 1.303 ug/L

RT: 11.48 min Scan# 3230

Delta R.T. 0.99 min

Lab File: VU032909.D

Acq: 20 Jun 2019 18:50

Instrument :

MSVOA_U

ClientSampleId :

GALF3

Tgt Ion: 75 Resp: 5516

Ion Ratio Lower Upper

75 100

77 38.5 25.3 37.9#

