

Data File : VU032898.D
Acq On : 20 Jun 2019 13:26
Operator : JC/SP
Sample : K3414-17
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GALN3

Quant Time: Jun 21 05:32:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 21 05:28:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	87777	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	87304	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	45863	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	22202	3.89	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.80%
7) Chloroethane-d5	1.68	69	20319	4.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.20%
11) 1,1-Dichloroethene-d2	2.27	63	38182	3.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.00%
20) 2-Butanone-d5	4.19	46	92803	58.27	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.54%
24) Chloroform-d	4.64	84	54256	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.00%
26) 1,2-Dichloroethane-d4	5.31	65	31479	5.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	117.80%
32) Benzene-d6	5.33	84	98595	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.80%
36) 1,2-Dichloropropane-d6	6.32	67	33891	5.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.40%
41) Toluene-d8	7.56	98	87932	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.60%
43) trans-1,3-Dichloropropene-	7.85	79	12812	4.48	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.60%
46) 2-Hexanone-d5	8.31	63	67655	47.23	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.46%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	29485	5.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.60%
64) 1,2-Dichlorobenzene-d4	11.85	152	39545	4.79	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.80%

Target Compounds

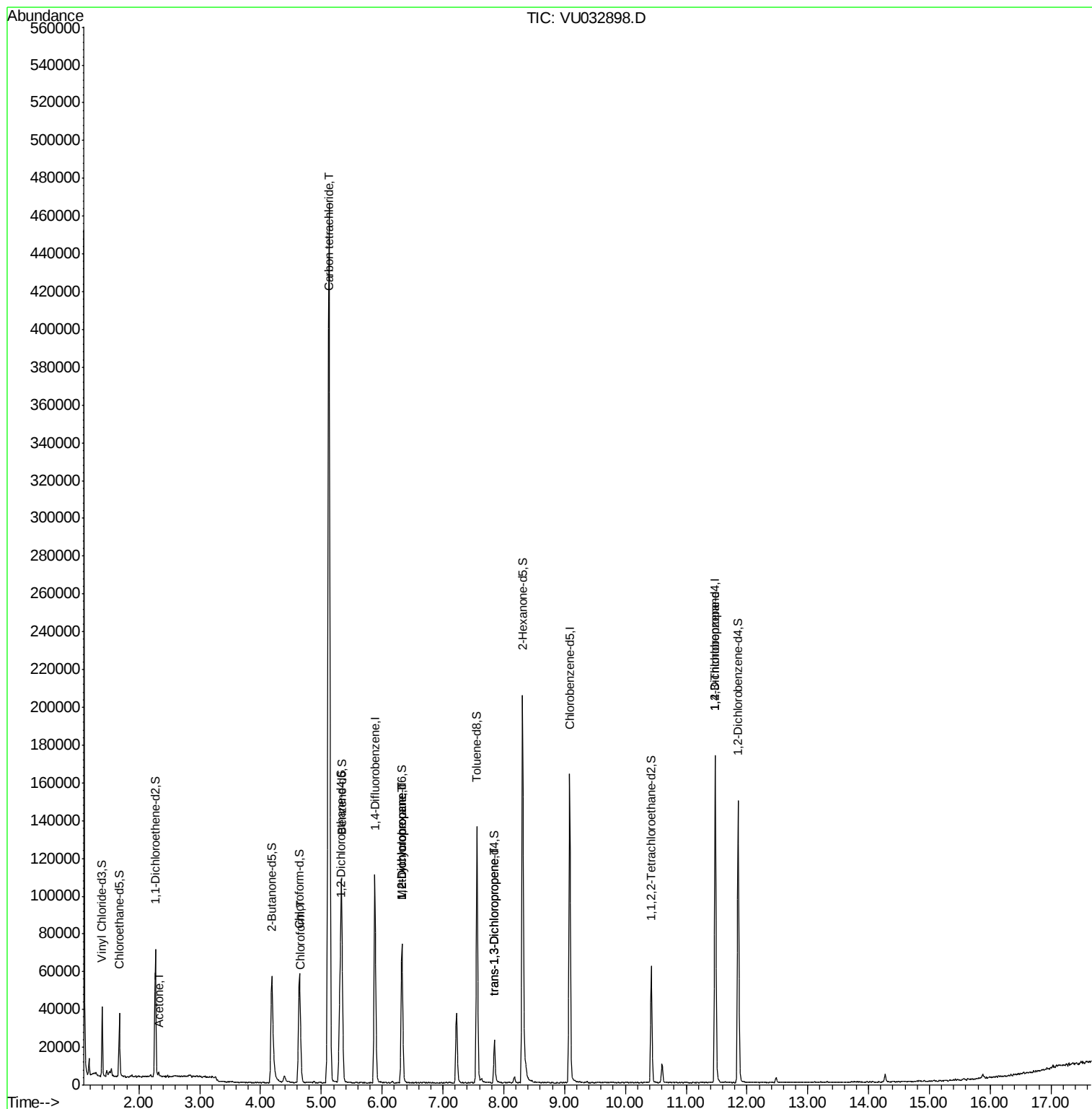
					Qvalue
13) Acetone	2.32	43	1846	1.493 ug/L	90
25) Chloroform	4.67	83	2464	0.224 ug/L	95
31) Carbon tetrachloride	5.13	117	326124	33.716 ug/L	98
35) Methylcyclohexane	6.32	83	7712	0.648 ug/L #	20
37) 1,2-Dichloropropane	6.33	63	4083	0.613 ug/L #	89
44) trans-1,3-Dichloropropene	7.85	75	746	0.091 ug/L	93
59) 1,2,3-Trichloropropene	11.48	75	5827	1.332 ug/L #	86

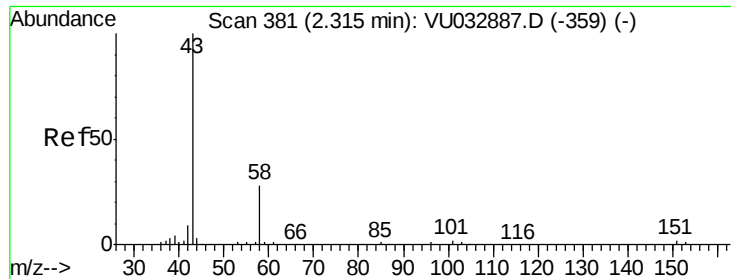
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.493 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.01 min

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Acq: 20 Jun 2019 13:26

Instrument :

MSVOA_U

ClientSampleId :

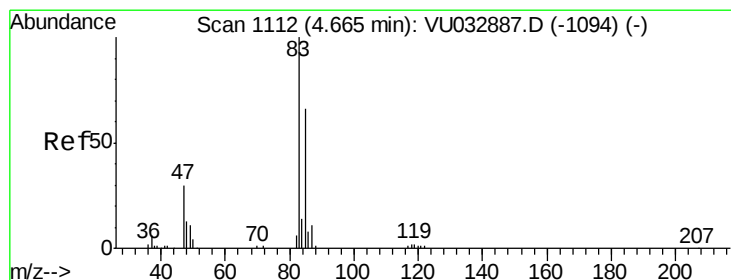
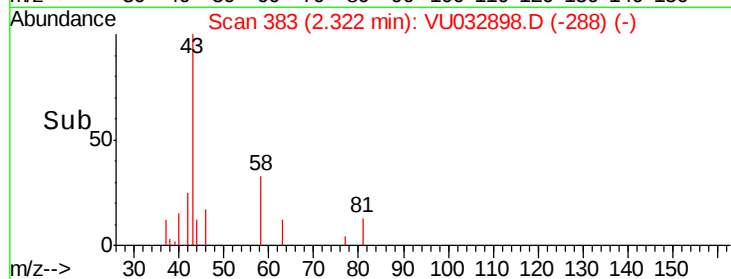
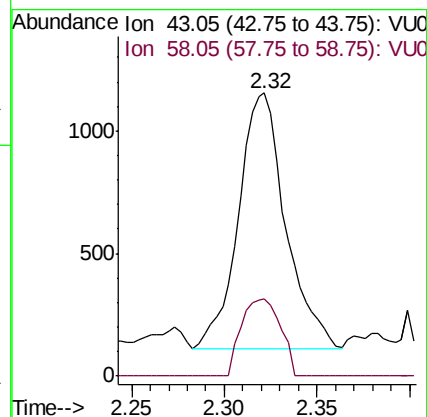
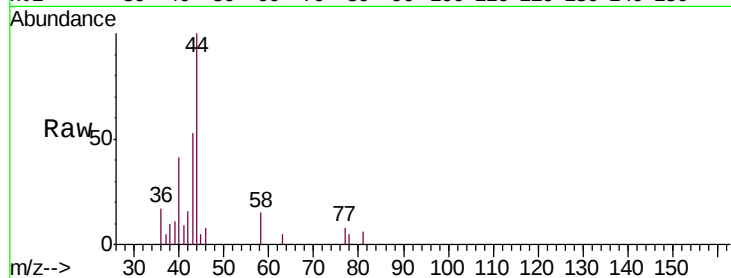
GALN3

Tgt Ion: 43 Resp: 1846

Ion Ratio Lower Upper

43 100

58 24.9 0.0 60.8



#25

Chloroform

Concen: 0.224 ug/L

RT: 4.67 min Scan# 1112

Delta R.T. 0.00 min

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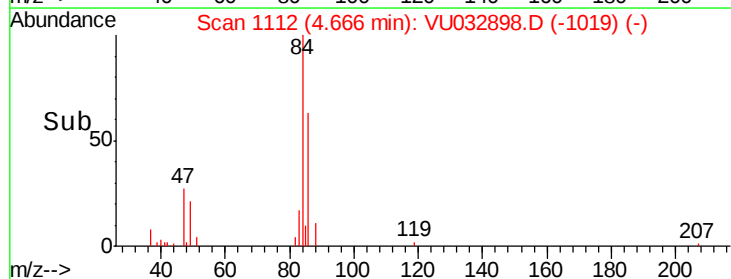
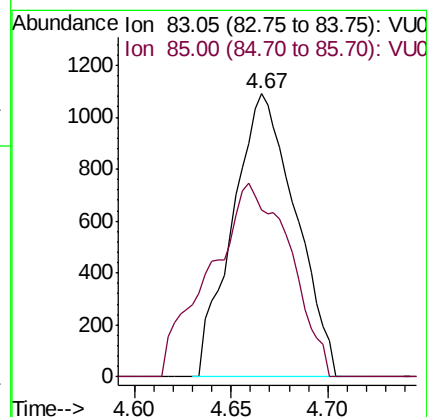
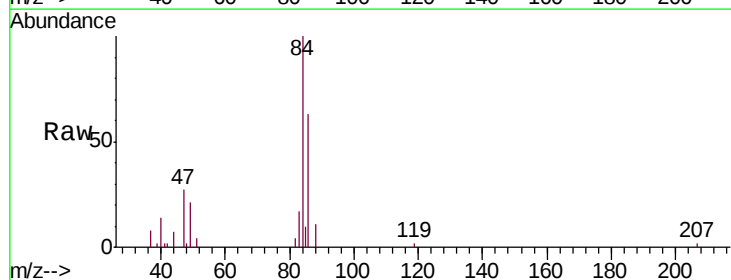
Acq: 20 Jun 2019 13:26

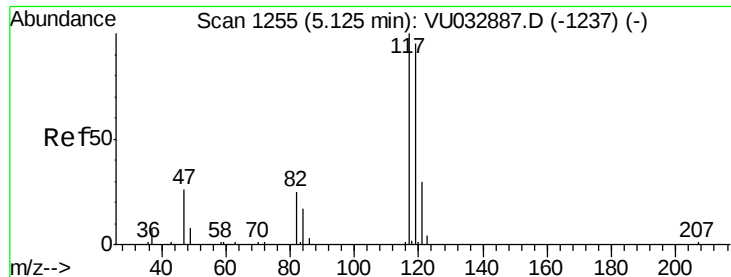
Tgt Ion: 83 Resp: 2464

Ion Ratio Lower Upper

83 100

85 58.8 43.8 81.3





#31

Carbon tetrachloride

Concen: 33.716 ug/L

RT: 5.13 min Scan# 1255

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

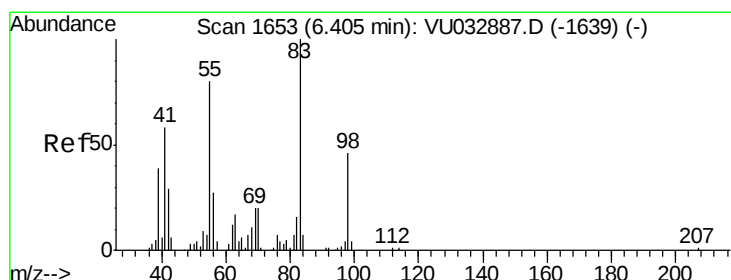
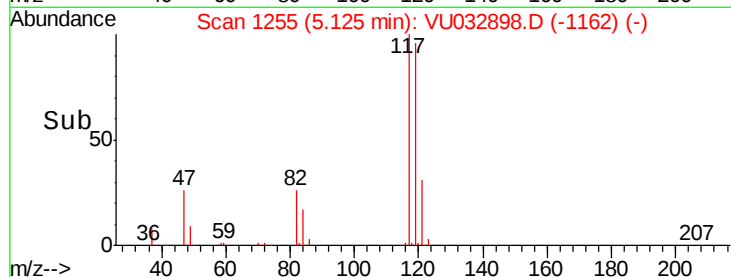
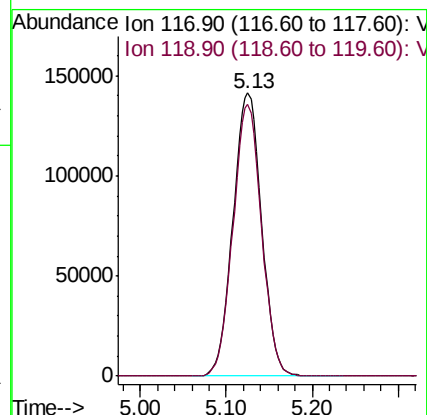
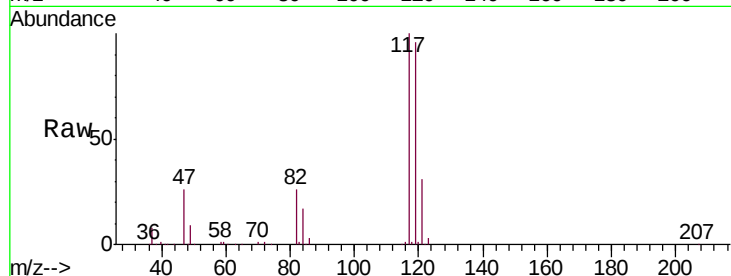
GALN3

Tgt Ion:117 Resp: 326124

Ion Ratio Lower Upper

117 100

119 95.7 77.8 116.6



#35

Methylcyclohexane

Concen: 0.648 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.08 min

Lab File: VU032898.D

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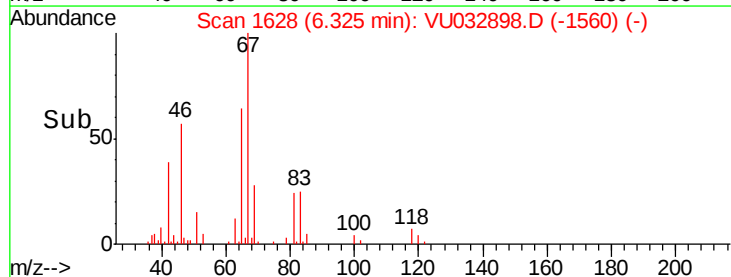
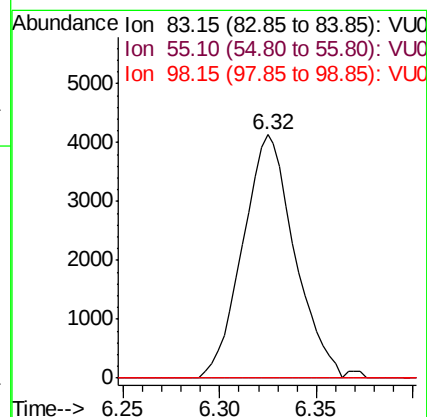
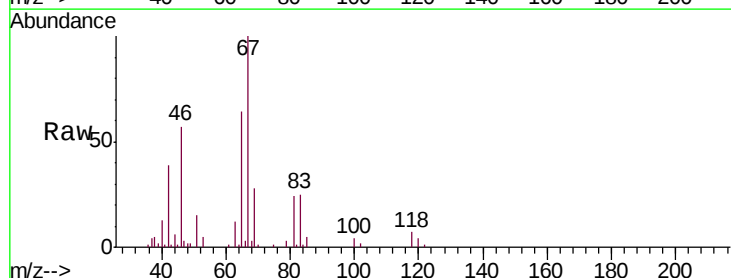
Tgt Ion: 83 Resp: 7712

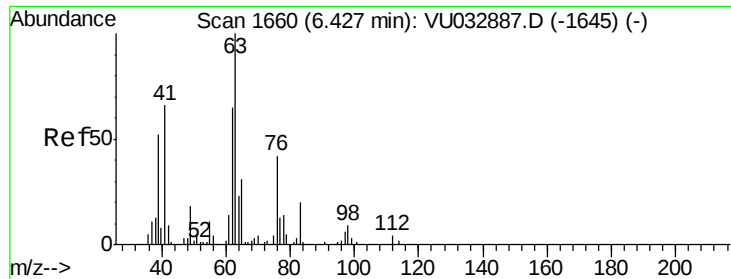
Ion Ratio Lower Upper

83 100

55 0.0 60.0 90.0#

98 2.3 37.8 56.8#





#37

1,2-Dichloropropane

Concen: 0.613 ug/L

RT: 6.33 min Scan# 1629

Delta R.T. -0.10 min

Lab File: VU032898.D

Acq: 20 Jun 2019 13:26

Instrument :

MSVOA_U

ClientSampleId :

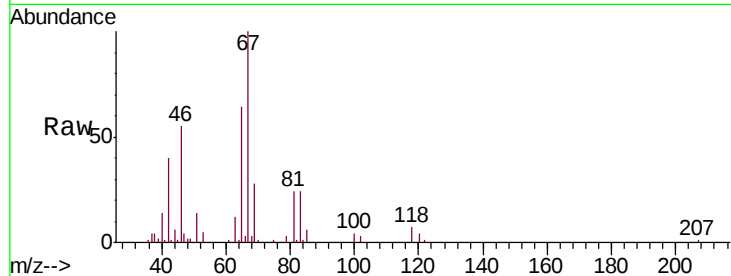
GALN3

Tgt Ion: 63 Resp: 4083

Ion Ratio Lower Upper

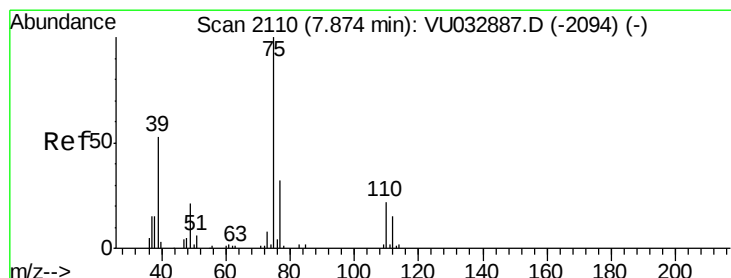
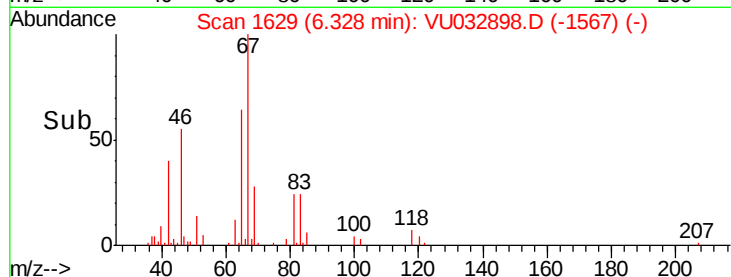
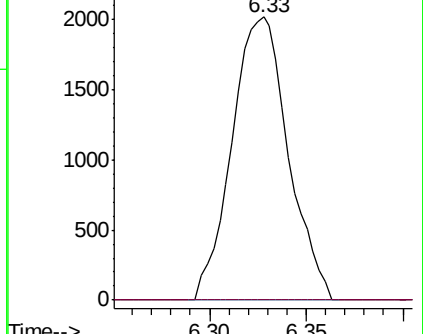
63 100

112 0.0 2.9 4.3#



Abundance Ion 63.10 (62.80 to 63.80): VU032898.D (-1629) (-)

Ion 112.10 (111.80 to 112.80): VU032898.D (-1629) (-)



#44

trans-1,3-Dichloropropene

Concen: 0.091 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU032898.D

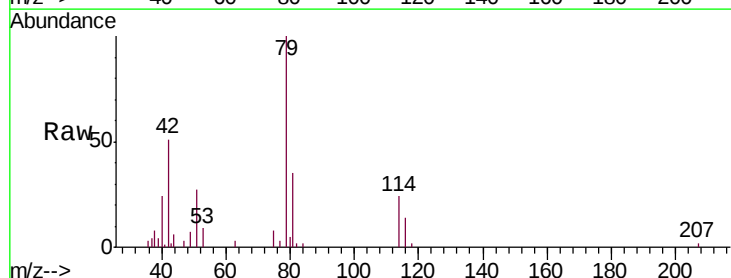
Acq: 20 Jun 2019 13:26

Tgt Ion: 75 Resp: 746

Ion Ratio Lower Upper

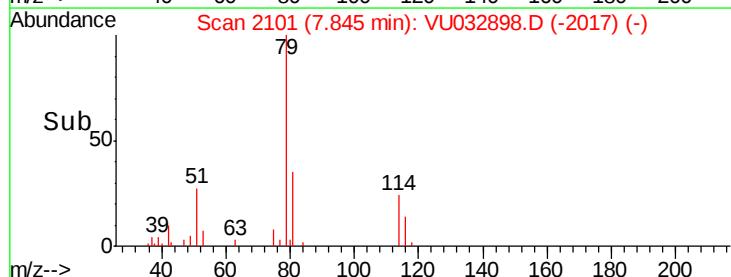
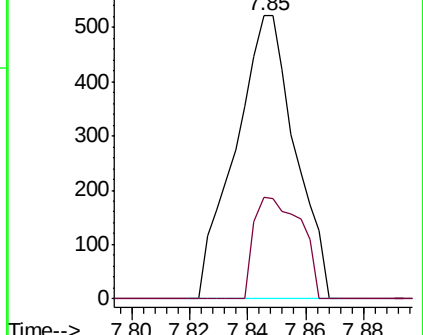
75 100

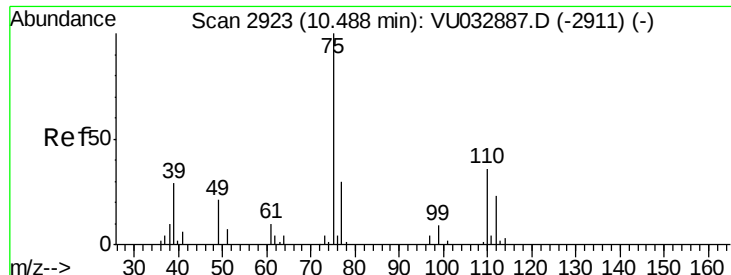
77 35.8 22.5 41.7



Abundance Ion 75.05 (74.75 to 75.75): VU032898.D (-2101) (-)

Ion 77.05 (76.75 to 77.75): VU032898.D (-2101) (-)





#59

1,2,3-Trichloropropane

Concen: 1.332 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU032898.D

Acq: 20 Jun 2019 13:26

Instrument :

MSVOA_U

ClientSampleId :

GALN3

Tgt Ion: 75 Resp: 5827

Ion Ratio Lower Upper

75 100

77 39.4 25.3 37.9#

