

Data File : VU032891.D
Acq On : 20 Jun 2019 10:37
Operator : JC/SP
Sample : K3414-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GALM6

Quant Time: Jun 21 05:31:12 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	90738	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	87535	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	45152	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	24398	4.14	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.80%
7) Chloroethane-d5	1.68	69	22536	4.47	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.40%
11) 1,1-Dichloroethene-d2	2.27	63	41630	3.48	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.60%
20) 2-Butanone-d5	4.18	46	100205	60.86	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.72%
24) Chloroform-d	4.64	84	58221	5.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.00%
26) 1,2-Dichloroethane-d4	5.31	65	34196	6.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	123.80%
32) Benzene-d6	5.33	84	108791	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.00%
36) 1,2-Dichloropropane-d6	6.32	67	36415	5.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.60%
41) Toluene-d8	7.56	98	98125	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.60%
43) trans-1,3-Dichloropropene-	7.85	79	15001	5.23	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	104.60%
46) 2-Hexanone-d5	8.31	63	73796	51.38	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.76%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	32304	5.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	114.20%
64) 1,2-Dichlorobenzene-d4	11.85	152	41467	5.11	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.20%

Target Compounds

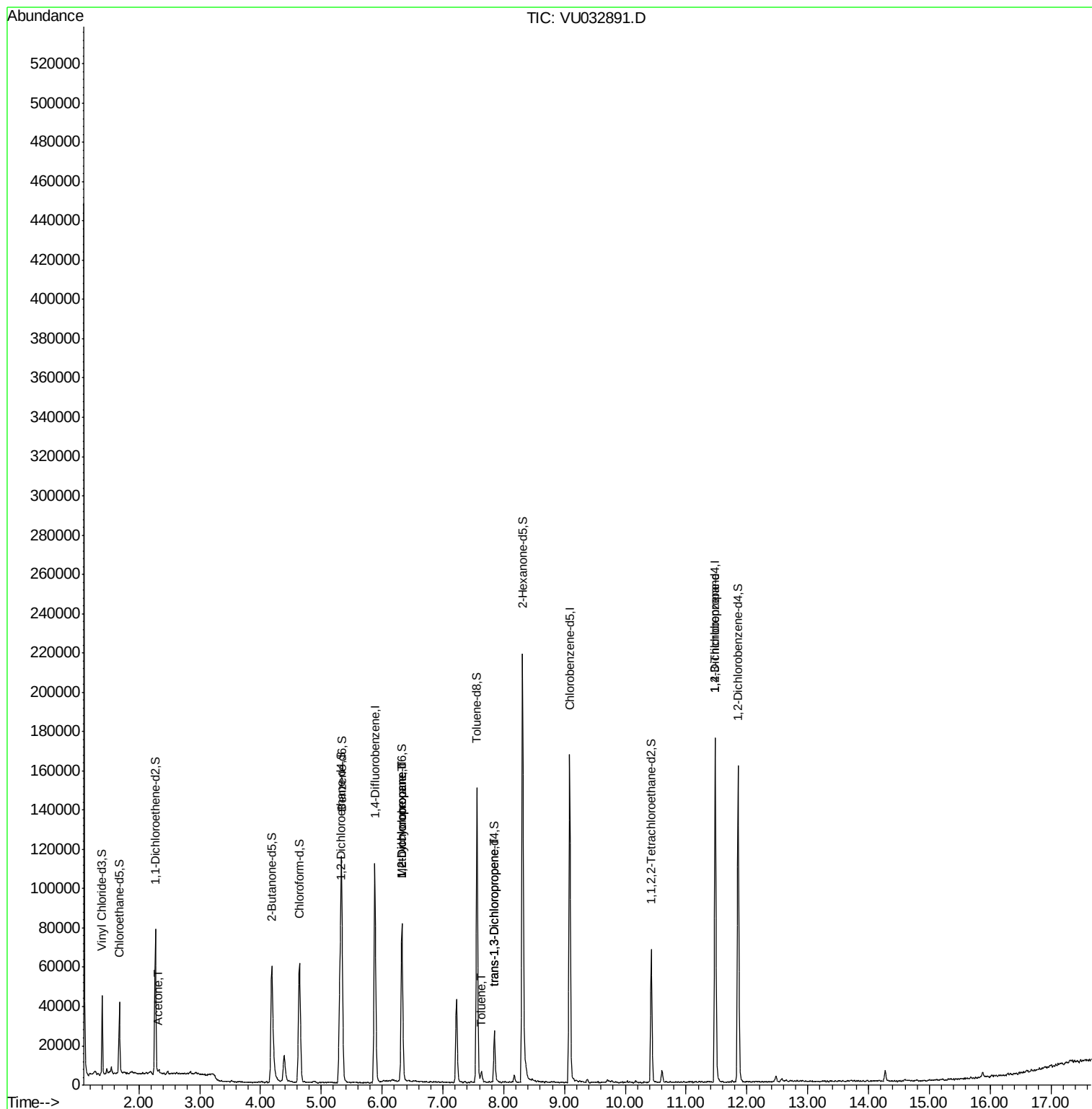
					Qvalue
13) Acetone	2.32	43	1319	1.032 ug/L	88
35) Methylcyclohexane	6.32	83	8291	0.694 ug/L #	19
37) 1,2-Dichloropropane	6.33	63	4211	0.631 ug/L #	89
42) Toluene	7.64	91	3963	0.138 ug/L	88
44) trans-1,3-Dichloropropene	7.85	75	711	0.087 ug/L #	59
59) 1,2,3-Trichloropropane	11.48	75	5833	1.330 ug/L #	87

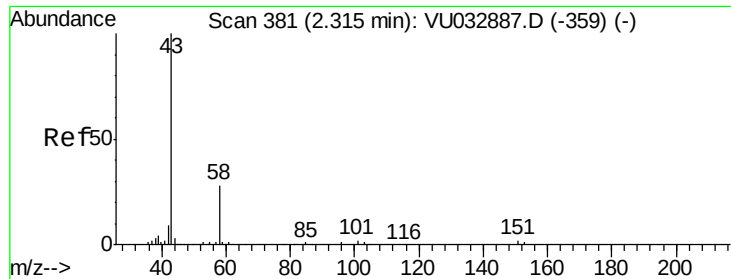
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.032 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

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Acq: 20 Jun 2019 10:37

Instrument :

MSVOA_U

ClientSampleId :

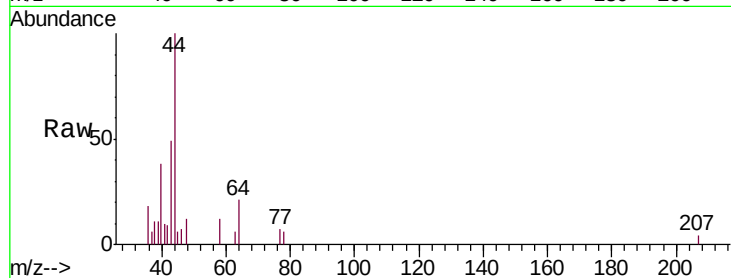
GALM6

Tgt Ion: 43 Resp: 1319

Ion Ratio Lower Upper

43 100

58 37.1 0.0 60.8



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

2.32

1200

1000

800

600

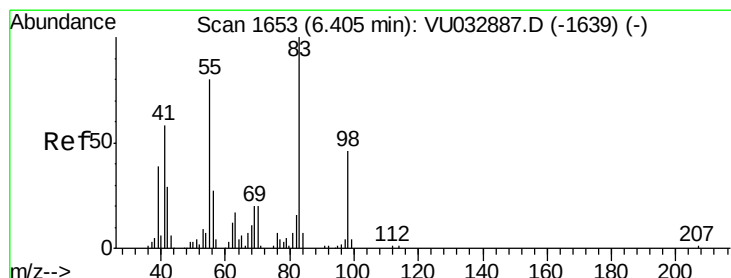
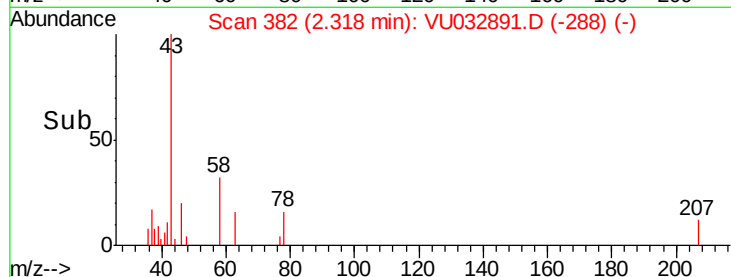
400

200

0

Time-->

2.30 2.35



#35

Methylcyclohexane

Concen: 0.694 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.08 min

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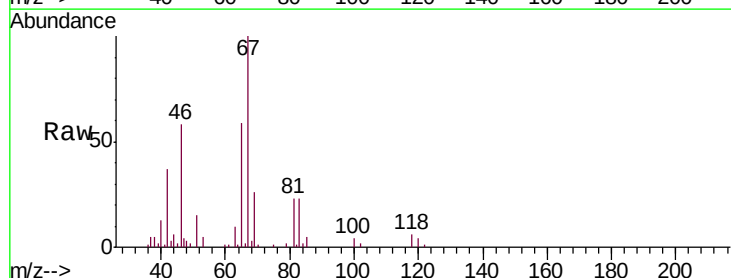
Tgt Ion: 83 Resp: 8291

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

6.32

5000

4000

3000

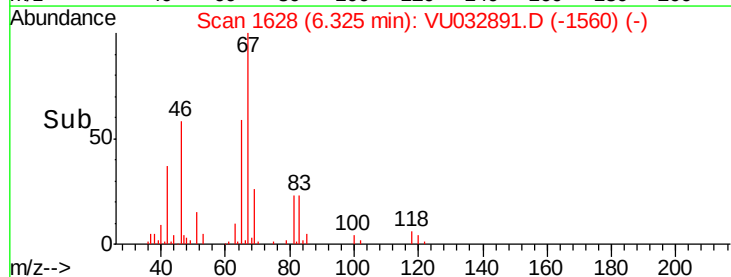
2000

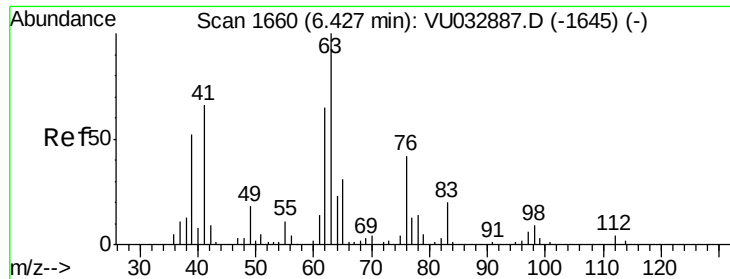
1000

0

Time-->

6.25 6.30 6.35

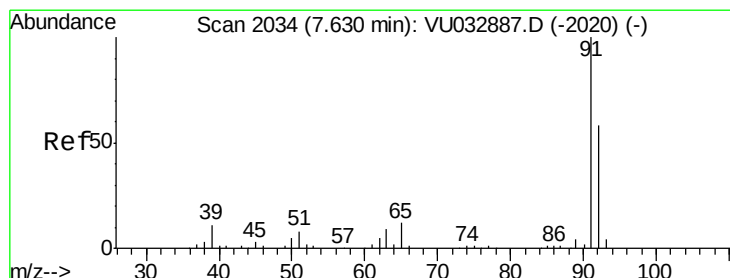
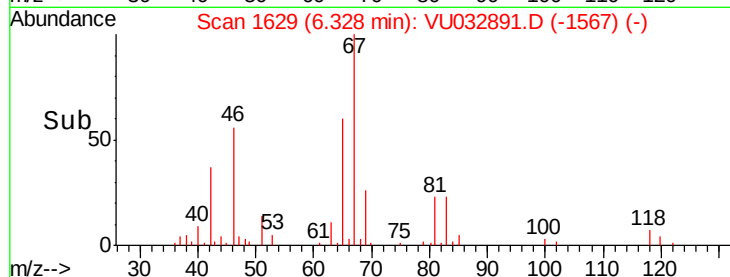
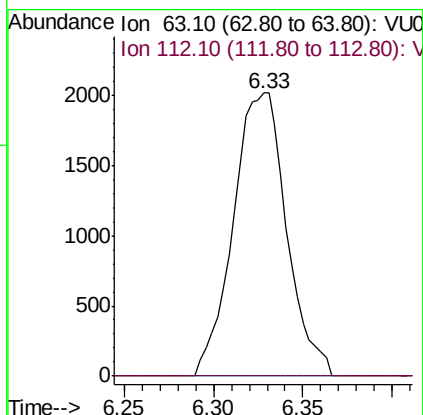
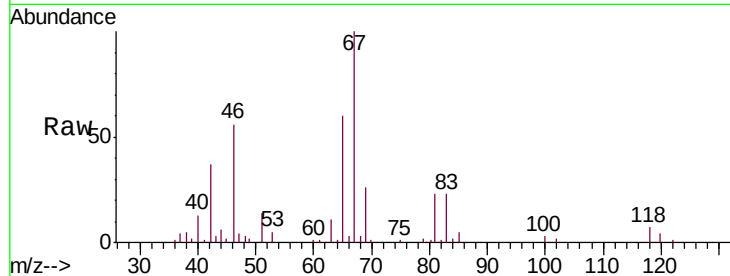




#37
 1,2-Dichloropropane
 Concen: 0.631 ug/L
 RT: 6.33 min Scan# 1629
 Delta R.T. -0.10 min
 Lab File: VU032891.D
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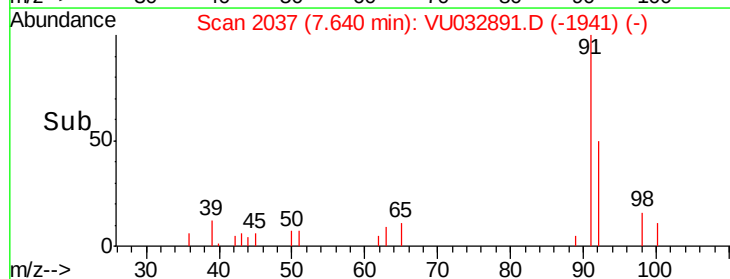
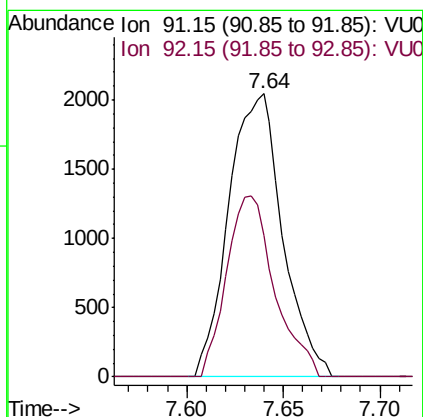
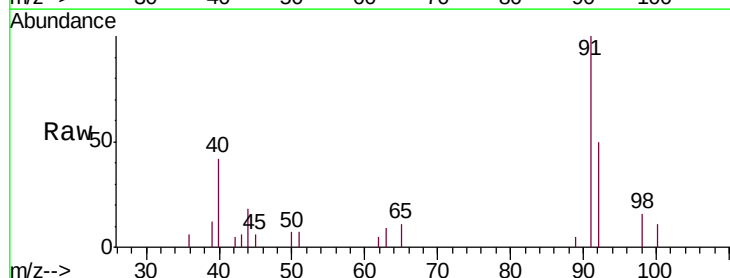
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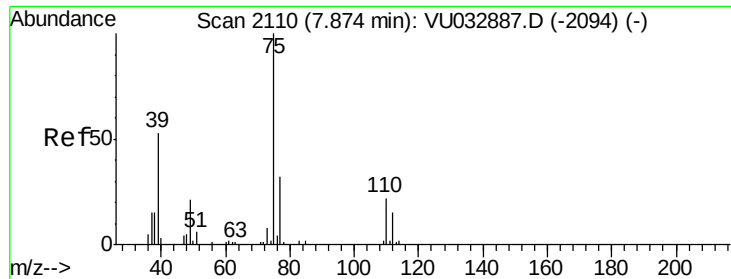
Tgt Ion: 63 Resp: 4211
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.9 4.3#



#42
 Toluene
 Concen: 0.138 ug/L
 RT: 7.64 min Scan# 2037
 Delta R.T. 0.01 min
 Lab File: VU032891.D
 Acq: 20 Jun 2019 10:37

Tgt Ion: 91 Resp: 3963
 Ion Ratio Lower Upper
 91 100
 92 49.8 40.9 75.9





#44

trans-1,3-Dichloropropene

Concen: 0.087 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU032891.D

Acq: 20 Jun 2019 10:37

Instrument :

MSVOA_U

ClientSampleId :

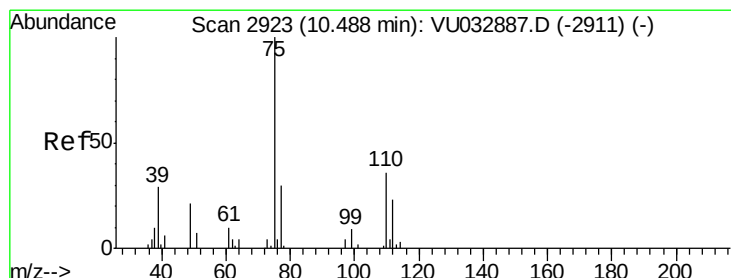
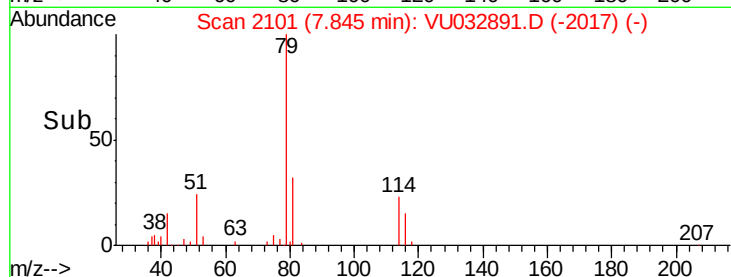
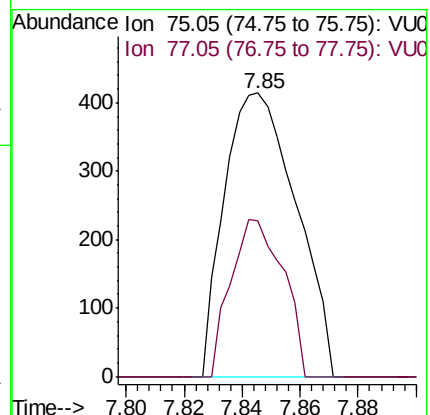
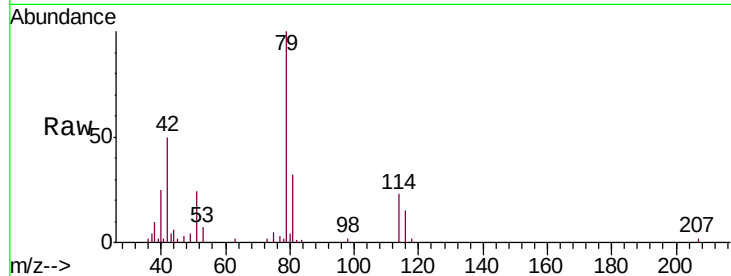
GALM6

Tgt Ion: 75 Resp: 711

Ion Ratio Lower Upper

75 100

77 54.8 22.5 41.7#



#59

1,2,3-Trichloropropane

Concen: 1.330 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU032891.D

Acq: 20 Jun 2019 10:37

Tgt Ion: 75 Resp: 5833

Ion Ratio Lower Upper

75 100

77 38.9 25.3 37.9#

