

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061919\
 Data File : VU032855.D
 Acq On : 19 Jun 2019 13:59
 Operator : JC/SP
 Sample : K3413-25
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GALH1

Quant Time: Jun 20 05:18:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jun 20 05:14:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	92063	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	89904	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	47315	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	28106	4.70	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.00%
7) Chloroethane-d5	1.68	69	23575	4.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.20%
11) 1,1-Dichloroethene-d2	2.27	63	45053	3.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.20%
20) 2-Butanone-d5	4.18	46	97019	58.08	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.16%
24) Chloroform-d	4.64	84	57821	5.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.80%
26) 1,2-Dichloroethane-d4	5.30	65	34245	6.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	122.20%
32) Benzene-d6	5.33	84	110760	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.20%
36) 1,2-Dichloropropane-d6	6.32	67	36515	5.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.00%
41) Toluene-d8	7.56	98	100466	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.20%
43) trans-1,3-Dichloropropene-	7.85	79	15110	5.13	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.60%
46) 2-Hexanone-d5	8.31	63	70363	47.70	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.40%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	31484	5.42	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.40%
64) 1,2-Dichlorobenzene-d4	11.86	152	43532	5.11	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.20%

Target Compounds

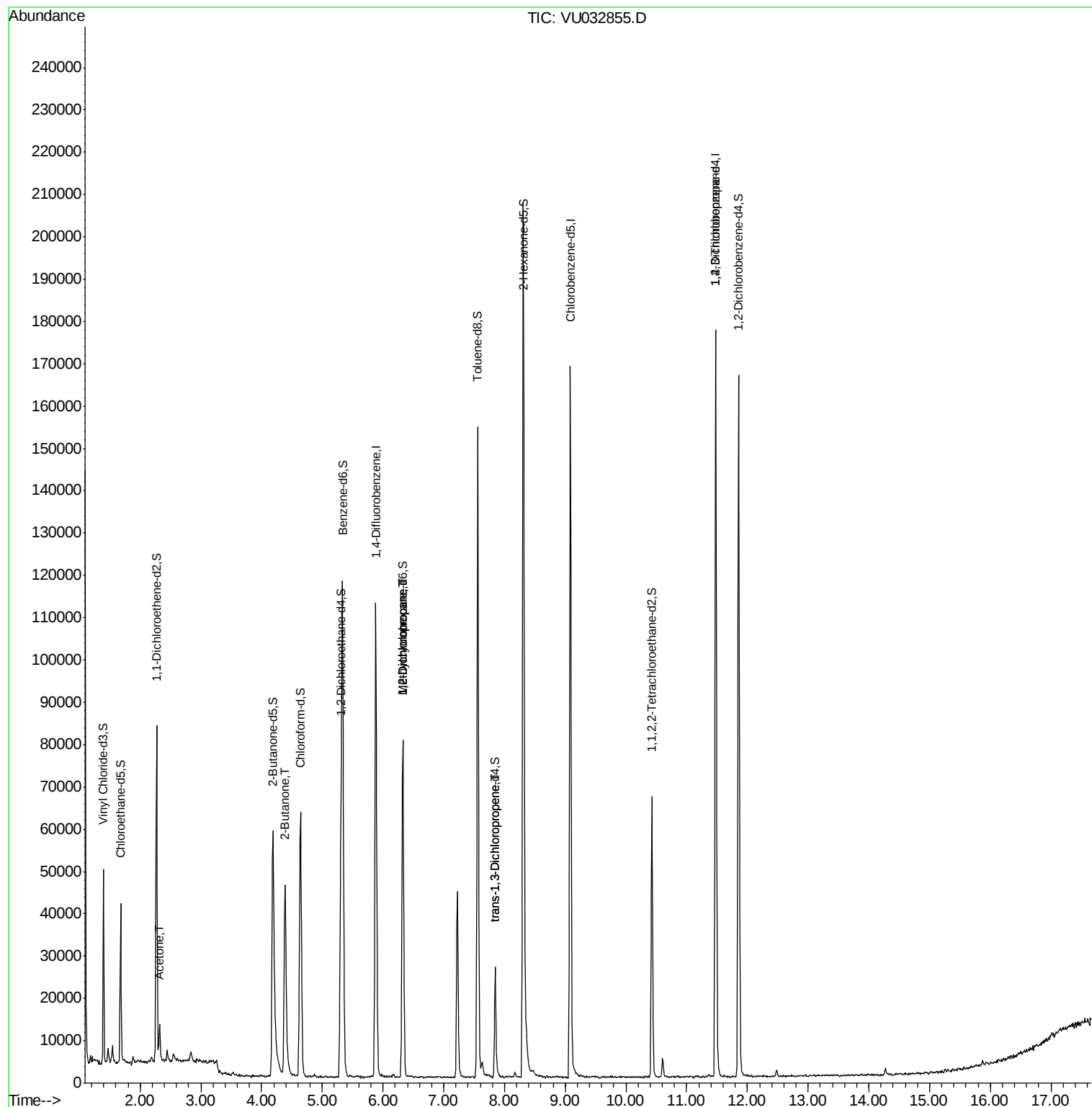
					Qvalue
13) Acetone	2.32	43	8670	6.687 ug/L	95
21) 2-Butanone	4.39	43	67449	35.769 ug/L #	49
35) Methylcyclohexane	6.32	83	8575	0.699 ug/L #	19
37) 1,2-Dichloropropane	6.32	63	4374	0.638 ug/L #	89
44) trans-1,3-Dichloropropene	7.85	75	767	0.091 ug/L #	82
59) 1,2,3-Trichloropropane	11.48	75	5631	1.250 ug/L #	86

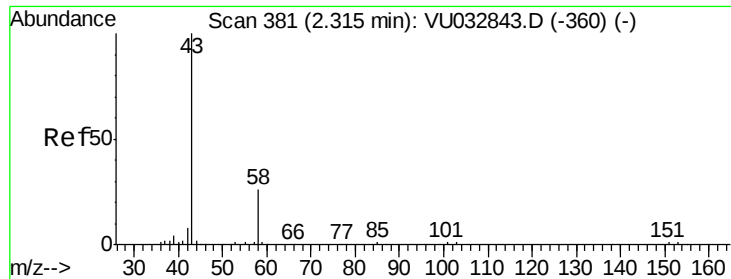
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 6.687 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU032855.D

Acq: 19 Jun 2019 13:59

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MSVOA_U

ClientSampleId :

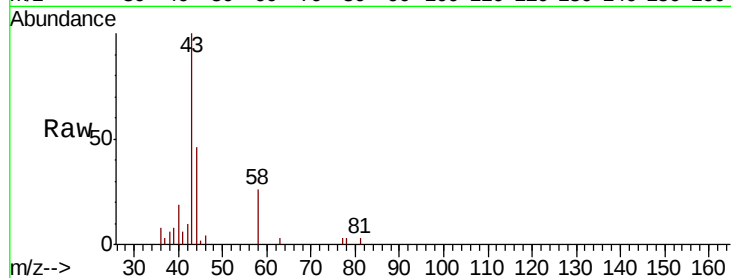
GALH1

Tgt Ion: 43 Resp: 8670

Ion Ratio Lower Upper

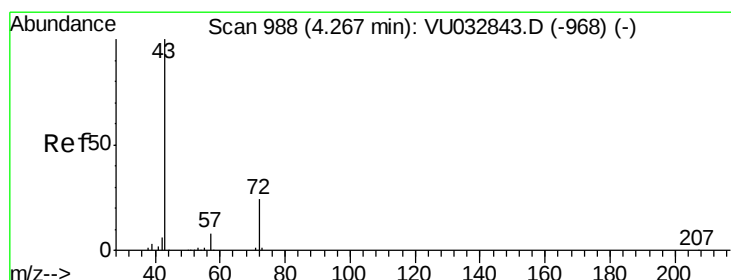
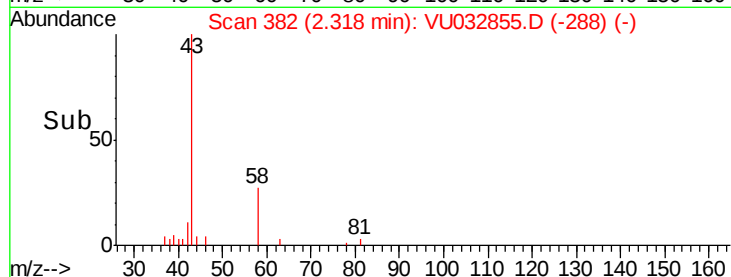
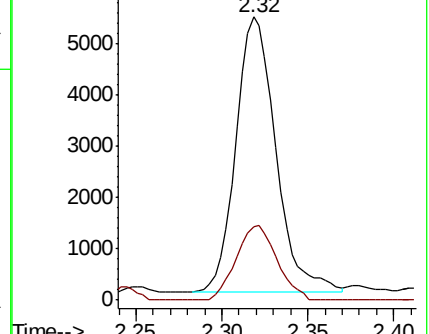
43 100

58 27.6 0.0 60.8



Abundance Ion 43.05 (42.75 to 43.75): VU032843.D (-360) (-)

Ion 58.05 (57.75 to 58.75): VU032843.D (-360) (-)



#21

2-Butanone

Concen: 35.769 ug/L

RT: 4.39 min Scan# 1025

Delta R.T. 0.12 min

Lab File: VU032855.D

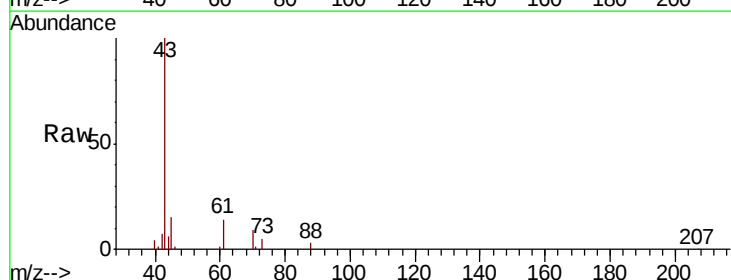
Acq: 19 Jun 2019 13:59

Tgt Ion: 43 Resp: 67449

Ion Ratio Lower Upper

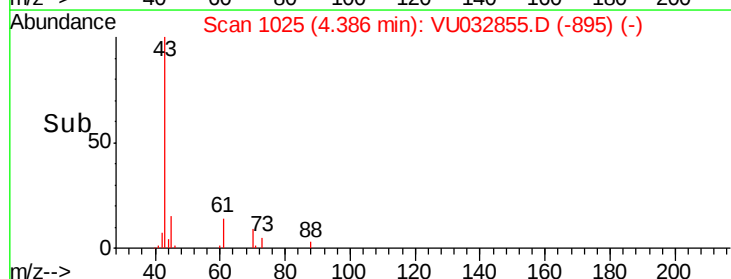
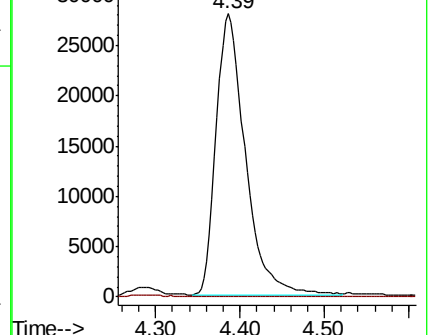
43 100

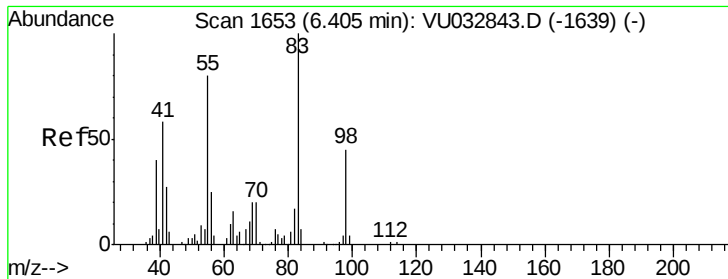
72 0.1 13.1 39.3#



Abundance Ion 43.05 (42.75 to 43.75): VU032843.D (-968) (-)

Ion 72.10 (71.80 to 72.80): VU032843.D (-968) (-)

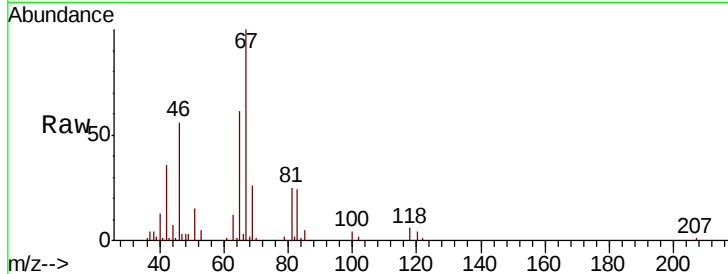




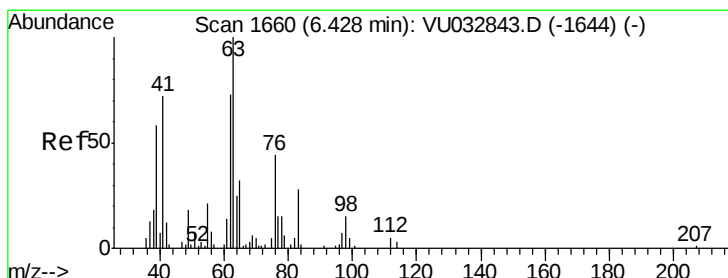
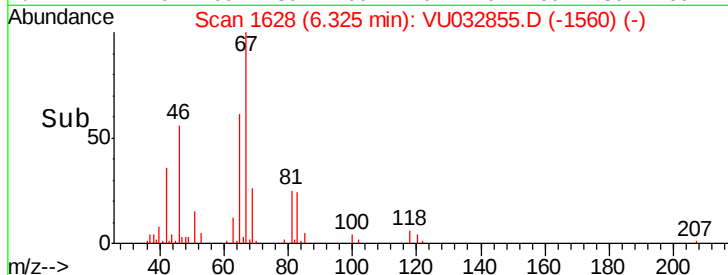
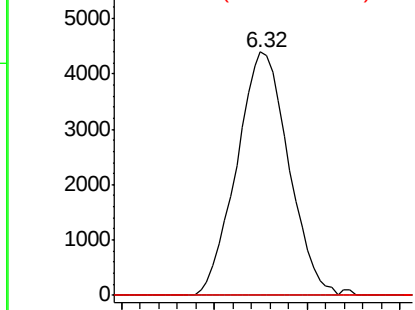
#35
Methylcyclohexane
Concen: 0.699 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.08 min
Lab File: VU032855.D
Acq: 19 Jun 2019 13:59

Instrument :
MSVOA_U
ClientSampleId :
GALH1

Tgt Ion: 83 Resp: 8575
Ion Ratio Lower Upper
83 100
55 0.0 60.0 90.0#
98 0.0 37.8 56.8#

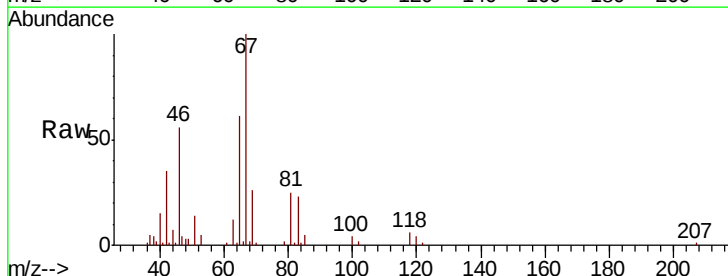


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

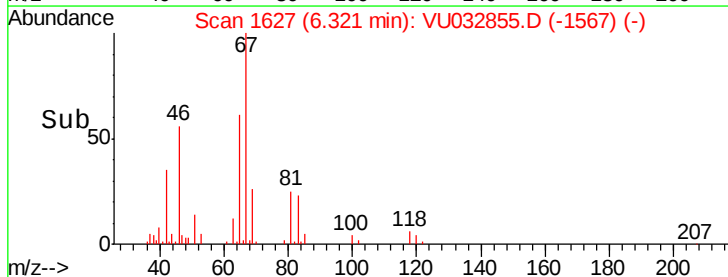
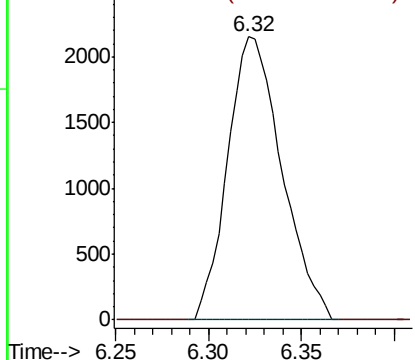


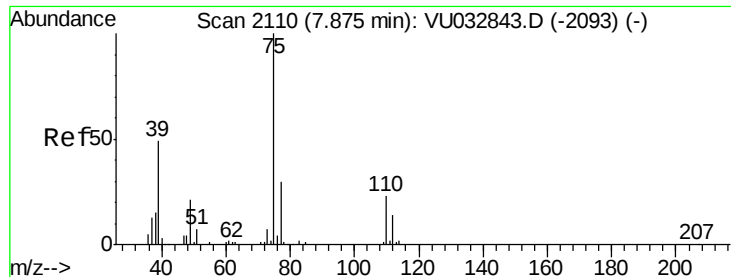
#37
1,2-Dichloropropane
Concen: 0.638 ug/L
RT: 6.32 min Scan# 1627
Delta R.T. -0.11 min
Lab File: VU032855.D
Acq: 19 Jun 2019 13:59

Tgt Ion: 63 Resp: 4374
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





#44

trans-1,3-Dichloropropene

Concen: 0.091 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU032855.D

Acq: 19 Jun 2019 13:59

Instrument :

MSVOA_U

ClientSampleId :

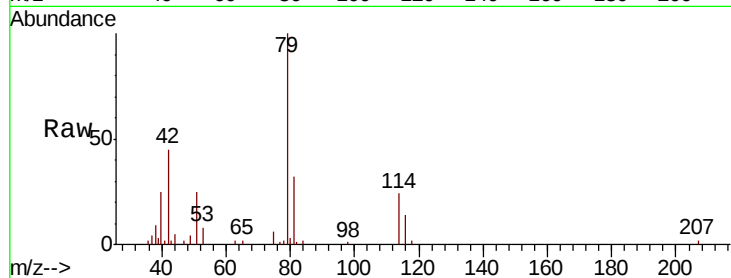
GALH1

Tgt Ion: 75 Resp: 767

Ion Ratio Lower Upper

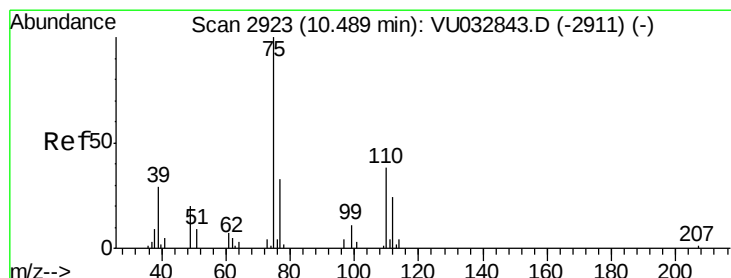
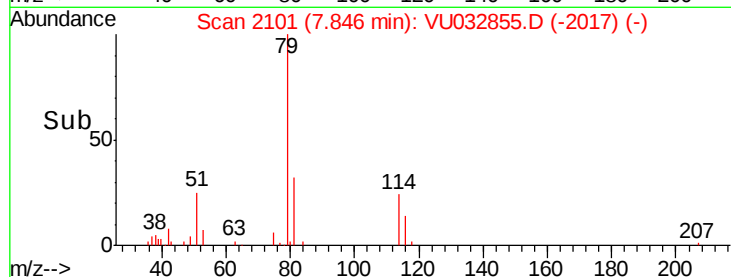
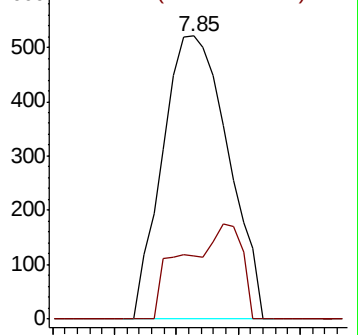
75 100

77 22.1 22.5 41.7#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0



#59

1,2,3-Trichloropropane

Concen: 1.250 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU032855.D

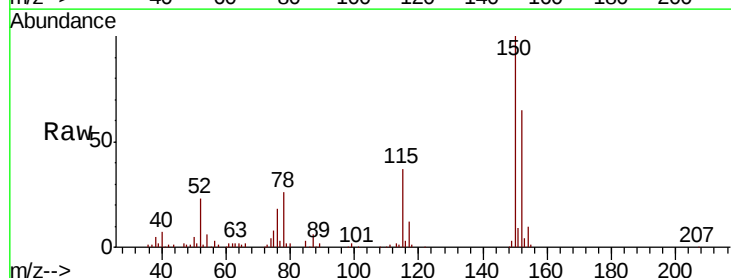
Acq: 19 Jun 2019 13:59

Tgt Ion: 75 Resp: 5631

Ion Ratio Lower Upper

75 100

77 39.1 25.3 37.9#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

