

Data File : VU032908.D
Acq On : 20 Jun 2019 18:26
Operator : JC/SP
Sample : K3413-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GALF2

Quant Time: Jun 21 07:40:17 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	89376	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	90096	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	46165	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	22764	3.92	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.40%
7) Chloroethane-d5	1.68	69	20693	4.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.40%
11) 1,1-Dichloroethene-d2	2.27	63	38569	3.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.40%
20) 2-Butanone-d5	4.19	46	99251	61.20	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	122.40%
24) Chloroform-d	4.64	84	55276	5.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.20%
26) 1,2-Dichloroethane-d4	5.31	65	33093	6.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	121.80%
32) Benzene-d6	5.33	84	101936	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.00%
36) 1,2-Dichloropropane-d6	6.32	67	34996	5.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.40%
41) Toluene-d8	7.56	98	90704	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.60%
43) trans-1,3-Dichloropropene-	7.85	79	13715	4.65	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.00%
46) 2-Hexanone-d5	8.31	63	72644	49.14	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.28%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	31855	5.47	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.40%
64) 1,2-Dichlorobenzene-d4	11.85	152	40699	4.90	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.00%

Target Compounds

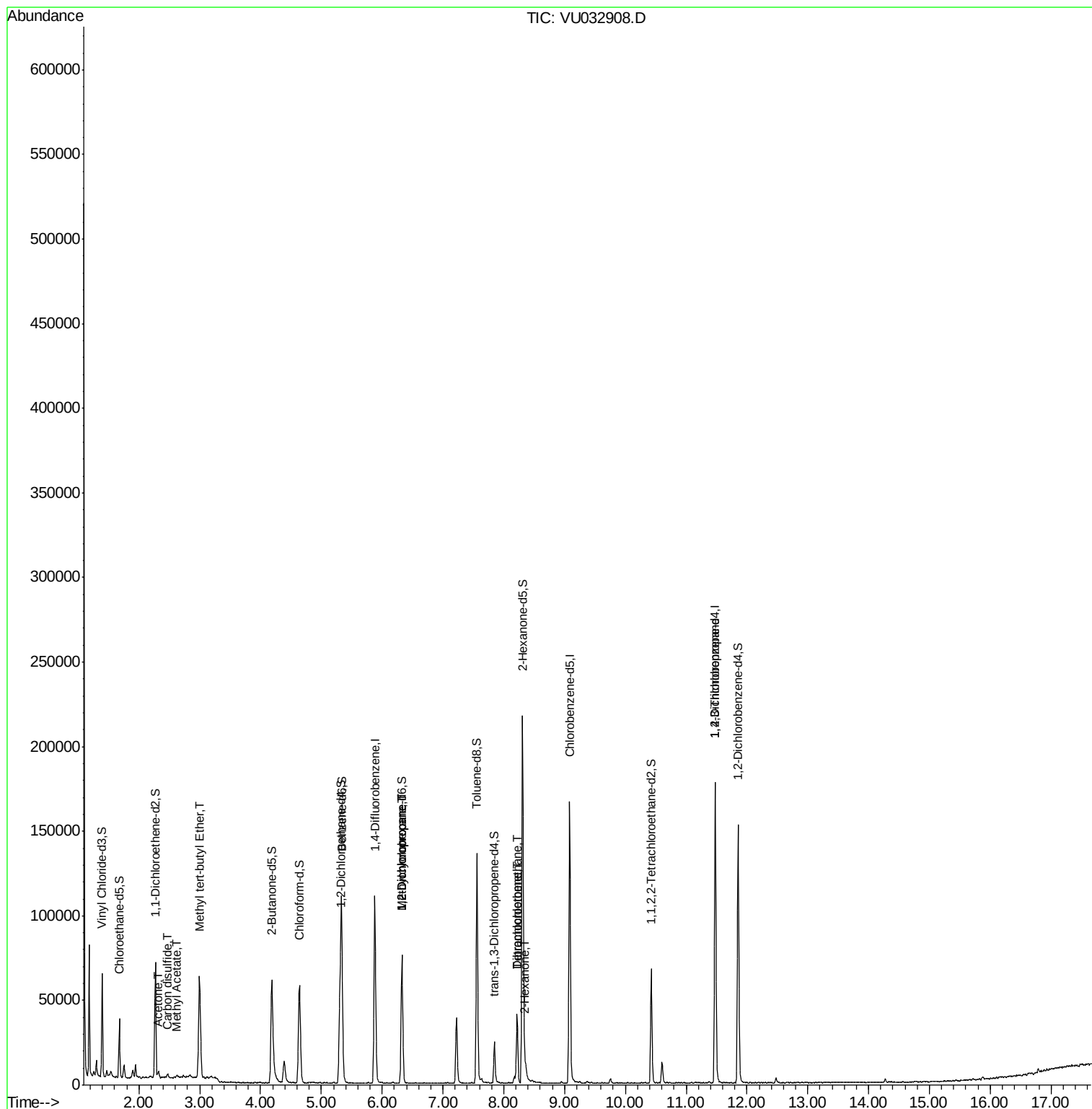
					Qvalue
13) Acetone	2.32	43	3180	2.526 ug/L	97
14) Carbon disulfide	2.47	76	2531	0.139 ug/L #	90
15) Methyl Acetate	2.61	43	569	0.165 ug/L #	53
17) Methyl tert-butyl Ether	3.00	73	57420	3.457 ug/L	96
35) Methylcyclohexane	6.32	83	7970	0.649 ug/L #	19
37) 1,2-Dichloropropane	6.32	63	4146	0.603 ug/L #	89
47) Tetrachloroethene	8.22	164	9112	1.515 ug/L	91
48) 2-Hexanone	8.36	43	3473	0.994 ug/L #	82
49) Dibromochloromethane	8.22	129	8472	1.325 ug/L #	11
59) 1,2,3-Trichloropropane	11.48	75	5826	1.291 ug/L #	88

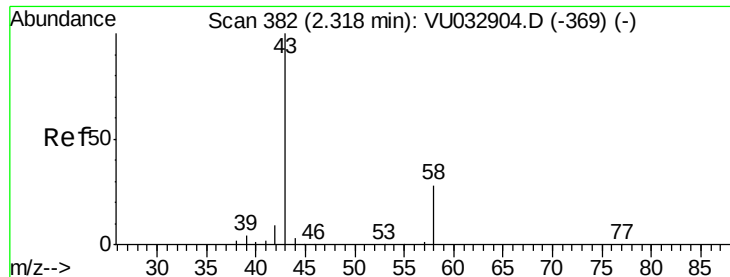
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.526 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VU032908.D

Acq: 20 Jun 2019 18:26

Instrument :

MSVOA_U

ClientSampleId :

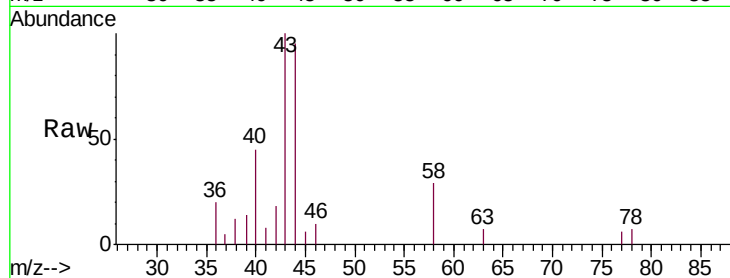
GALF2

Tgt Ion: 43 Resp: 3180

Ion Ratio Lower Upper

43 100

58 29.0 0.0 60.8



Abundance Ion 43.05 (42.75 to 43.75): VU032908.D (-289) (-)

Ion 58.05 (57.75 to 58.75): VU032908.D (-289) (-)

2500

2000

1500

1000

500

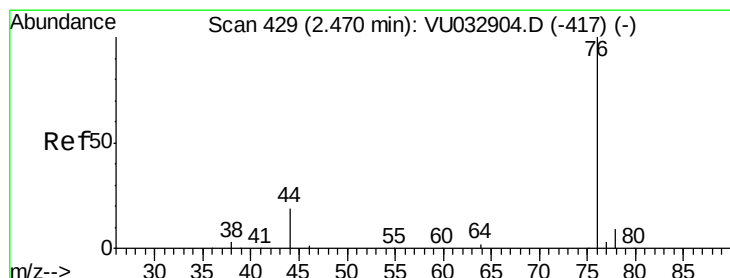
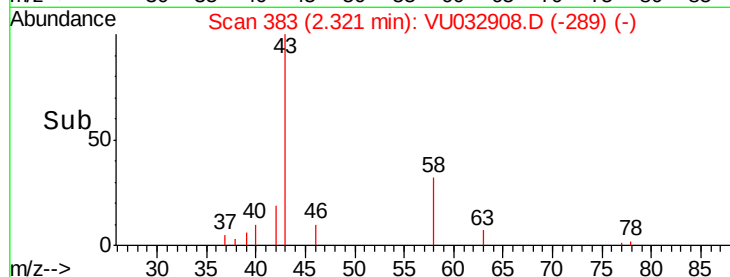
0

2.30

2.32

2.35

Time-->



#14

Carbon disulfide

Concen: 0.139 ug/L

RT: 2.47 min Scan# 430

Delta R.T. 0.00 min

Lab File: VU032908.D

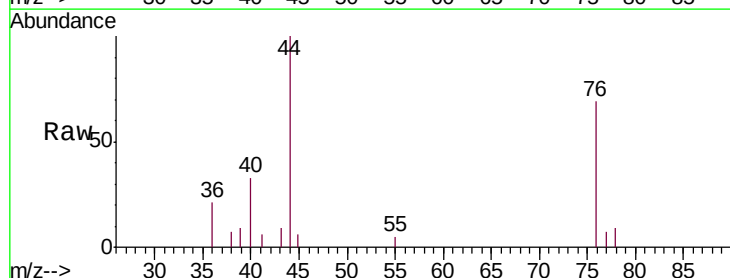
Acq: 20 Jun 2019 18:26

Tgt Ion: 76 Resp: 2531

Ion Ratio Lower Upper

76 100

78 12.7 7.3 10.9#



Abundance Ion 76.05 (75.75 to 76.75): VU032908.D (-336) (-)

Ion 78.00 (77.70 to 78.70): VU032908.D (-336) (-)

1500

1000

500

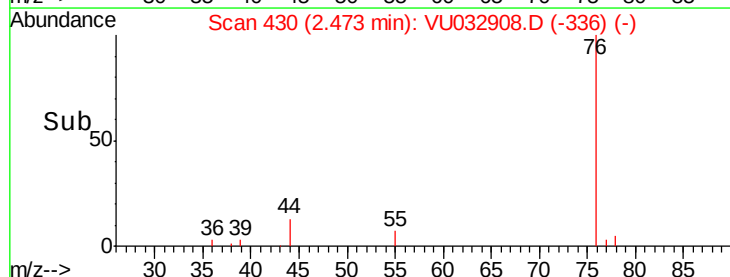
0

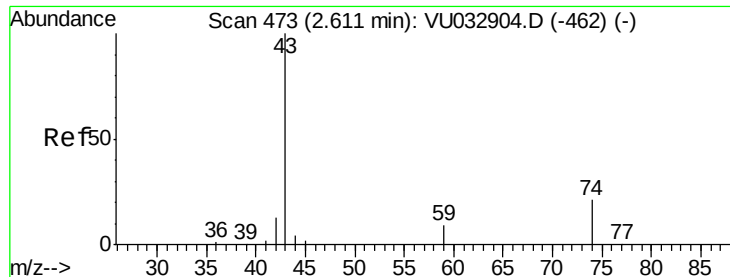
2.45

2.47

2.50

Time-->

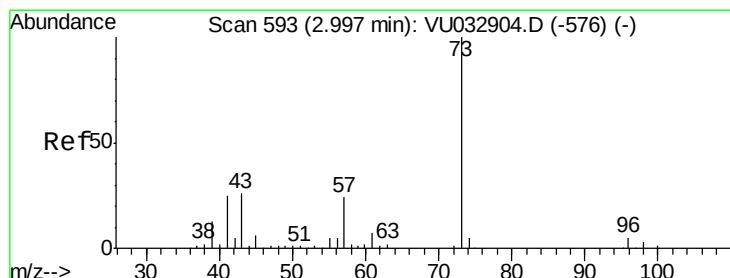
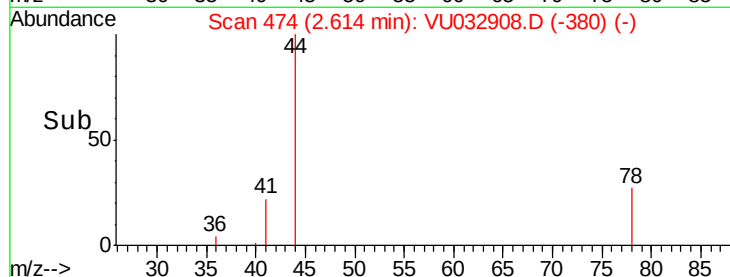
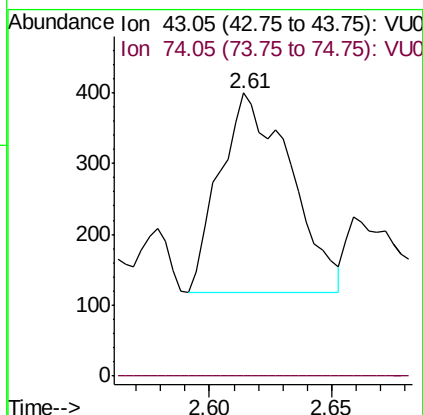
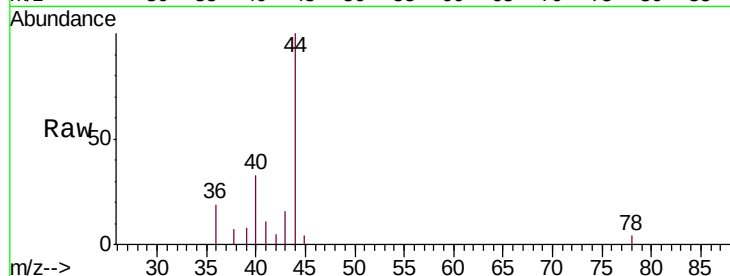




#15
Methyl Acetate
Concen: 0.165 ug/L
RT: 2.61 min Scan# 474
Delta R.T. 0.00 min
Lab File: VU032908.D
Acq: 20 Jun 2019 18:26

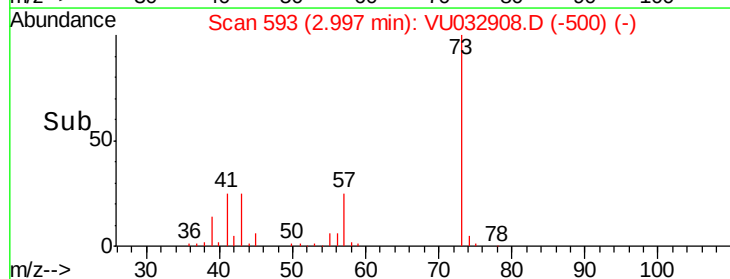
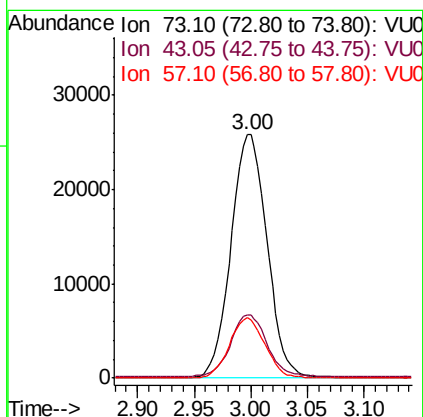
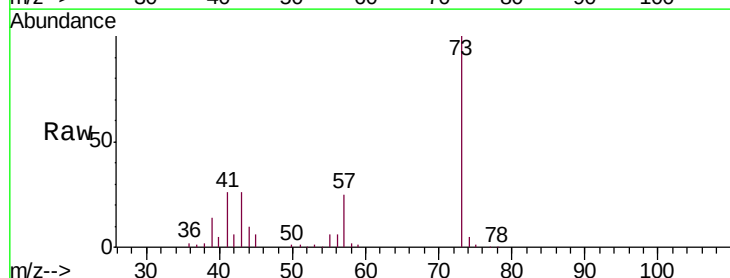
Instrument :
MSVOA_U
ClientSampleId :
GALF2

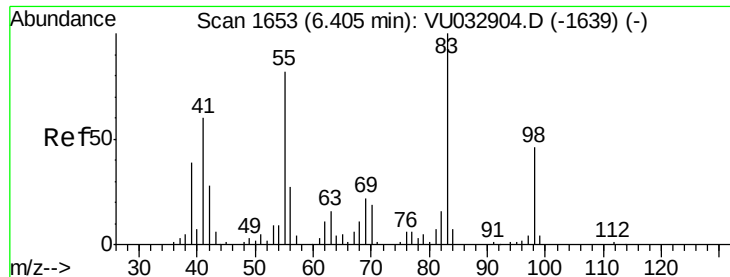
Tgt Ion: 43 Resp: 569
Ion Ratio Lower Upper
43 100
74 0.0 17.8 26.8#



#17
Methyl tert-butyl Ether
Concen: 3.457 ug/L
RT: 3.00 min Scan# 593
Delta R.T. -0.00 min
Lab File: VU032908.D
Acq: 20 Jun 2019 18:26

Tgt Ion: 73 Resp: 57420
Ion Ratio Lower Upper
73 100
43 25.4 18.6 27.8
57 24.3 18.3 27.5





#35

Methylcyclohexane

Concen: 0.649 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.08 min

Lab File: VU032908.D

Acq: 20 Jun 2019 18:26

Instrument :

MSVOA_U

ClientSampled :

GALF2

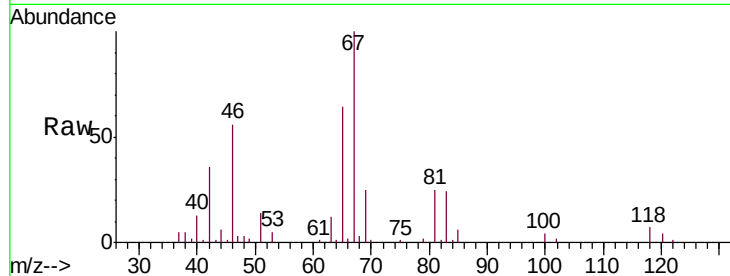
Tgt Ion: 83 Resp: 7970

Ion Ratio Lower Upper

83 100

55 0.0 60.0 90.0#

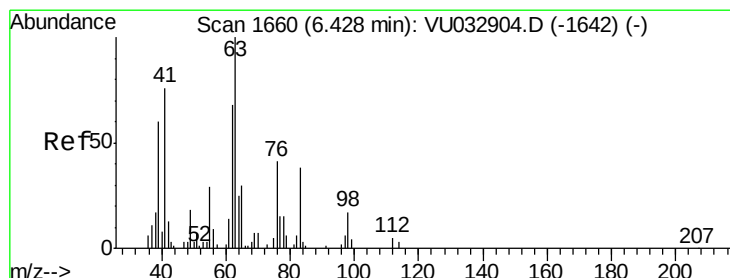
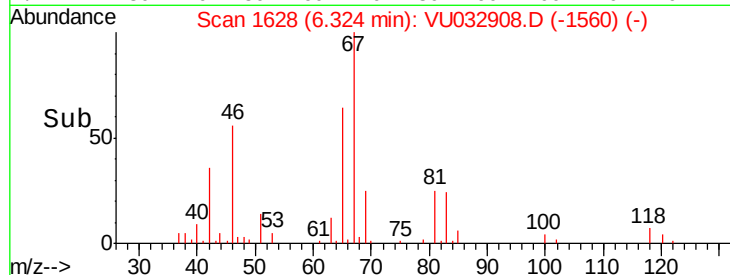
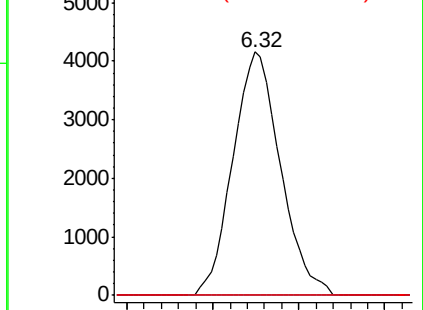
98 1.1 37.8 56.8#



Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0



#37

1,2-Dichloropropane

Concen: 0.603 ug/L

RT: 6.32 min Scan# 1627

Delta R.T. -0.11 min

Lab File: VU032908.D

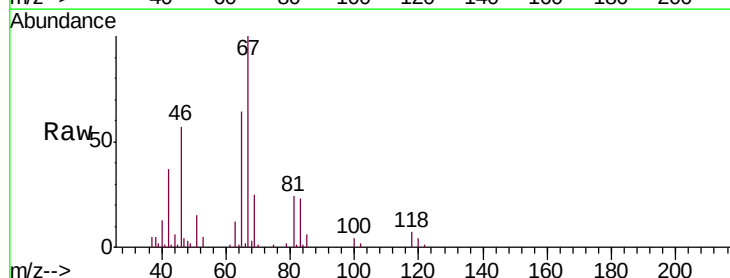
Acq: 20 Jun 2019 18:26

Tgt Ion: 63 Resp: 4146

Ion Ratio Lower Upper

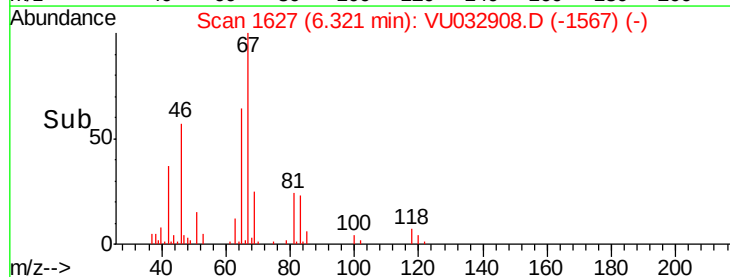
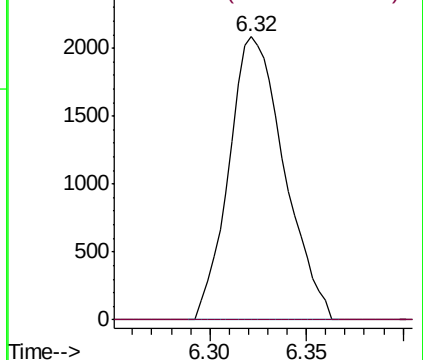
63 100

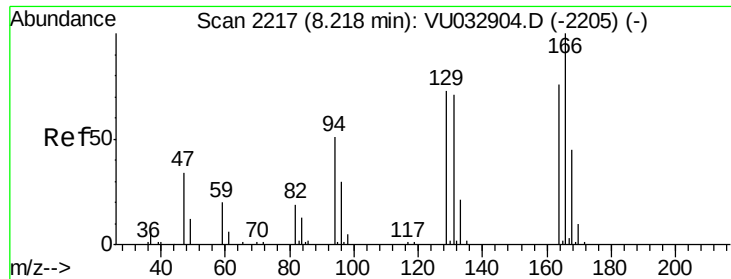
112 0.0 2.9 4.3#



Abundance Ion 63.10 (62.80 to 63.80): VU0

Ion 112.10 (111.80 to 112.80): V





#47

Tetrachloroethene

Concen: 1.515 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. 0.00 min

Lab File: VU032908.D

Acq: 20 Jun 2019 18:26

Instrument :

MSVOA_U

ClientSampleId :

GALF2

Tgt Ion:164 Resp: 9112

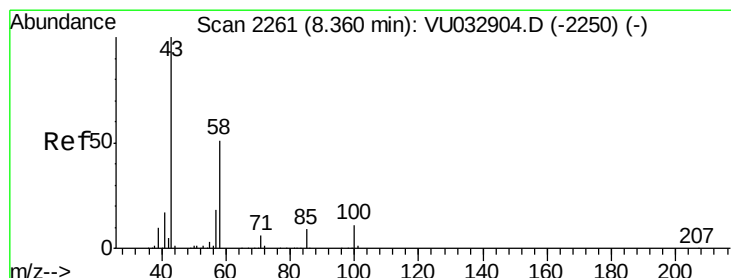
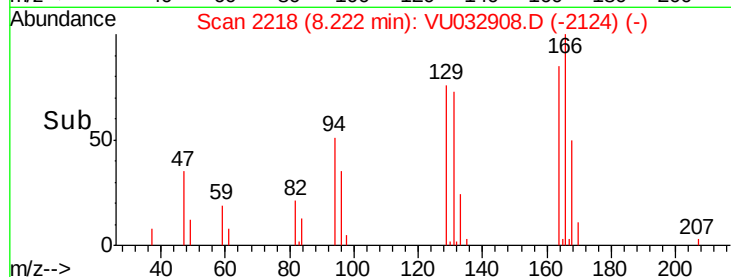
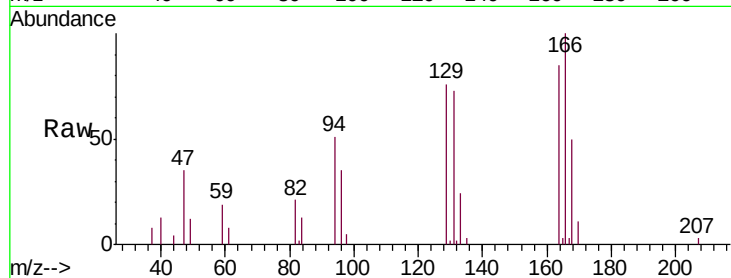
Ion Ratio Lower Upper

164 100

129 89.6 66.1 122.7

131 86.6 65.6 121.8

166 117.9 93.2 173.2



#48

2-Hexanone

Concen: 0.994 ug/L

RT: 8.36 min Scan# 2261

Delta R.T. -0.00 min

Lab File: VU032908.D

Acq: 20 Jun 2019 18:26

Tgt Ion: 43 Resp: 3473

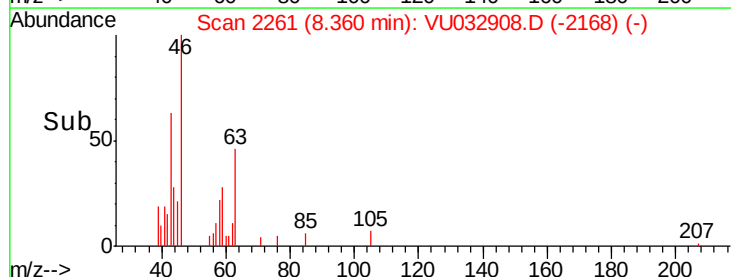
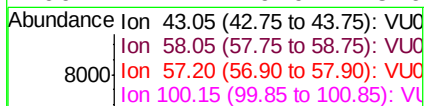
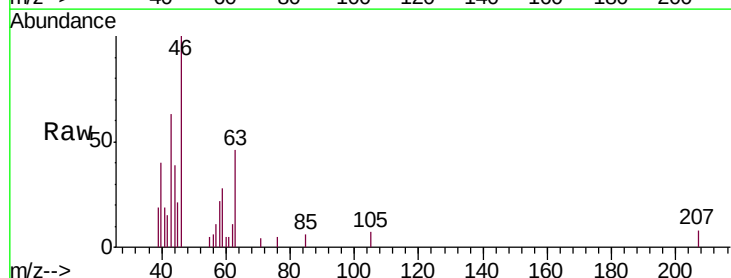
Ion Ratio Lower Upper

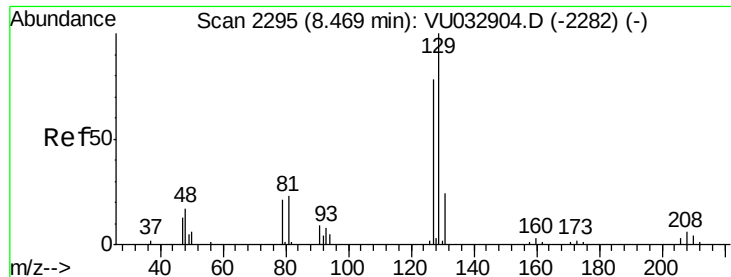
43 100

58 37.7 41.9 62.9#

57 14.8 15.1 22.7#

100 4.7 9.0 13.6#

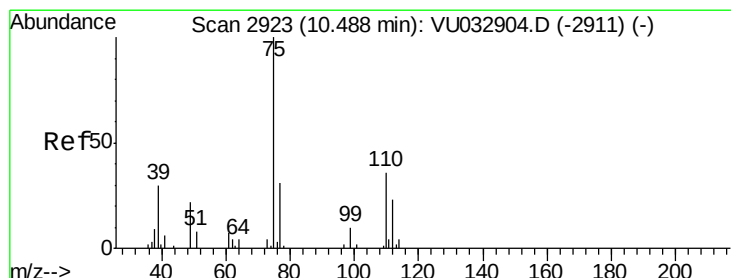
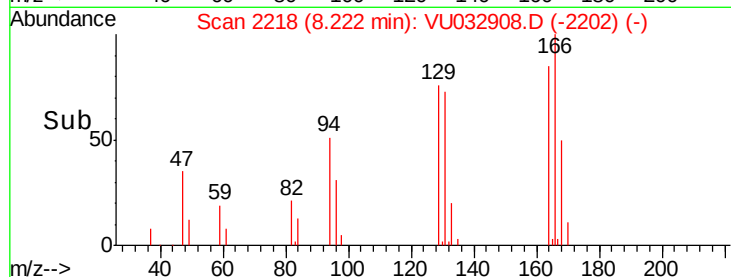
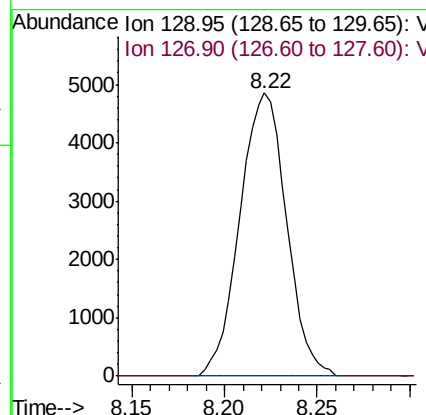
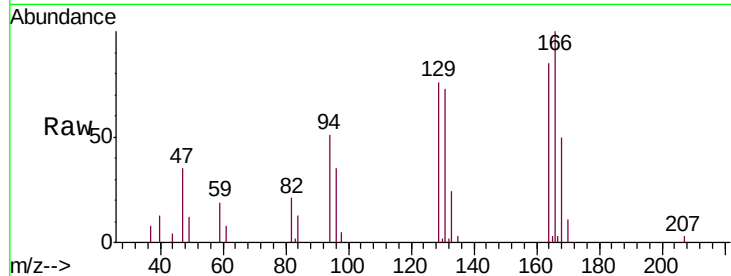




#49
 Dibromochloromethane
 Concen: 1.325 ug/L
 RT: 8.22 min Scan# 2218
 Delta R.T. -0.25 min
 Lab File: VU032908.D
 Acq: 20 Jun 2019 18:26

Instrument :
 MSVOA_U
 ClientSampleId :
 GALF2

Tgt Ion: 129 Resp: 8472
 Ion Ratio Lower Upper
 129 100
 127 0.0 53.3 98.9#



#59
 1,2,3-Trichloropropane
 Concen: 1.291 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU032908.D
 Acq: 20 Jun 2019 18:26

Tgt Ion: 75 Resp: 5826
 Ion Ratio Lower Upper
 75 100
 77 38.3 25.3 37.9#

