

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061919\
 Data File : VU032869.D
 Acq On : 19 Jun 2019 19:42
 Operator : JC/SP
 Sample : K3413-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GALF1

Quant Time: Jun 20 07:28:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jun 20 07:24:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	108227	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	102829	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	54543	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	31774	4.52	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.40%
7) Chloroethane-d5	1.68	69	27751	4.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.20%
11) 1,1-Dichloroethene-d2	2.27	63	53055	3.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.40%
20) 2-Butanone-d5	4.19	46	117770	59.97	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.94%
24) Chloroform-d	4.64	84	68873	5.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.20%
26) 1,2-Dichloroethane-d4	5.31	65	40799	6.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	124.00%
32) Benzene-d6	5.33	84	135515	5.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.00%
36) 1,2-Dichloropropane-d6	6.32	67	44135	5.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	112.00%
41) Toluene-d8	7.56	98	124219	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.00%
43) trans-1,3-Dichloropropene-	7.85	79	17875	5.31	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	106.20%
46) 2-Hexanone-d5	8.31	63	88578	52.50	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.00%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	37763	5.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	113.80%
64) 1,2-Dichlorobenzene-d4	11.85	152	53873	5.49	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.80%

Target Compounds

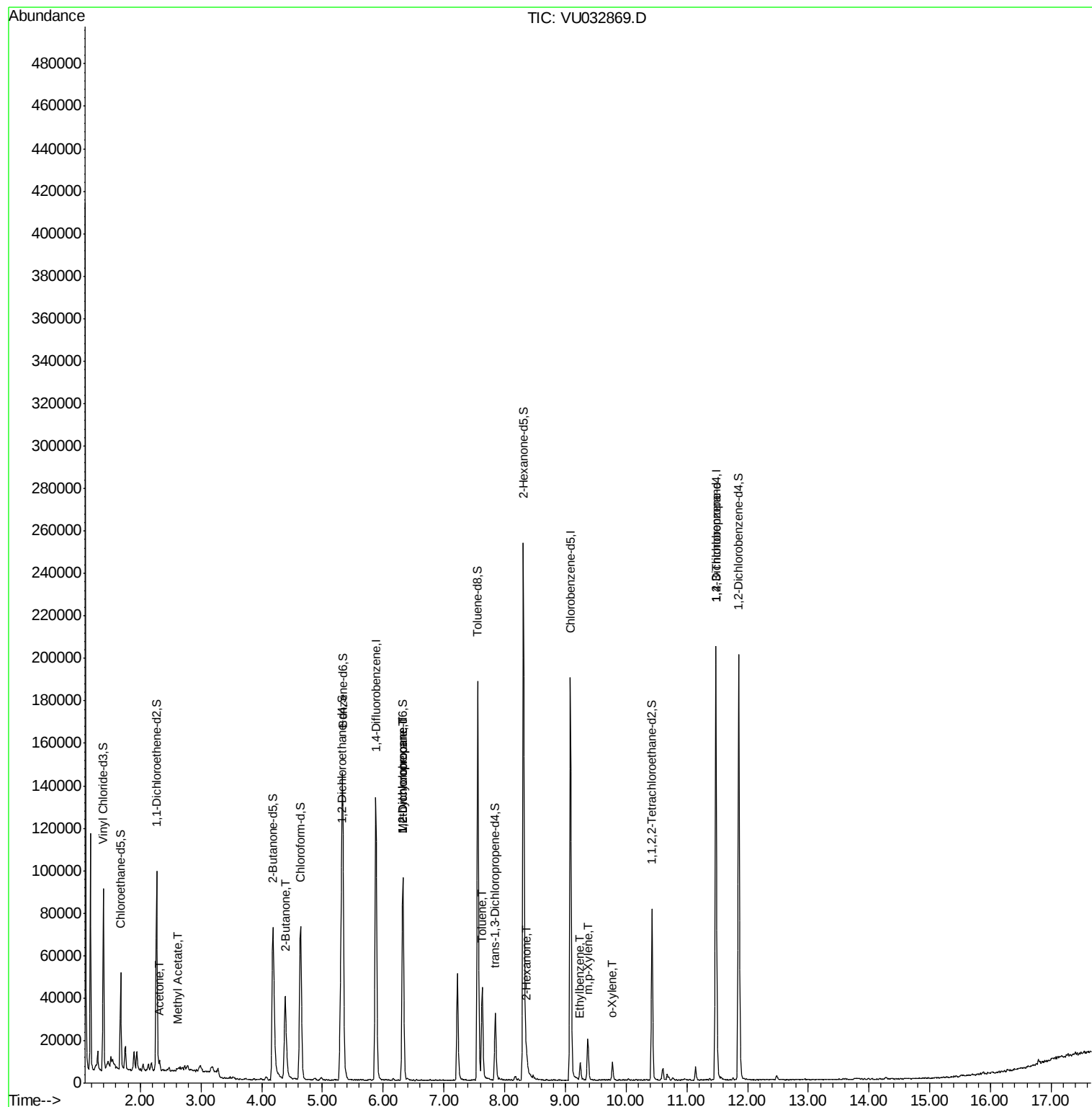
					Qvalue
13) Acetone	2.32	43	3765	2.470 ug/L	98
15) Methyl Acetate	2.61	43	630	0.151 ug/L #	53
21) 2-Butanone	4.39	43	60234	27.172 ug/L #	49
35) Methylcyclohexane	6.32	83	9818	0.700 ug/L #	21
37) 1,2-Dichloropropane	6.32	63	5250	0.669 ug/L #	89
42) Toluene	7.63	91	31396	0.929 ug/L	99
48) 2-Hexanone	8.36	43	4250	1.065 ug/L #	94
52) Ethylbenzene	9.25	91	6259	0.168 ug/L	98
53) m,p-Xylene	9.37	106	5732	0.406 ug/L	99
54) o-Xylene	9.77	106	2269	0.161 ug/L	94
59) 1,2,3-Trichloropropane	11.48	75	6893	1.338 ug/L	90

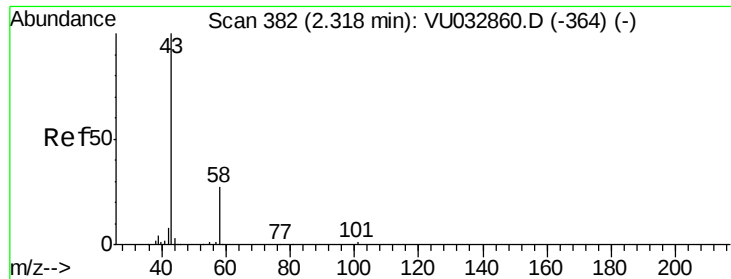
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.470 ug/L

RT: 2.32 min Scan# 382

Delta R.T. -0.00 min

Lab File: VU032869.D

Acq: 19 Jun 2019 19:42

Instrument :

MSVOA_U

ClientSampled :

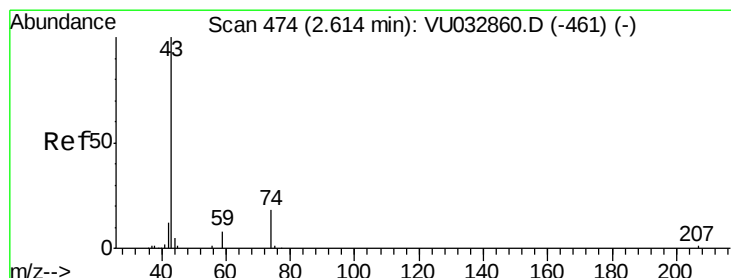
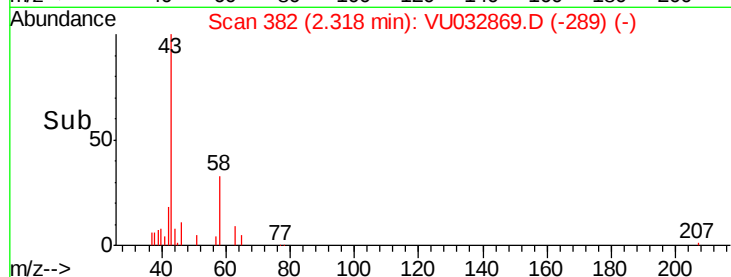
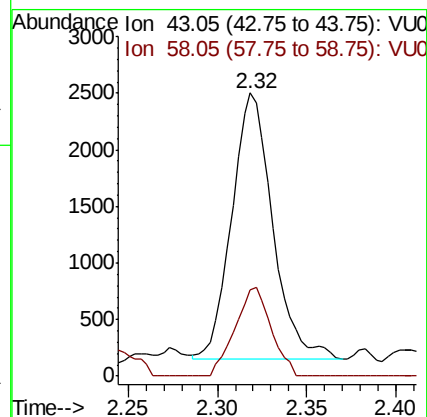
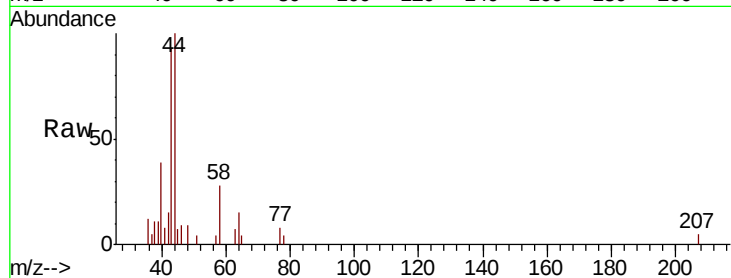
GALF1

Tgt Ion: 43 Resp: 3765

Ion Ratio Lower Upper

43 100

58 29.4 0.0 60.8



#15

Methyl Acetate

Concen: 0.151 ug/L

RT: 2.61 min Scan# 473

Delta R.T. -0.00 min

Lab File: VU032869.D

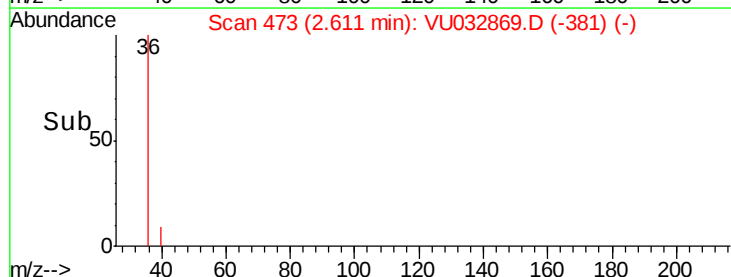
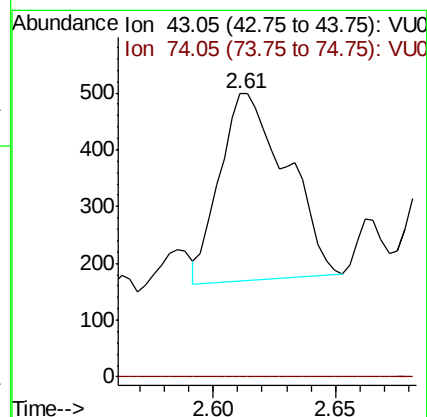
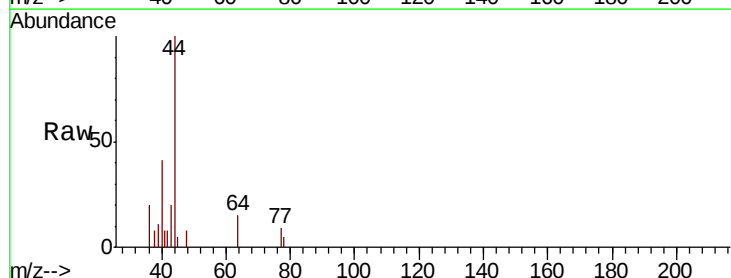
Acq: 19 Jun 2019 19:42

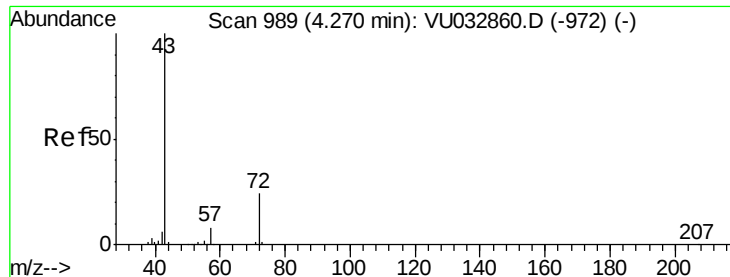
Tgt Ion: 43 Resp: 630

Ion Ratio Lower Upper

43 100

74 0.0 17.8 26.8#

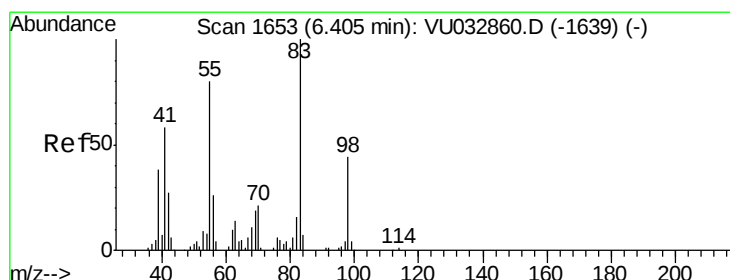
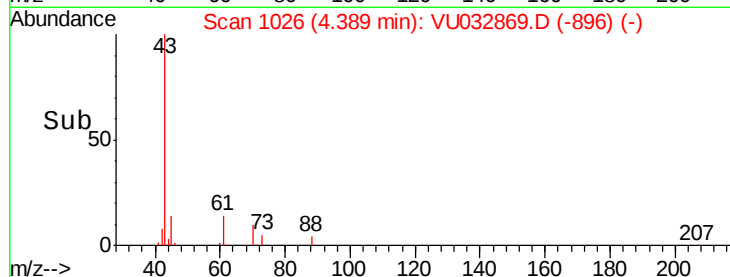
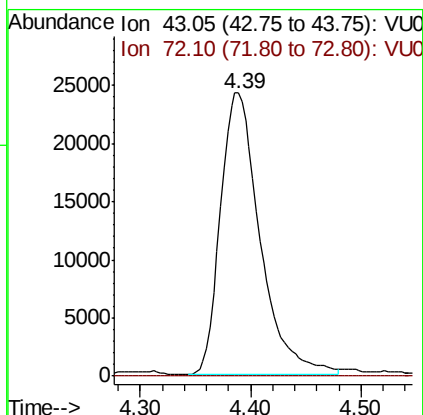
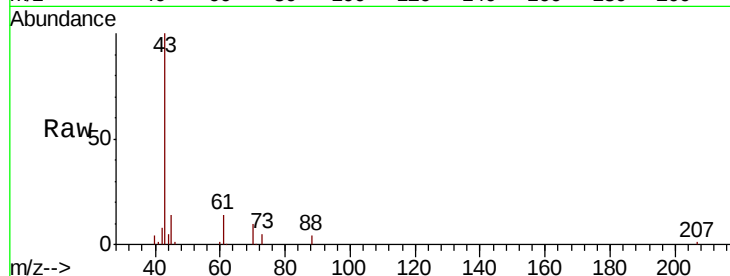




#21
2-Butanone
Concen: 27.172 ug/L
RT: 4.39 min Scan# 1026
Delta R.T. 0.12 min
Lab File: VU032869.D
Acq: 19 Jun 2019 19:42

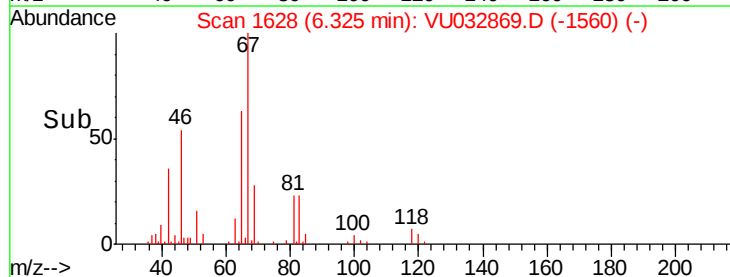
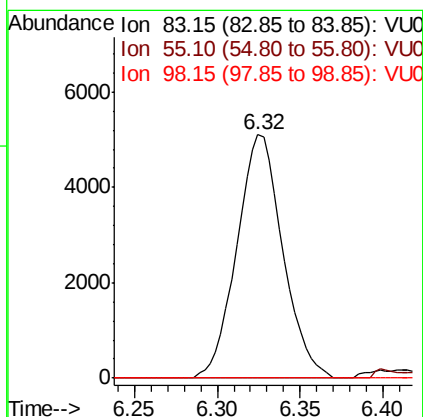
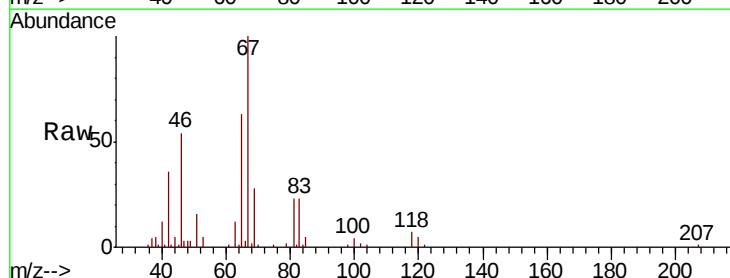
Instrument :
MSVOA_U
ClientSampled :
GALF1

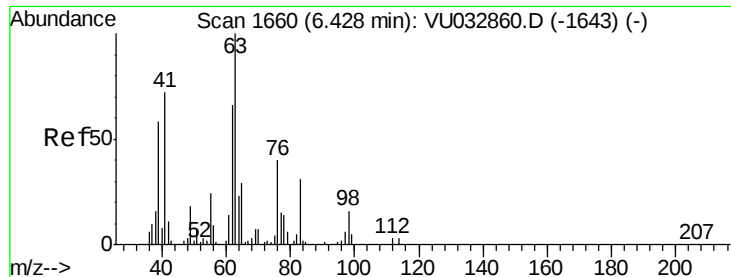
Tgt Ion: 43 Resp: 60234
Ion Ratio Lower Upper
43 100
72 0.0 13.1 39.3#



#35
Methylcyclohexane
Concen: 0.700 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.08 min
Lab File: VU032869.D
Acq: 19 Jun 2019 19:42

Tgt Ion: 83 Resp: 9818
Ion Ratio Lower Upper
83 100
55 2.2 60.0 90.0#
98 0.8 37.8 56.8#





#37

1,2-Dichloropropane

Concen: 0.669 ug/L

RT: 6.32 min Scan# 1627

Delta R.T. -0.11 min

Lab File: VU032869.D

Acq: 19 Jun 2019 19:42

Instrument :

MSVOA_U

ClientSampleId :

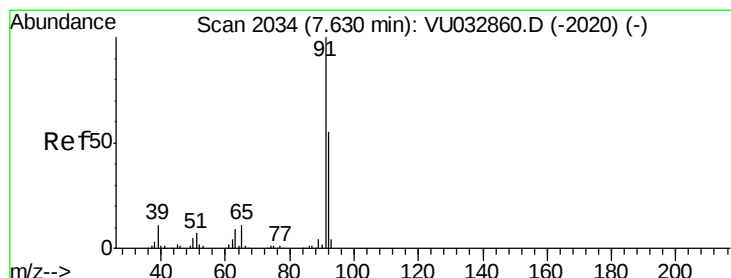
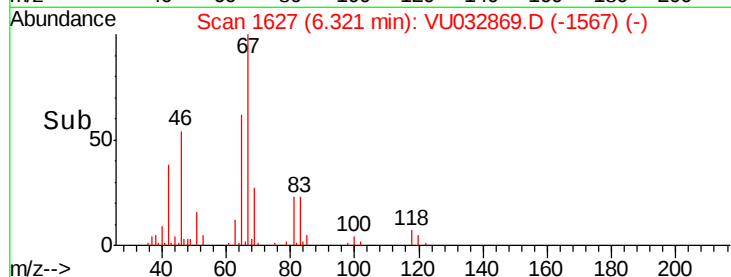
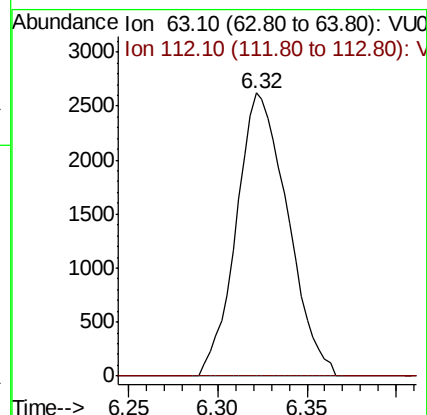
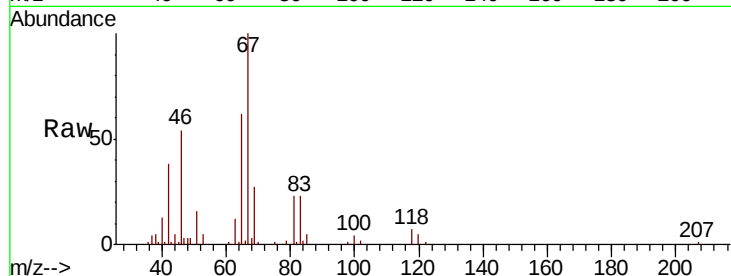
GALF1

Tgt Ion: 63 Resp: 5250

Ion Ratio Lower Upper

63 100

112 0.0 2.9 4.3#



#42

Toluene

Concen: 0.929 ug/L

RT: 7.63 min Scan# 2035

Delta R.T. 0.00 min

Lab File: VU032869.D

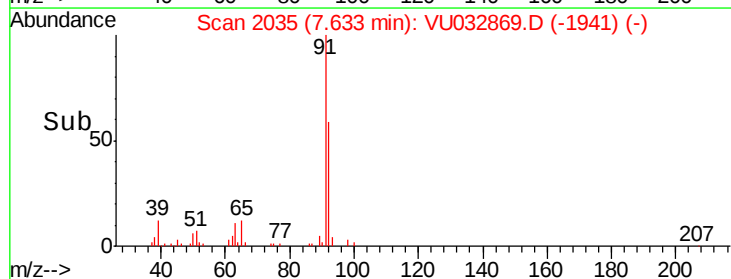
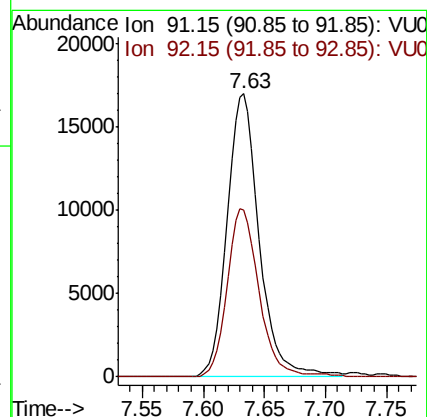
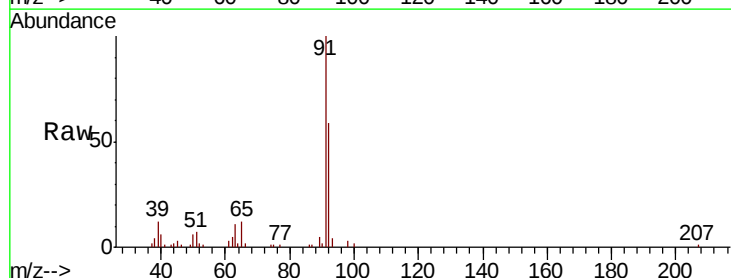
Acq: 19 Jun 2019 19:42

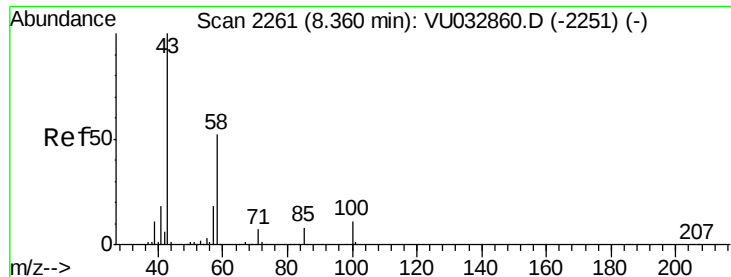
Tgt Ion: 91 Resp: 31396

Ion Ratio Lower Upper

91 100

92 59.1 40.9 75.9

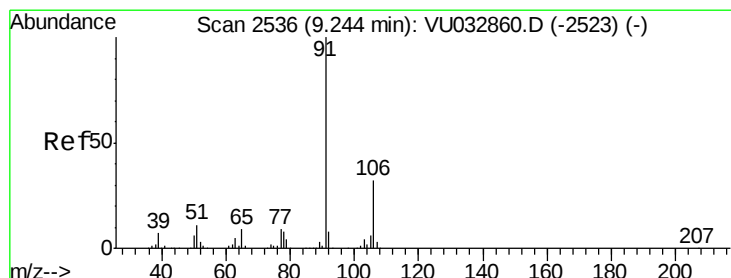
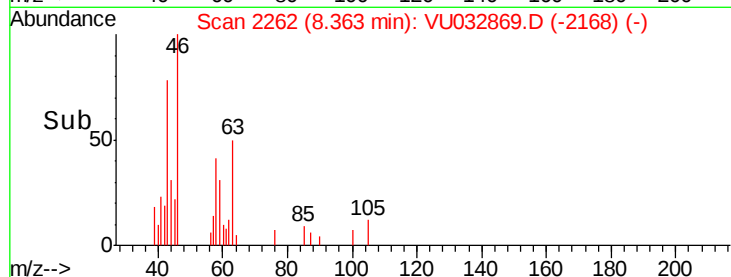
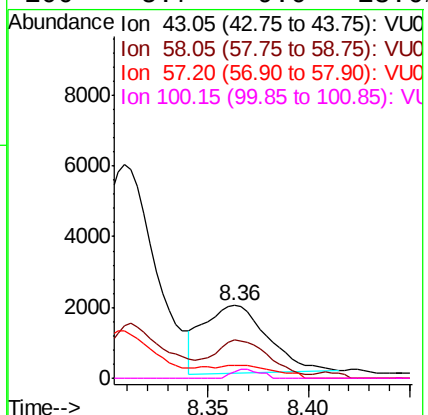
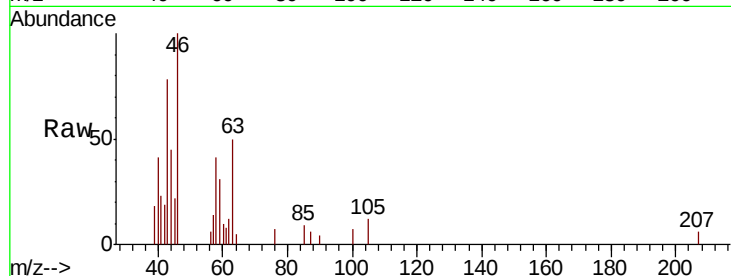




#48
2-Hexanone
Concen: 1.065 ug/L
RT: 8.36 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VU032869.D
Acq: 19 Jun 2019 19:42

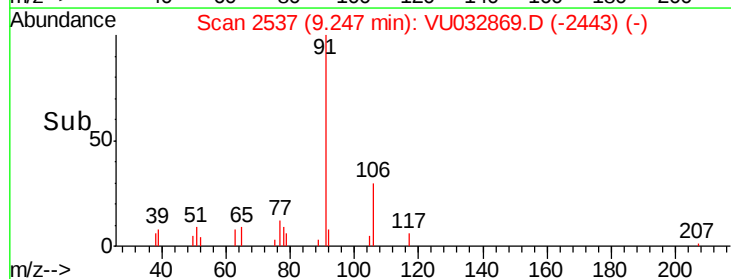
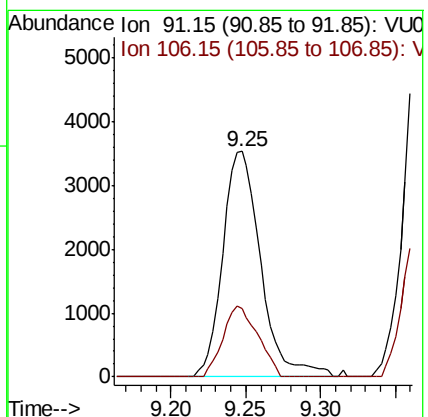
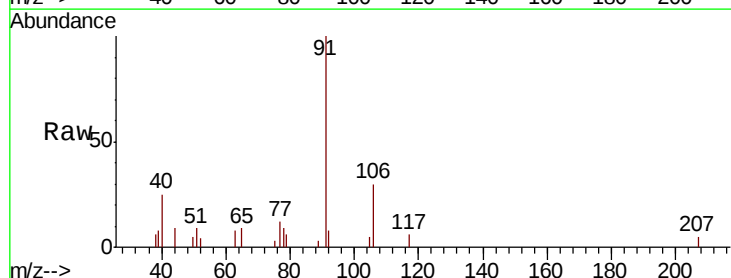
Instrument :
MSVOA_U
ClientSampleId :
GALF1

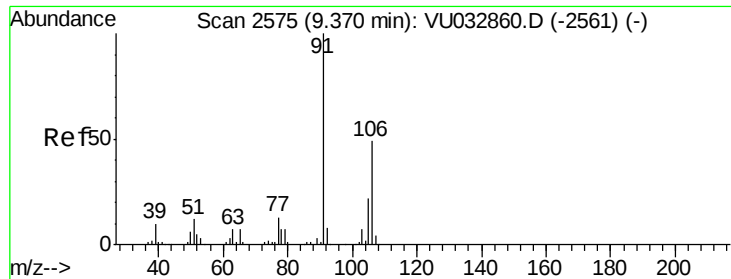
Tgt Ion: 43 Resp: 4250
Ion Ratio Lower Upper
43 100
58 50.7 41.9 62.9
57 14.3 15.1 22.7#
100 5.7 9.0 13.6#



#52
Ethylbenzene
Concen: 0.168 ug/L
RT: 9.25 min Scan# 2537
Delta R.T. 0.00 min
Lab File: VU032869.D
Acq: 19 Jun 2019 19:42

Tgt Ion: 91 Resp: 6259
Ion Ratio Lower Upper
91 100
106 30.1 21.8 40.6





#53

m,p-Xylene

Concen: 0.406 ug/L

RT: 9.37 min Scan# 2575

Delta R.T. -0.00 min

Lab File: VU032869.D

Acq: 19 Jun 2019 19:42

Instrument :

MSVOA_U

ClientSampleId :

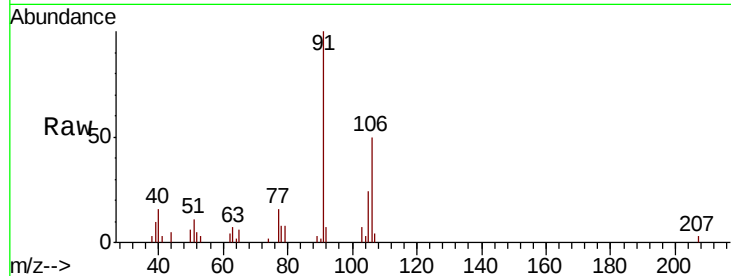
GALF1

Tgt Ion:106 Resp: 5732

Ion Ratio Lower Upper

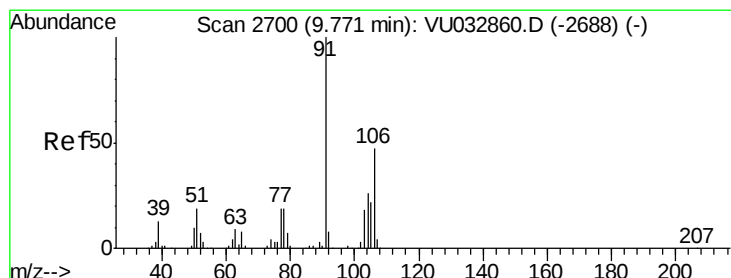
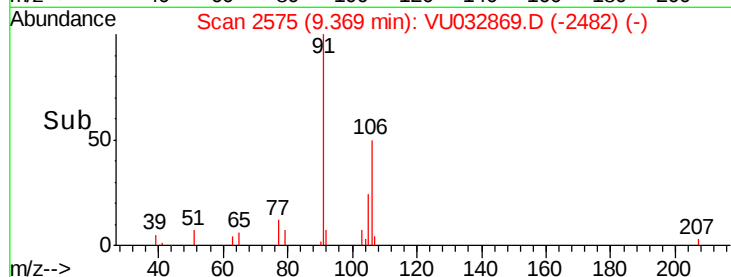
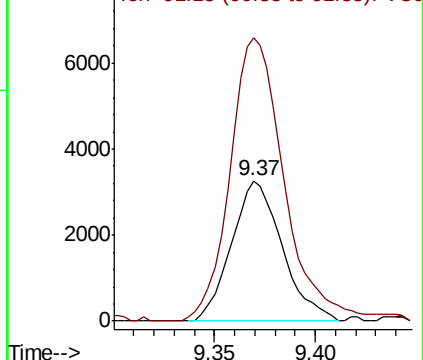
106 100

91 201.3 142.4 264.4



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VU0



#54

o-Xylene

Concen: 0.161 ug/L

RT: 9.77 min Scan# 2701

Delta R.T. 0.00 min

Lab File: VU032869.D

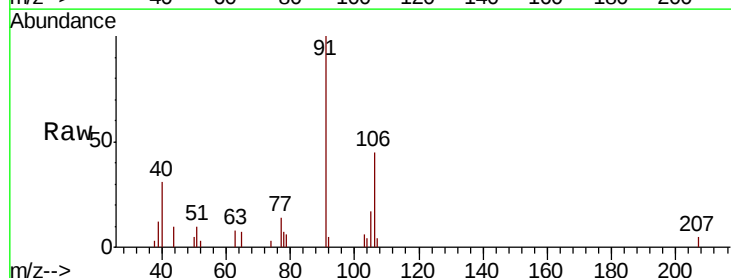
Acq: 19 Jun 2019 19:42

Tgt Ion:106 Resp: 2269

Ion Ratio Lower Upper

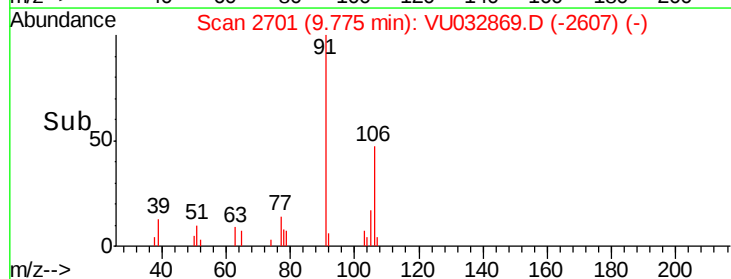
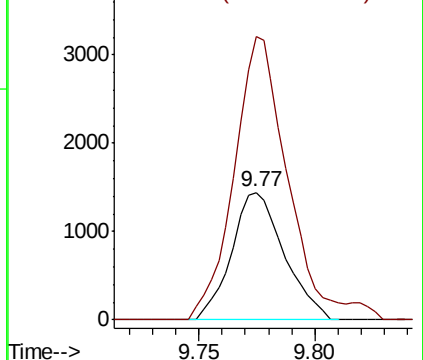
106 100

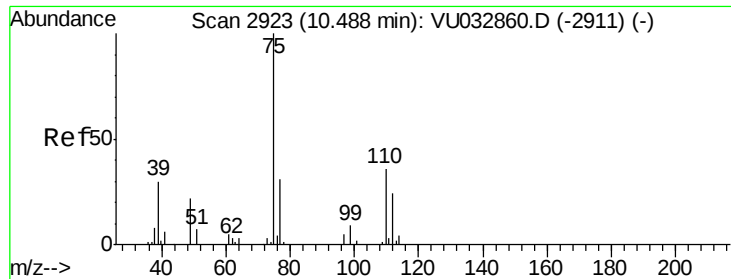
91 221.4 148.8 276.4



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VU0





#59

1,2,3-Trichloropropane

Concen: 1.338 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU032869.D

Acq: 19 Jun 2019 19:42

Instrument :

MSVOA_U

ClientSampleId :

GALF1

Tgt Ion: 75 Resp: 6893

Ion Ratio Lower Upper

75 100

77 37.3 25.3 37.9

