

Data File : VU032907.D
Acq On : 20 Jun 2019 18:02
Operator : JC/SP
Sample : K3413-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GALF1

Quant Time: Jun 21 07:40:09 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	84924	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	85068	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	42503	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	22356	4.05	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.00%
7) Chloroethane-d5	1.68	69	20328	4.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.20%
11) 1,1-Dichloroethene-d2	2.27	63	37870	3.38	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.60%
20) 2-Butanone-d5	4.18	46	99146	64.34	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	128.68%
24) Chloroform-d	4.64	84	53705	5.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.60%
26) 1,2-Dichloroethane-d4	5.31	65	32528	6.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	126.00%
32) Benzene-d6	5.33	84	101464	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
36) 1,2-Dichloropropane-d6	6.32	67	33847	5.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.80%
41) Toluene-d8	7.56	98	88575	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.60%
43) trans-1,3-Dichloropropene-	7.85	79	13696	4.92	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.40%
46) 2-Hexanone-d5	8.31	63	73534	52.68	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.36%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	30651	5.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	39760	5.20	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.00%

Target Compounds

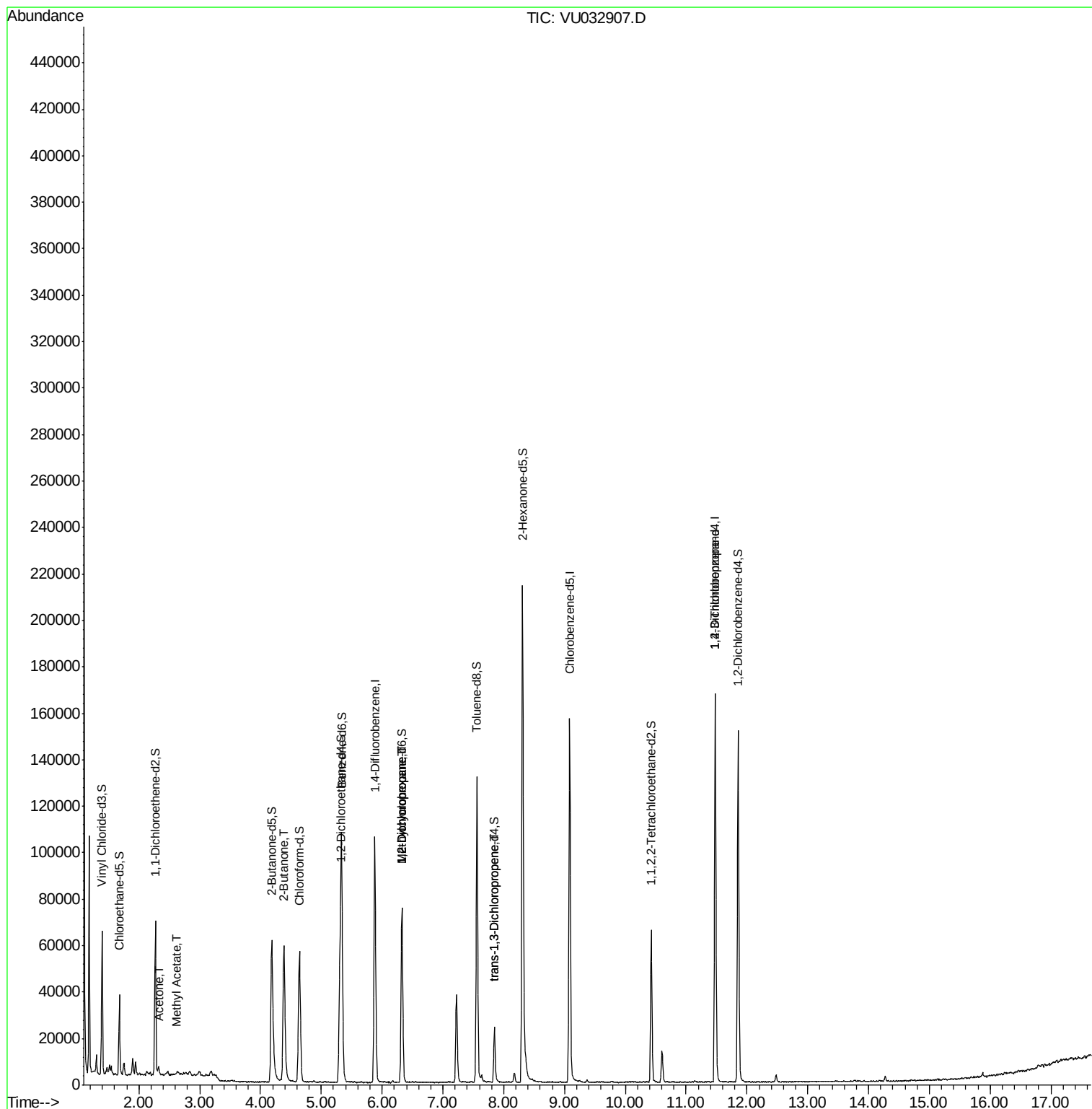
					Qvalue
13) Acetone	2.32	43	3504	2.930 ug/L	94
15) Methyl Acetate	2.62	43	925	0.282 ug/L #	53
21) 2-Butanone	4.39	43	86481	49.717 ug/L #	49
35) Methylcyclohexane	6.32	83	8050	0.694 ug/L #	19
37) 1,2-Dichloropropane	6.32	63	4273	0.658 ug/L #	89
44) trans-1,3-Dichloropropene	7.85	75	730	0.092 ug/L	99
59) 1,2,3-Trichloropropene	11.48	75	6018	1.412 ug/L	94

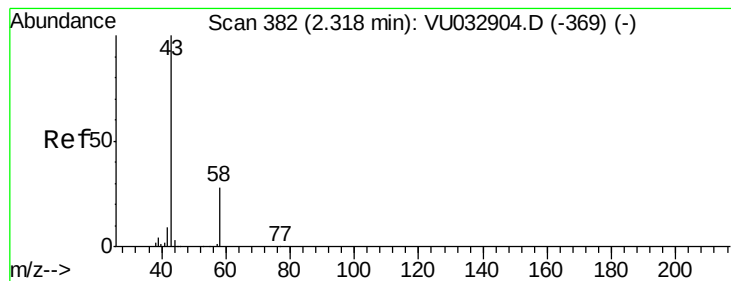
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.930 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU032907.D

Acq: 20 Jun 2019 18:02

Instrument :

MSVOA_U

ClientSampleId :

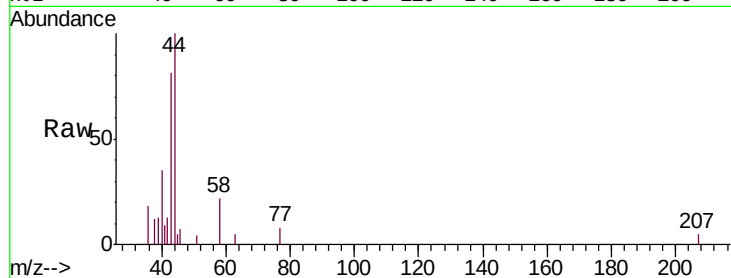
GALF1

Tgt Ion: 43 Resp: 3504

Ion Ratio Lower Upper

43 100

58 27.2 0.0 60.8



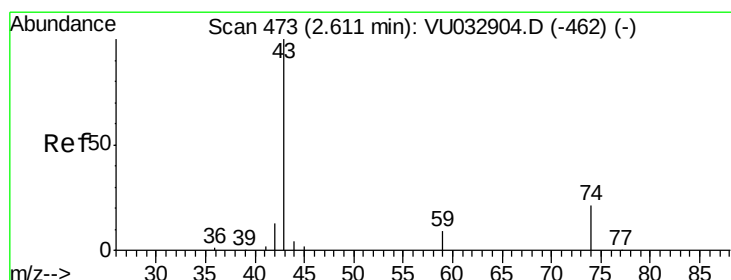
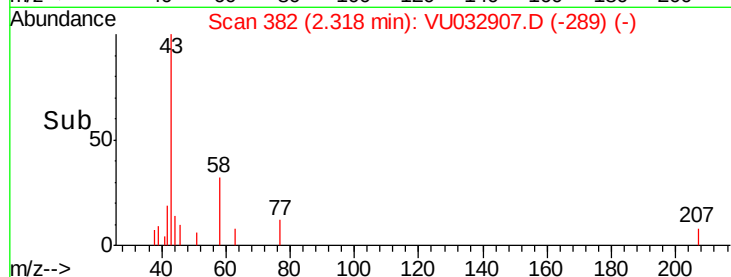
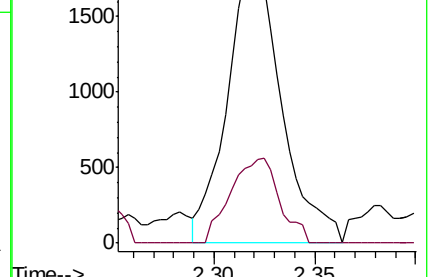
Abundance Ion 43.05 (42.75 to 43.75): VU032907.D (-289) (-)

Ion 58.05 (57.75 to 58.75): VU032907.D (-289) (-)

2.32

2.30

2.35



#15

Methyl Acetate

Concen: 0.282 ug/L

RT: 2.62 min Scan# 475

Delta R.T. 0.01 min

Lab File: VU032907.D

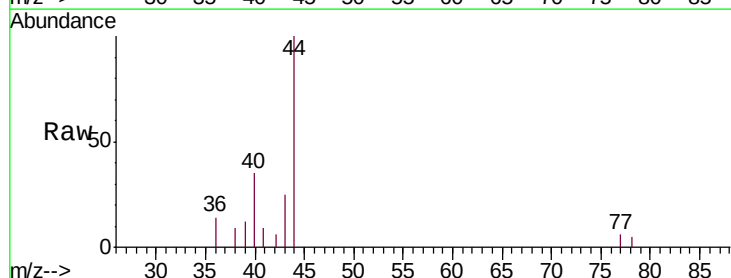
Acq: 20 Jun 2019 18:02

Tgt Ion: 43 Resp: 925

Ion Ratio Lower Upper

43 100

74 0.0 17.8 26.8#



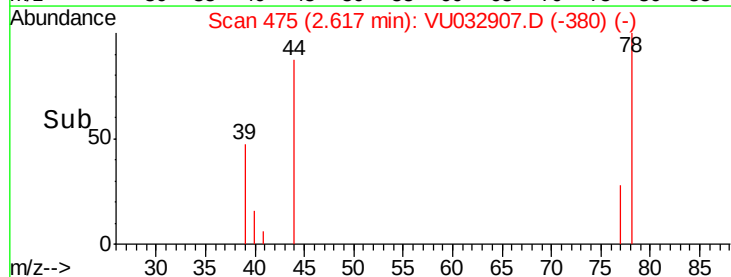
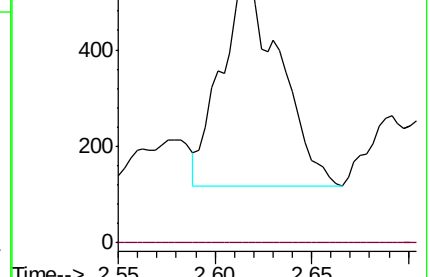
Abundance Ion 43.05 (42.75 to 43.75): VU032907.D (-380) (-)

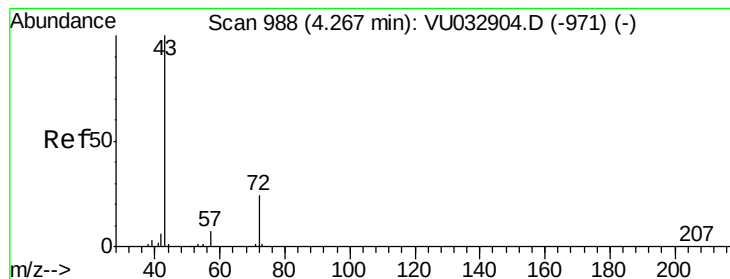
Ion 74.05 (73.75 to 74.75): VU032907.D (-380) (-)

2.62

2.55

2.65





#21

2-Butanone

Concen: 49.717 ug/L

RT: 4.39 min Scan# 1025

Delta R.T. 0.12 min

Lab File: VU032907.D

Acq: 20 Jun 2019 18:02

Instrument :

MSVOA_U

ClientSampleId :

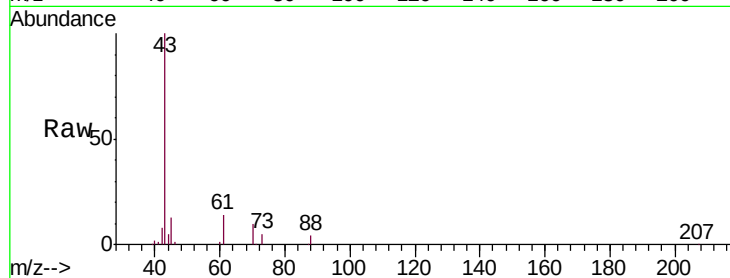
GALF1

Tgt Ion: 43 Resp: 86481

Ion Ratio Lower Upper

43 100

72 0.0 13.1 39.3#



Abundance Ion 43.05 (42.75 to 43.75): VU032907.D (-1025) (-)

Ion 72.10 (71.80 to 72.80): VU032907.D (-1025) (-)

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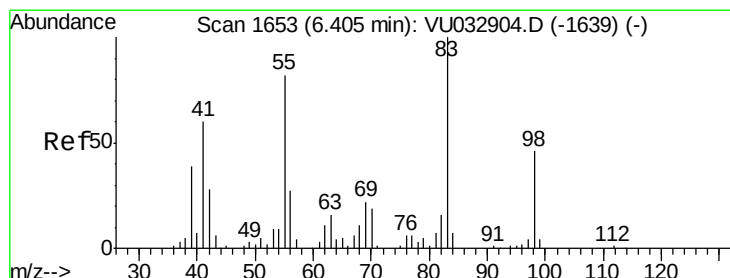
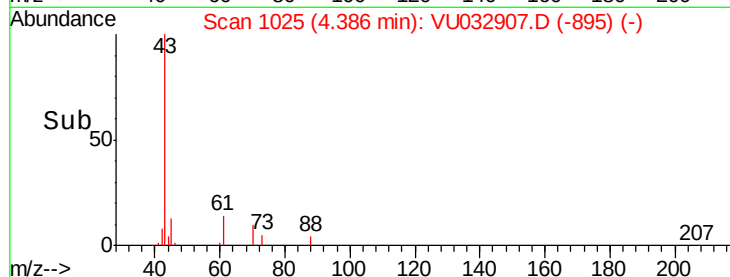
4.39

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4.39



#35

Methylcyclohexane

Concen: 0.694 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.08 min

Lab File: VU032907.D

Acq: 20 Jun 2019 18:02

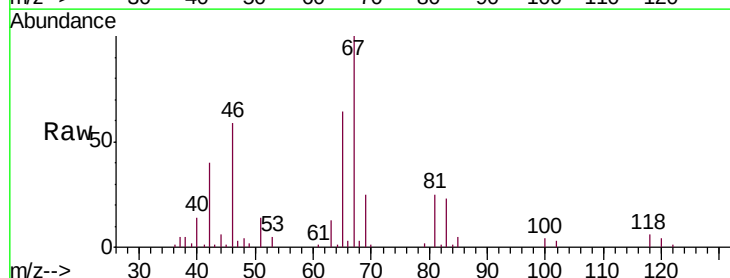
Tgt Ion: 83 Resp: 8050

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): VU032907.D (-1628) (-)

Ion 55.10 (54.80 to 55.80): VU032907.D (-1628) (-)

Ion 98.15 (97.85 to 98.85): VU032907.D (-1628) (-)

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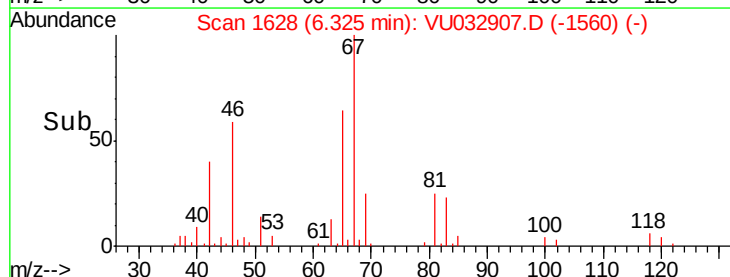
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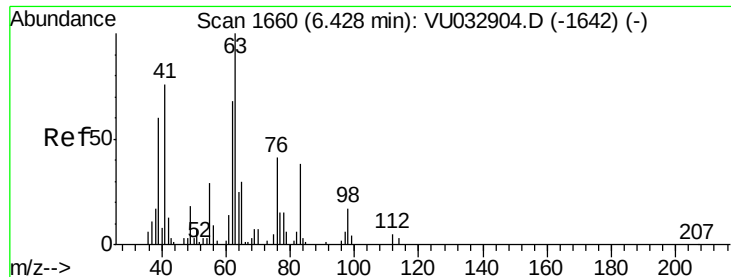
6.32

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6.32



#37

1,2-Dichloropropane

Concen: 0.658 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.10 min

Lab File: VU032907.D

Acq: 20 Jun 2019 18:02

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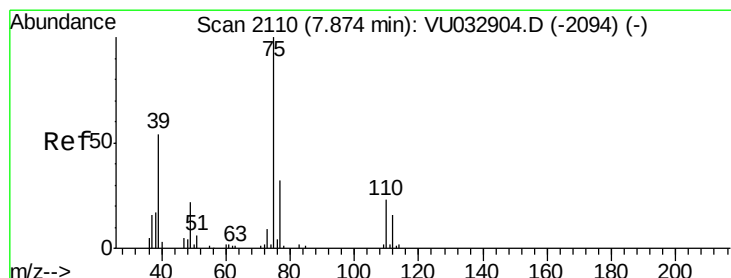
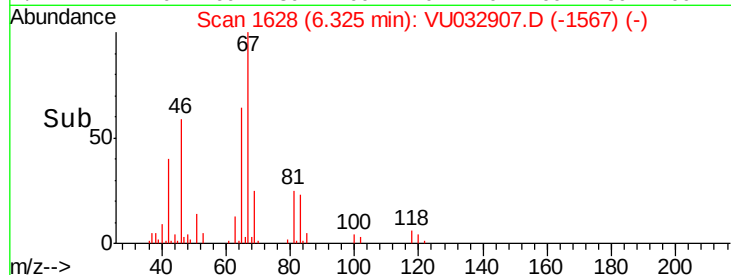
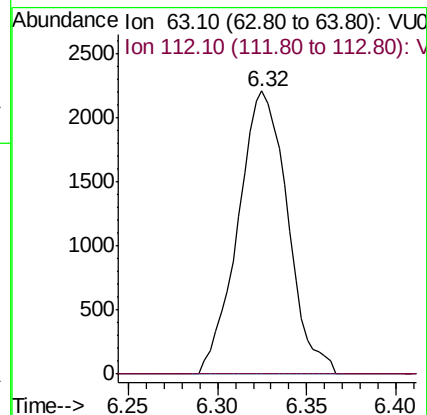
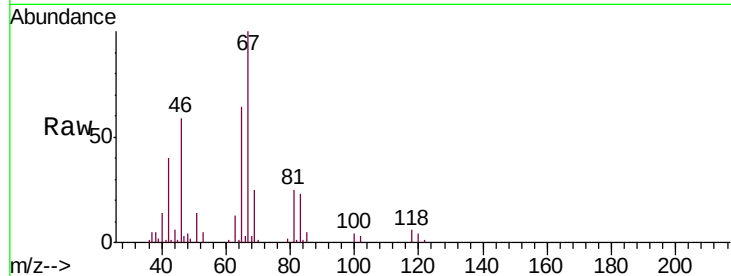
GALF1

Tgt Ion: 63 Resp: 4273

Ion Ratio Lower Upper

63 100

112 0.0 2.9 4.3#



#44

trans-1,3-Dichloropropene

Concen: 0.092 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU032907.D

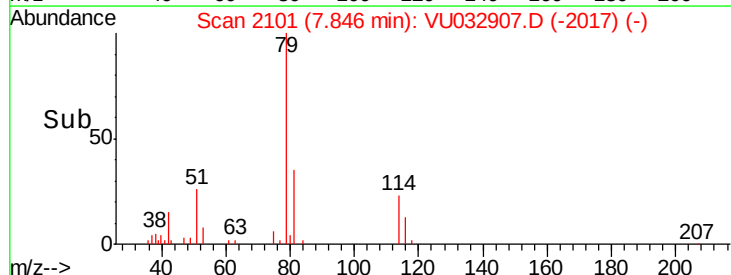
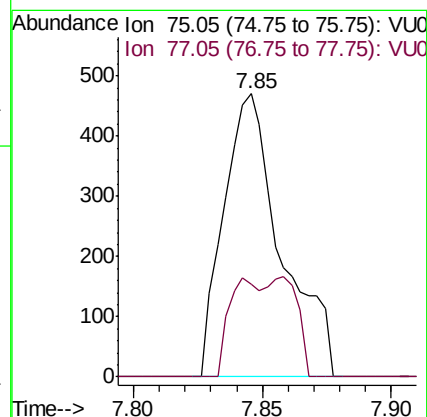
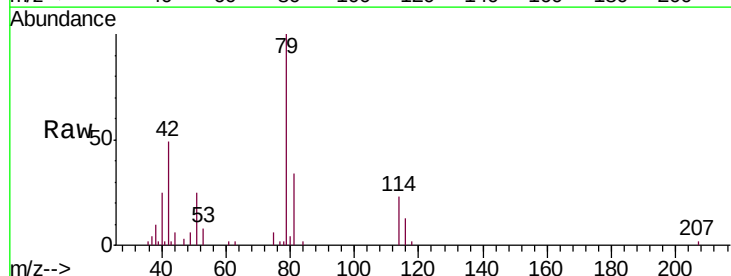
Acq: 20 Jun 2019 18:02

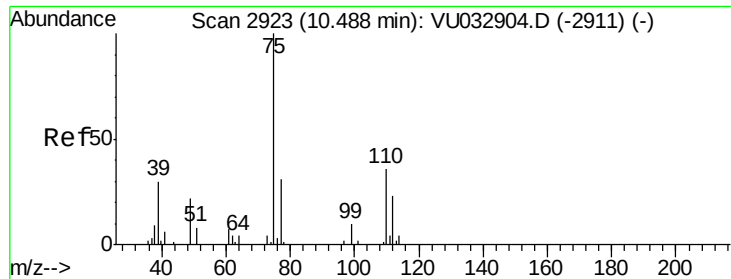
Tgt Ion: 75 Resp: 730

Ion Ratio Lower Upper

75 100

77 32.6 22.5 41.7





#59

1,2,3-Trichloropropane

Concen: 1.412 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU032907.D

Acq: 20 Jun 2019 18:02

Instrument :

MSVOA_U

ClientSampleId :

GALF1

Tgt Ion: 75 Resp: 6018

Ion Ratio Lower Upper

75 100

77 34.8 25.3 37.9

