

Data File : VU032910.D
Acq On : 20 Jun 2019 19:14
Operator : JC/SP
Sample : K3413-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GALF4

Quant Time: Jun 21 07:40:33 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	84539	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	84612	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	43333	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	22475	4.09	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.80%
7) Chloroethane-d5	1.68	69	20675	4.40	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.00%
11) 1,1-Dichloroethene-d2	2.27	63	37369	3.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.00%
20) 2-Butanone-d5	4.19	46	98529	64.23	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	128.46%
24) Chloroform-d	4.64	84	53974	5.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.60%
26) 1,2-Dichloroethane-d4	5.30	65	32347	6.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	125.80%
32) Benzene-d6	5.33	84	99292	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
36) 1,2-Dichloropropane-d6	6.32	67	33578	5.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.60%
41) Toluene-d8	7.56	98	87938	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.40%
43) trans-1,3-Dichloropropene-	7.85	79	13555	4.89	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.80%
46) 2-Hexanone-d5	8.31	63	71691	51.64	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.28%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	30869	5.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	113.00%
64) 1,2-Dichlorobenzene-d4	11.85	152	39271	5.04	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.80%

Target Compounds

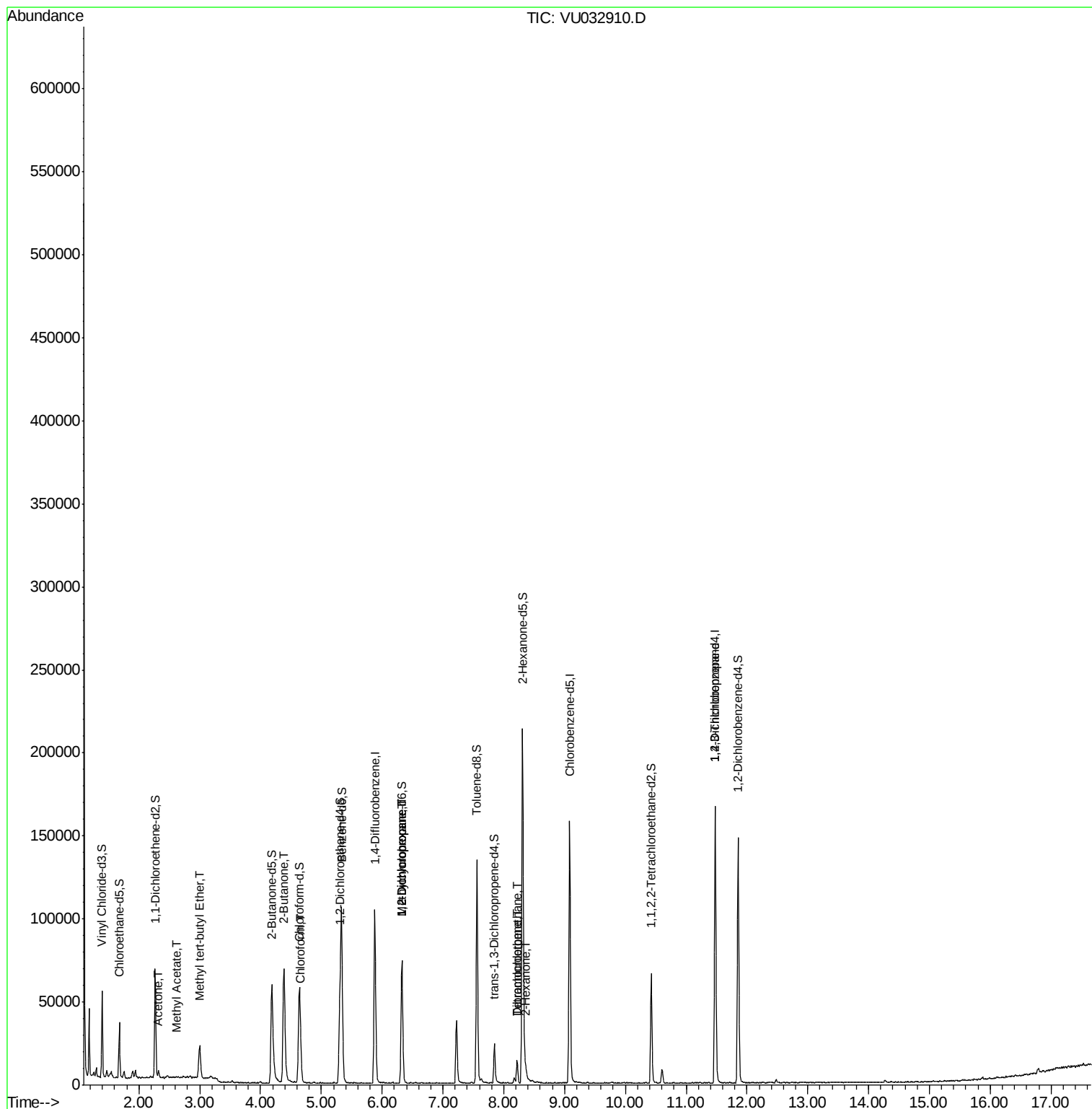
					Qvalue
13) Acetone	2.32	43	3326	2.794 ug/L	97
15) Methyl Acetate	2.62	43	463	0.142 ug/L #	53
17) Methyl tert-butyl Ether	3.00	73	18265	1.163 ug/L	94
21) 2-Butanone	4.39	43	103403	59.715 ug/L #	49
25) Chloroform	4.67	83	6461	0.610 ug/L	85
35) Methylcyclohexane	6.32	83	7757	0.672 ug/L #	19
37) 1,2-Dichloropropane	6.32	63	4082	0.632 ug/L #	89
47) Tetrachloroethene	8.22	164	3088	0.547 ug/L	93
48) 2-Hexanone	8.36	43	3421	1.042 ug/L #	79
49) Dibromochloromethane	8.22	129	2716	0.452 ug/L #	11
59) 1,2,3-Trichloropropane	11.48	75	5126	1.209 ug/L #	85

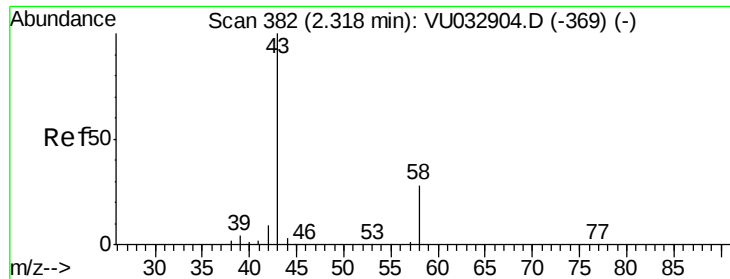
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.794 ug/L

RT: 2.32 min Scan# 382

Delta R.T. -0.00 min

Lab File: VU032910.D

Acq: 20 Jun 2019 19:14

Instrument :

MSVOA_U

ClientSampled :

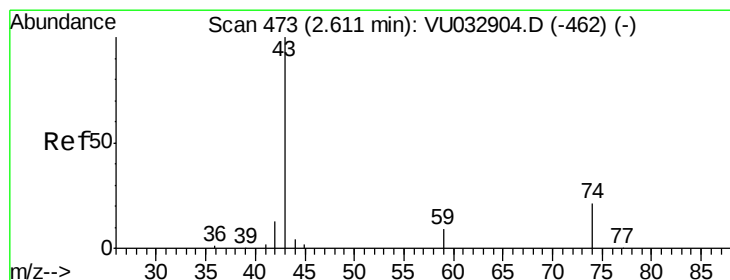
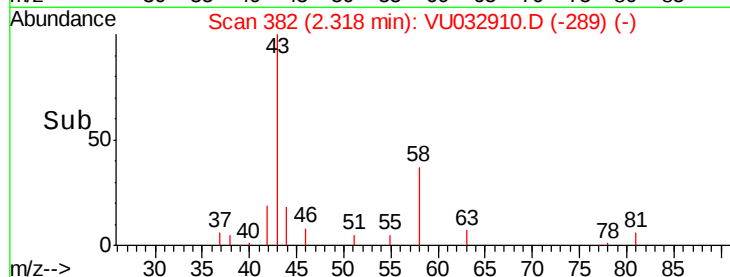
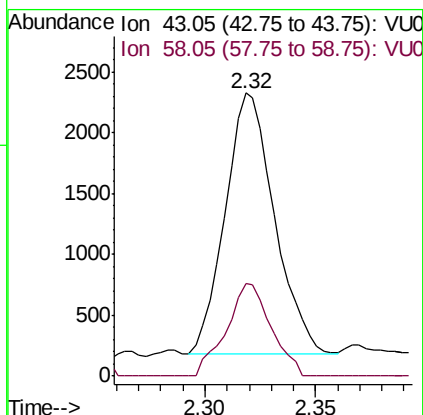
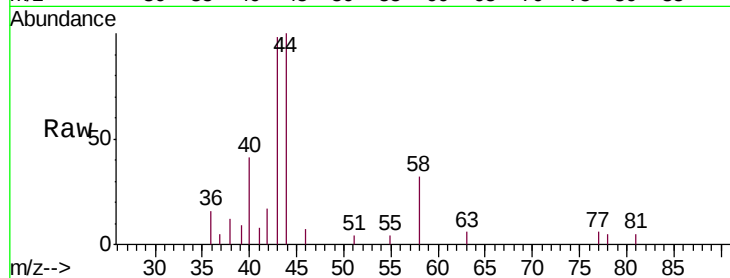
GALF4

Tgt Ion: 43 Resp: 3326

Ion Ratio Lower Upper

43 100

58 32.1 0.0 60.8



#15

Methyl Acetate

Concen: 0.142 ug/L

RT: 2.62 min Scan# 476

Delta R.T. 0.01 min

Lab File: VU032910.D

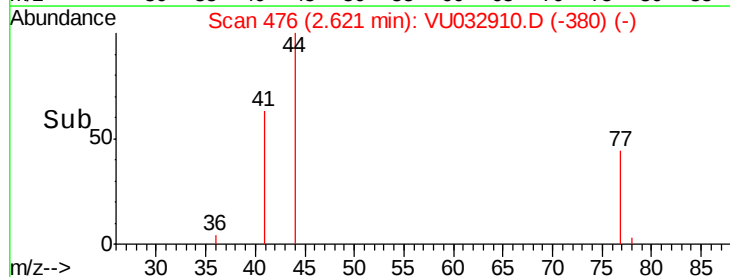
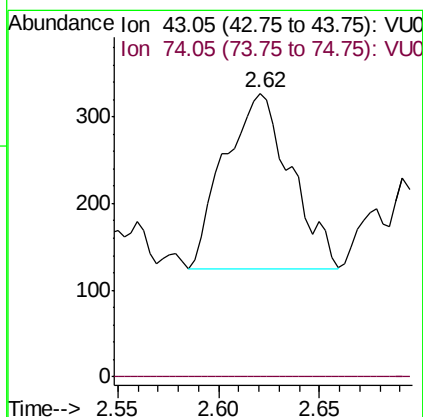
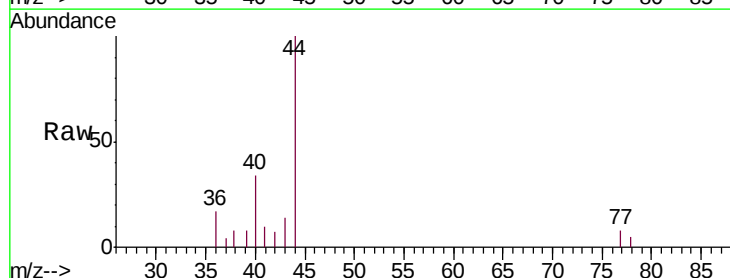
Acq: 20 Jun 2019 19:14

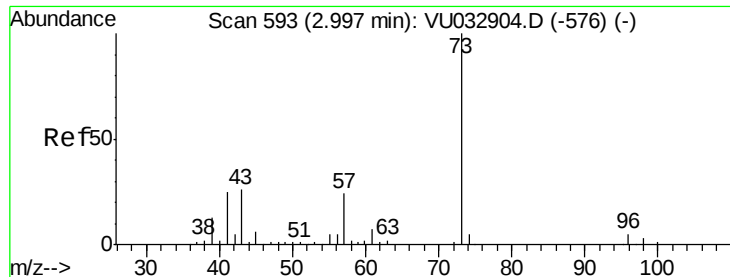
Tgt Ion: 43 Resp: 463

Ion Ratio Lower Upper

43 100

74 0.0 17.8 26.8#

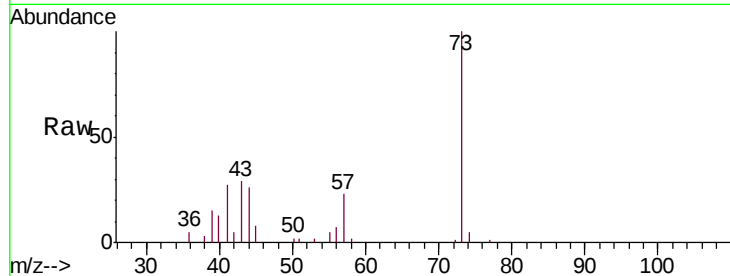




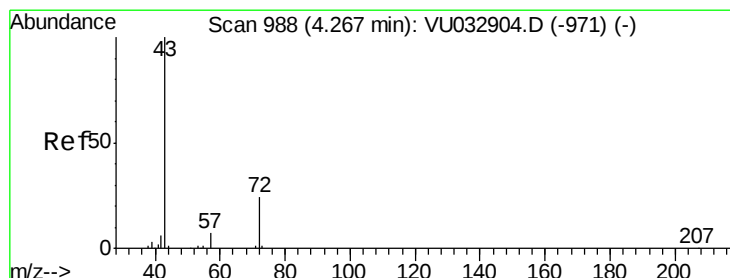
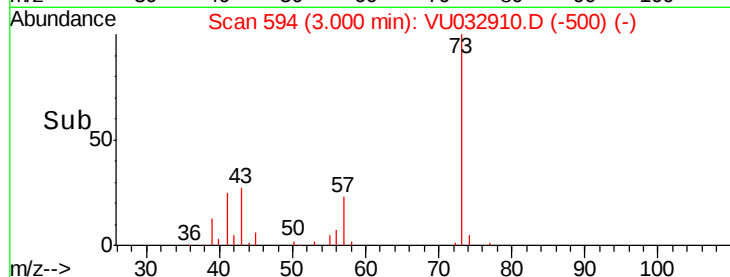
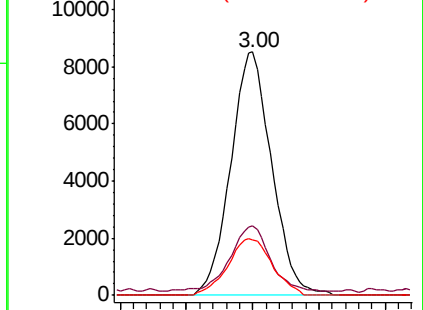
#17
Methyl tert-butyl Ether
Concen: 1.163 ug/L
RT: 3.00 min Scan# 594
Delta R.T. 0.00 min
Lab File: VU032910.D
Acq: 20 Jun 2019 19:14

Instrument :
MSVOA_U
ClientSampled :
GALF4

Tgt Ion: 73 Resp: 18265
Ion Ratio Lower Upper
73 100
43 26.8 18.6 27.8
57 25.2 18.3 27.5

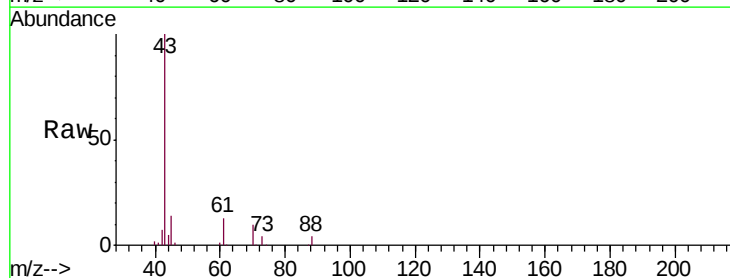


Abundance Ion 73.10 (72.80 to 73.80): VU0
Ion 43.05 (42.75 to 43.75): VU0
Ion 57.10 (56.80 to 57.80): VU0

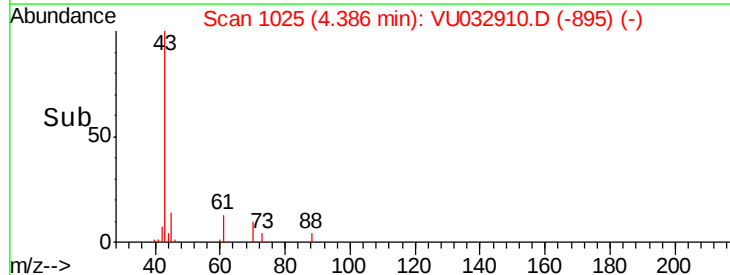
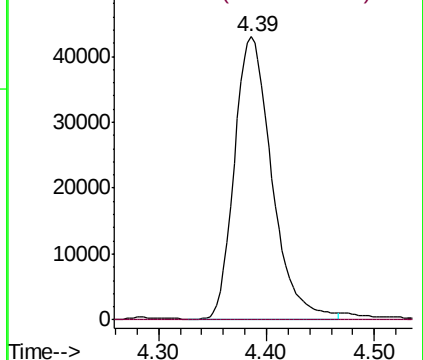


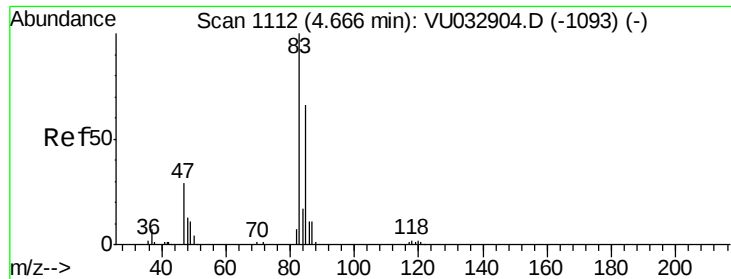
#21
2-Butanone
Concen: 59.715 ug/L
RT: 4.39 min Scan# 1025
Delta R.T. 0.12 min
Lab File: VU032910.D
Acq: 20 Jun 2019 19:14

Tgt Ion: 43 Resp: 103403
Ion Ratio Lower Upper
43 100
72 0.0 13.1 39.3#



Abundance Ion 43.05 (42.75 to 43.75): VU0
Ion 72.10 (71.80 to 72.80): VU0





#25

Chloroform

Concen: 0.610 ug/L

RT: 4.67 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VU032910.D

Acq: 20 Jun 2019 19:14

Instrument :

MSVOA_U

ClientSampleId :

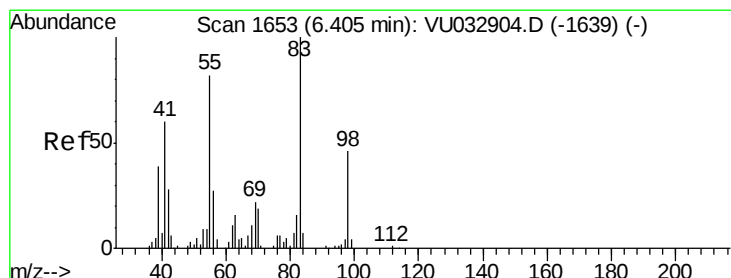
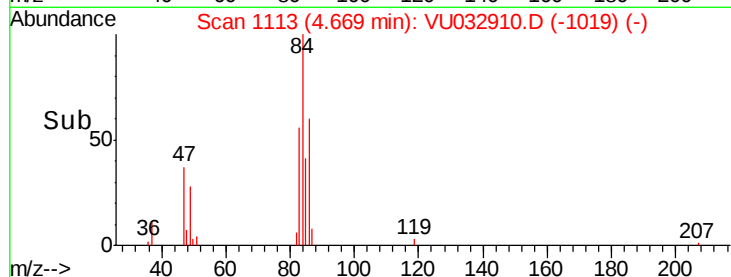
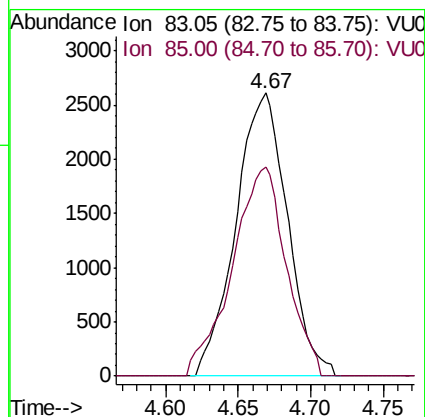
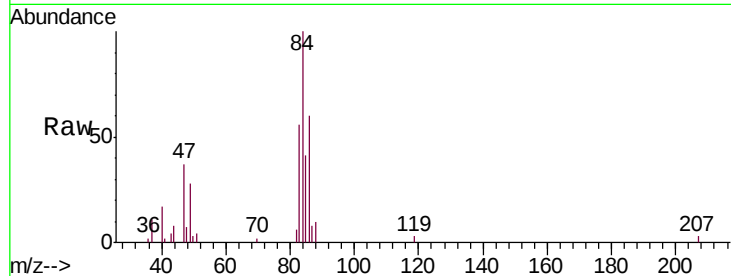
GALF4

Tgt Ion: 83 Resp: 6461

Ion Ratio Lower Upper

83 100

85 73.9 43.8 81.3



#35

Methylcyclohexane

Concen: 0.672 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.08 min

Lab File: VU032910.D

Acq: 20 Jun 2019 19:14

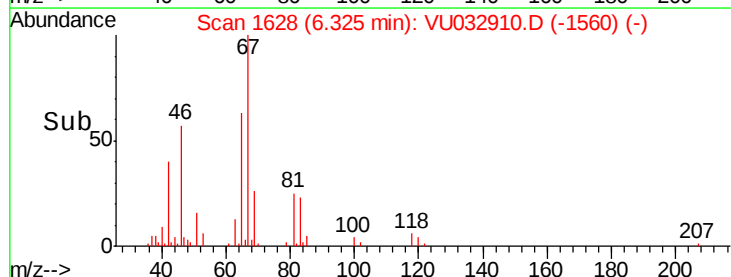
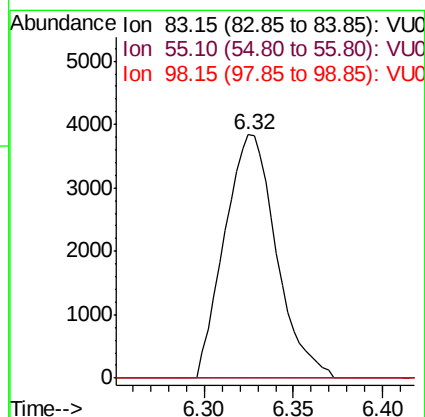
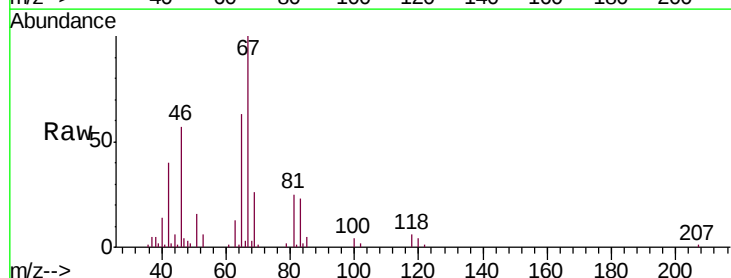
Tgt Ion: 83 Resp: 7757

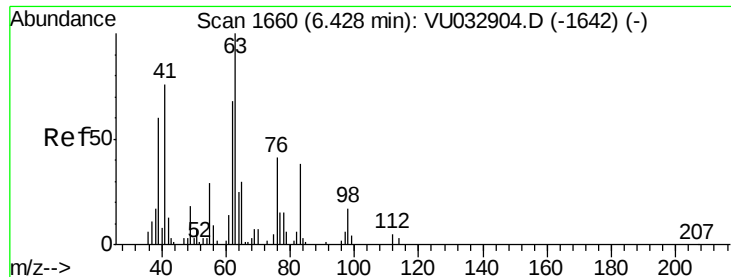
Ion Ratio Lower Upper

83 100

55 0.0 60.0 90.0#

98 0.2 37.8 56.8#

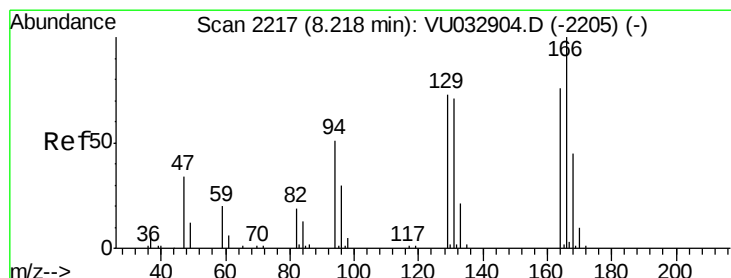
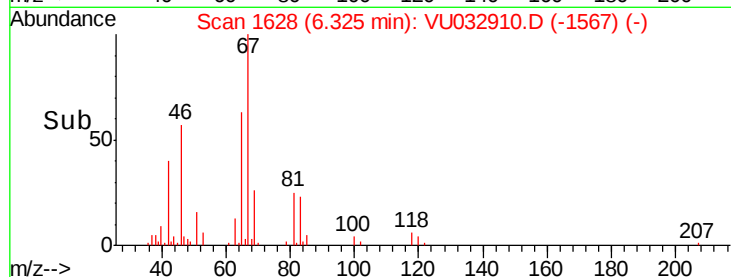
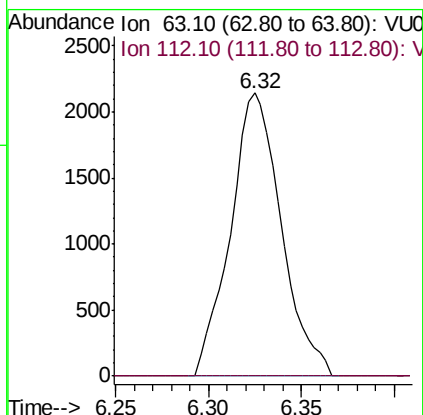
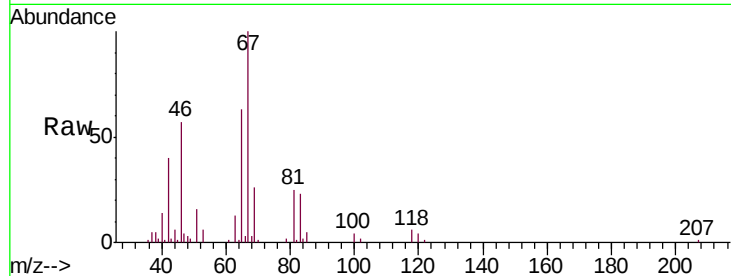




#37
 1,2-Dichloropropane
 Concen: 0.632 ug/L
 RT: 6.32 min Scan# 1628
 Delta R.T. -0.10 min
 Lab File: VU032910.D
 Acq: 20 Jun 2019 19:14

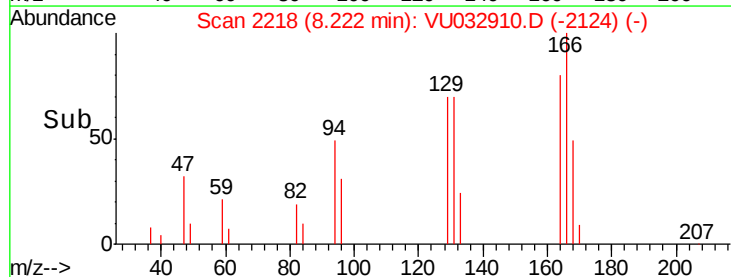
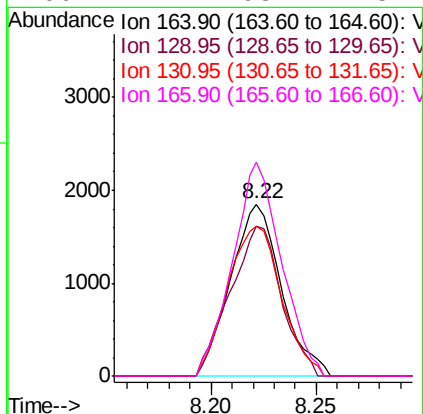
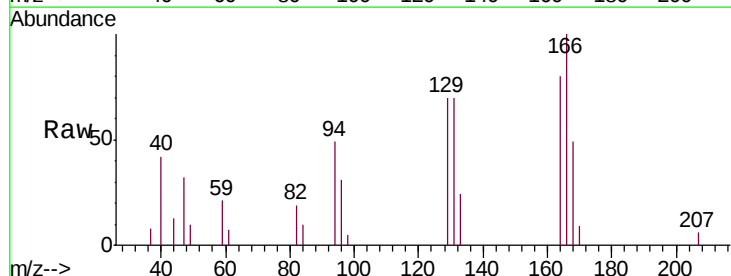
Instrument :
 MSVOA_U
 ClientSampleId :
 GALF4

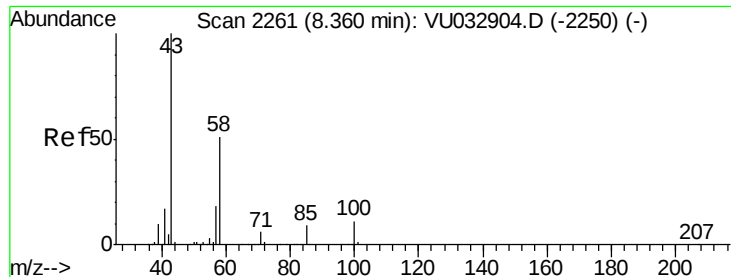
Tgt Ion: 63 Resp: 4082
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.9 4.3#



#47
 Tetrachloroethene
 Concen: 0.547 ug/L
 RT: 8.22 min Scan# 2218
 Delta R.T. 0.00 min
 Lab File: VU032910.D
 Acq: 20 Jun 2019 19:14

Tgt Ion: 164 Resp: 3088
 Ion Ratio Lower Upper
 164 100
 129 87.0 66.1 122.7
 131 87.0 65.6 121.8
 166 124.4 93.2 173.2

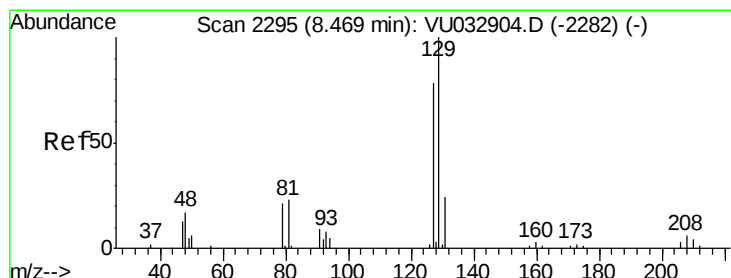
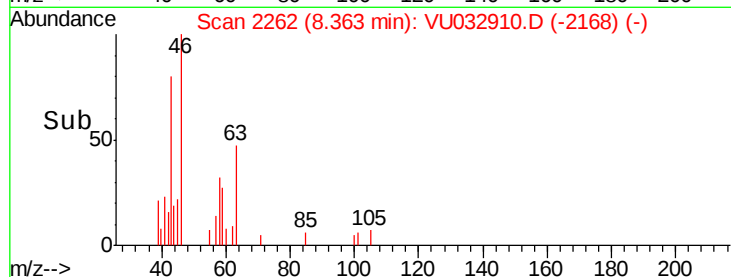
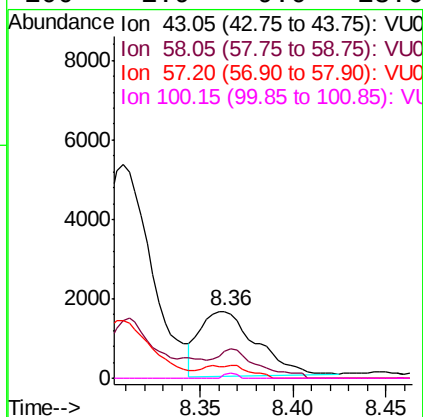
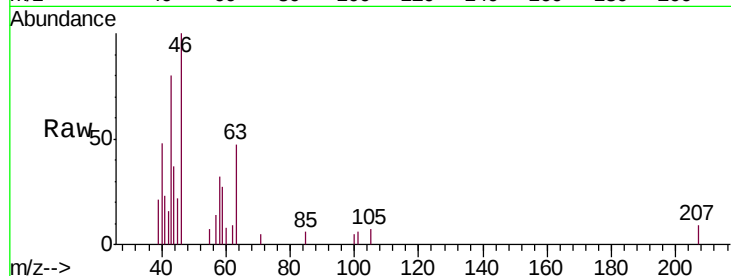




#48
2-Hexanone
Concen: 1.042 ug/L
RT: 8.36 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VU032910.D
Acq: 20 Jun 2019 19:14

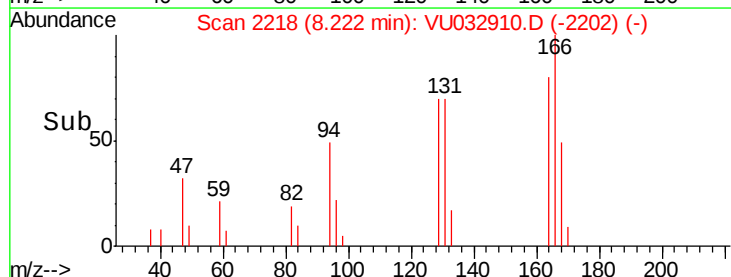
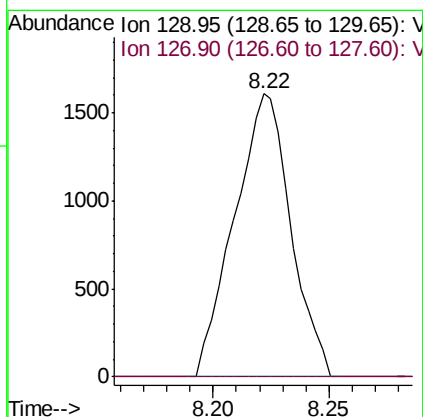
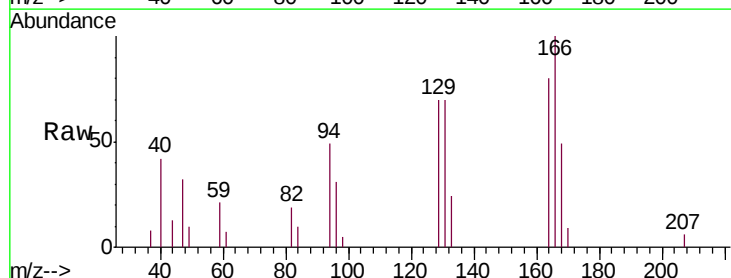
Instrument :
MSVOA_U
ClientSampleId :
GALF4

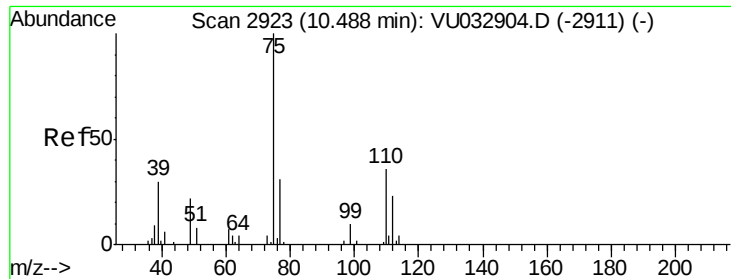
Tgt Ion: 43 Resp: 3421
Ion Ratio Lower Upper
43 100
58 34.2 41.9 62.9#
57 17.2 15.1 22.7
100 1.9 9.0 13.6#



#49
Dibromochloromethane
Concen: 0.452 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. -0.25 min
Lab File: VU032910.D
Acq: 20 Jun 2019 19:14

Tgt Ion: 129 Resp: 2716
Ion Ratio Lower Upper
129 100
127 0.0 53.3 98.9#





#59

1,2,3-Trichloropropane

Concen: 1.209 ug/L

RT: 11.48 min Scan# 3230

Delta R.T. 0.99 min

Lab File: VU032910.D

Acq: 20 Jun 2019 19:14

Instrument :

MSVOA_U

ClientSampleId :

GALF4

Tgt Ion: 75 Resp: 5126

Ion Ratio Lower Upper

75 100

77 39.9 25.3 37.9#

