

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061919\
 Data File : VU032880.D
 Acq On : 20 Jun 2019 00:07
 Operator : JC/SP
 Sample : K3414-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GALM2

Quant Time: Jun 20 07:30:04 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	94872	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	92867	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	47747	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	26199	4.25	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.00%
7) Chloroethane-d5	1.68	69	23881	4.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.60%
11) 1,1-Dichloroethene-d2	2.27	63	43638	3.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.80%
20) 2-Butanone-d5	4.19	46	99797	57.97	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.94%
24) Chloroform-d	4.64	84	60022	5.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.60%
26) 1,2-Dichloroethane-d4	5.30	65	35781	6.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	124.00%
32) Benzene-d6	5.33	84	112987	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
36) 1,2-Dichloropropane-d6	6.32	67	38088	5.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.00%
41) Toluene-d8	7.56	98	101768	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.40%
43) trans-1,3-Dichloropropene-	7.85	79	14506	4.77	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.40%
46) 2-Hexanone-d5	8.31	63	76528	50.22	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.44%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	33400	5.57	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.40%
64) 1,2-Dichlorobenzene-d4	11.85	152	44679	5.20	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.00%

Target Compounds

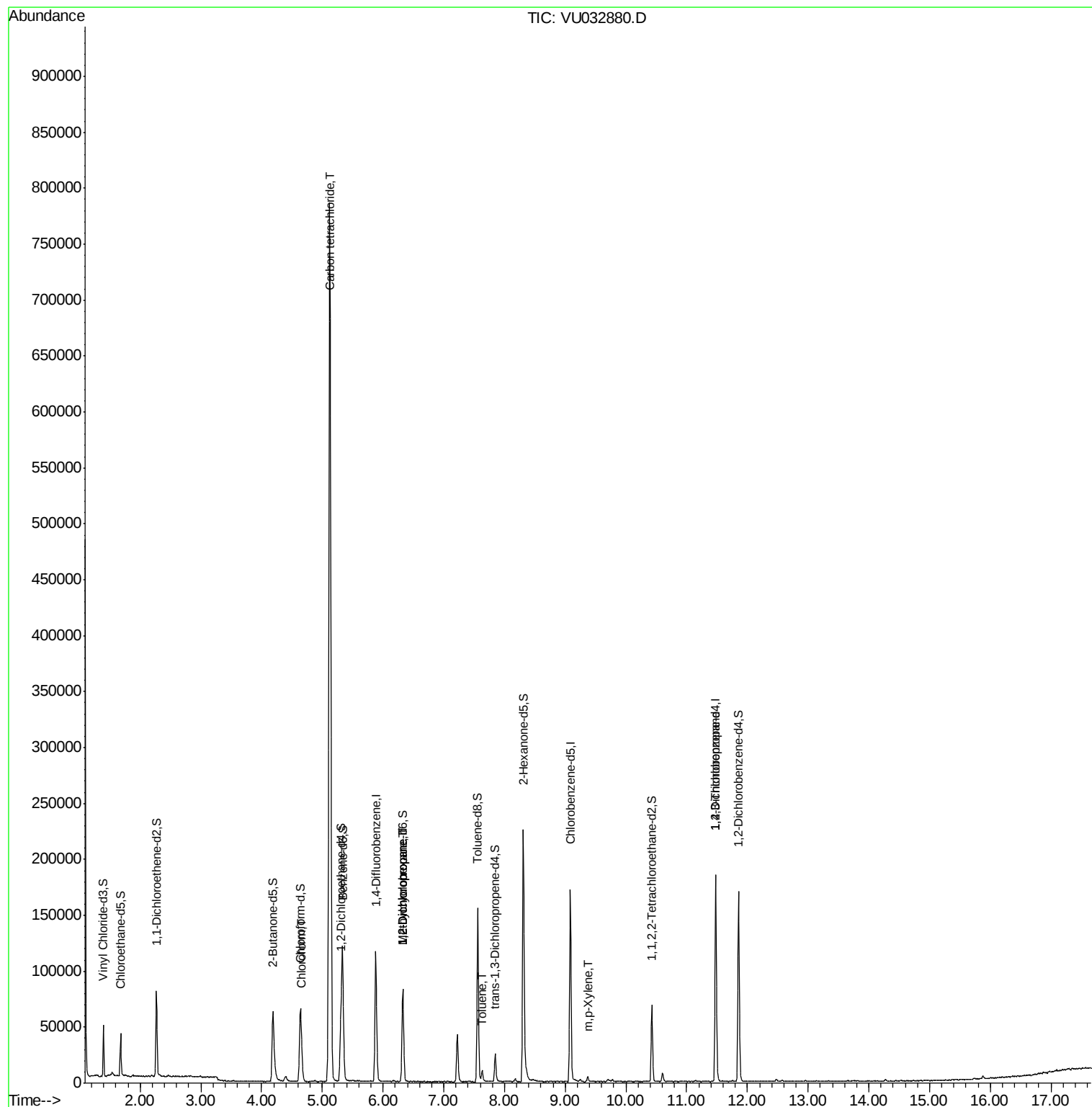
					Qvalue
25) Chloroform	4.67	83	8379	0.705 ug/L	96
31) Carbon tetrachloride	5.13	117	546996	53.163 ug/L	98
35) Methylcyclohexane	6.32	83	8848	0.699 ug/L #	19
37) 1,2-Dichloropropane	6.32	63	4543	0.641 ug/L #	89
42) Toluene	7.64	91	7396	0.242 ug/L	93
53) m,p-Xylene	9.37	106	1438	0.113 ug/L	82
59) 1,2,3-Trichloropropane	11.48	75	6592	1.417 ug/L	93

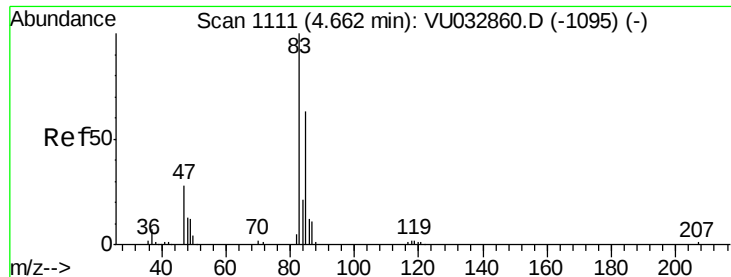
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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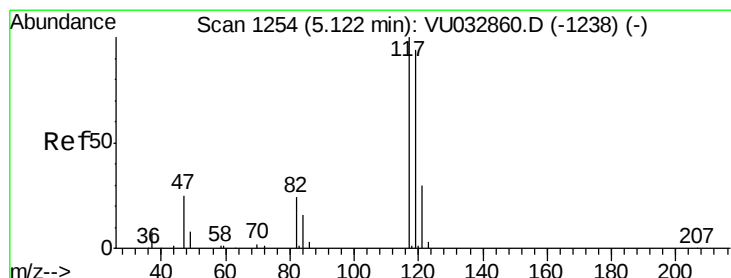
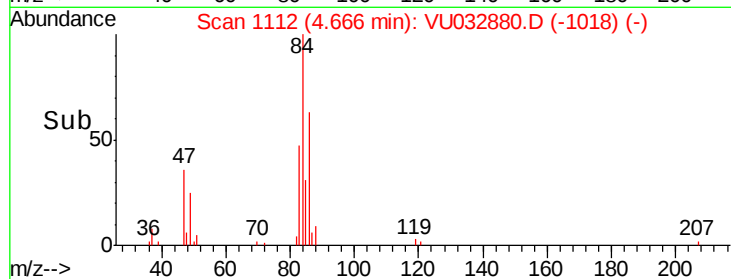
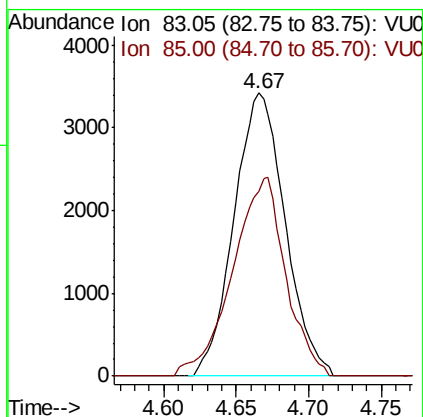
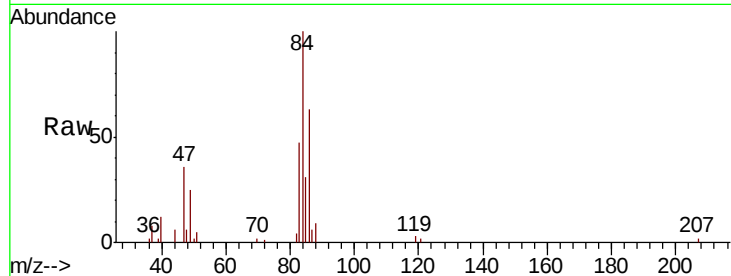




#25
Chloroform
Concen: 0.705 ug/L
RT: 4.67 min Scan# 1112
Delta R.T. 0.00 min
Lab File: VU032880.D
Acq: 20 Jun 2019 00:07

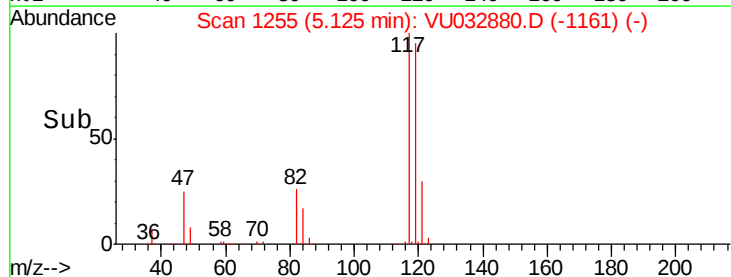
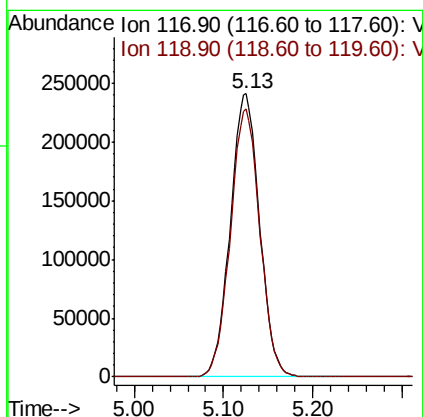
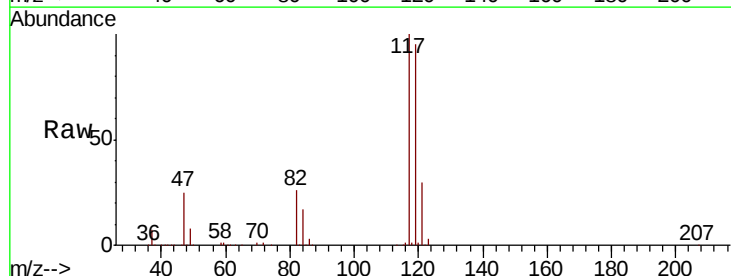
Instrument :
MSVOA_U
ClientSampleId :
GALM2

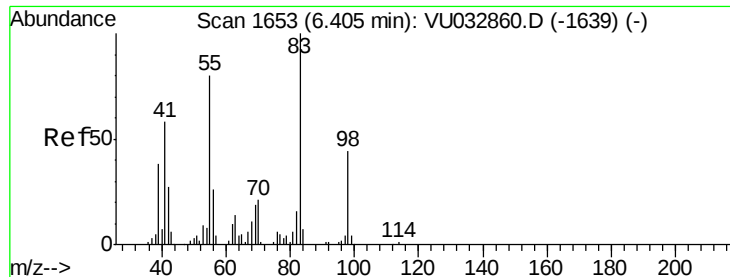
Tgt Ion: 83 Resp: 8379
Ion Ratio Lower Upper
83 100
85 65.5 43.8 81.3



#31
Carbon tetrachloride
Concen: 53.163 ug/L
RT: 5.13 min Scan# 1255
Delta R.T. 0.00 min
Lab File: VU032880.D
Acq: 20 Jun 2019 00:07

Tgt Ion: 117 Resp: 546996
Ion Ratio Lower Upper
117 100
119 95.2 77.8 116.6

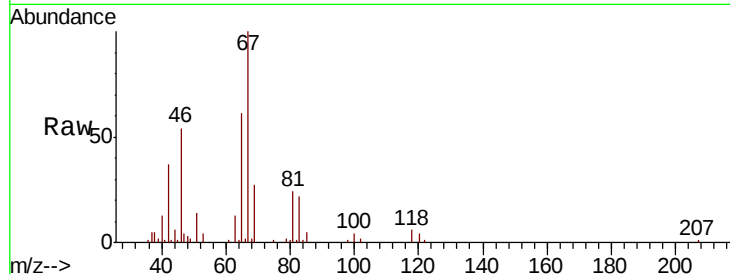




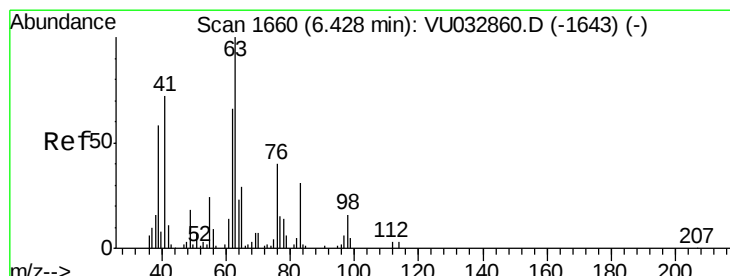
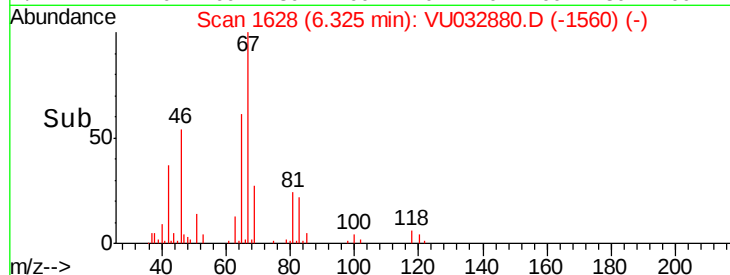
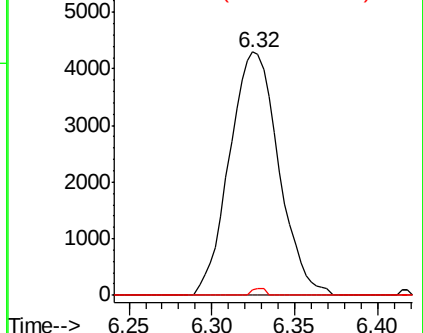
#35
Methylcyclohexane
Concen: 0.699 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.08 min
Lab File: VU032880.D
Acq: 20 Jun 2019 00:07

Instrument :
MSVOA_U
ClientSampleId :
GALM2

Tgt Ion: 83 Resp: 8848
Ion Ratio Lower Upper
83 100
55 0.0 60.0 90.0#
98 0.8 37.8 56.8#

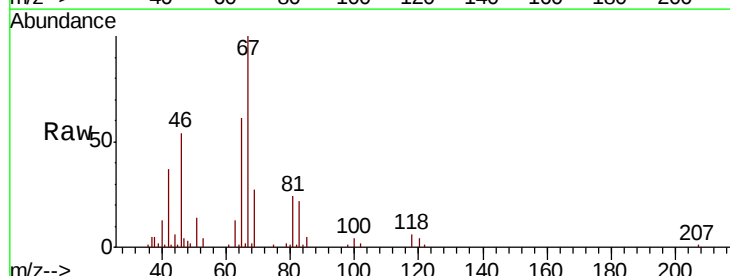


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

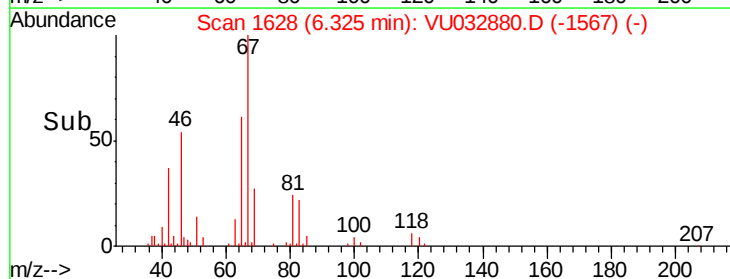
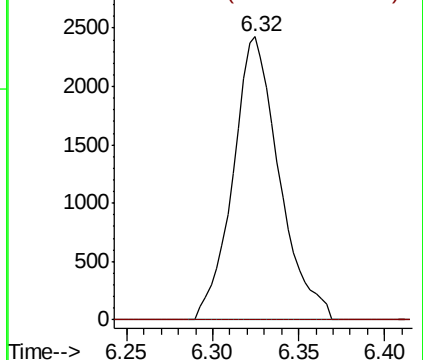


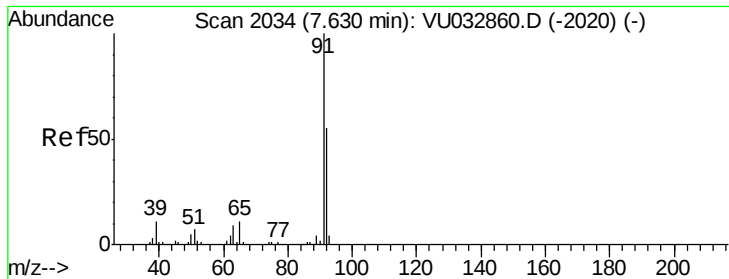
#37
1,2-Dichloropropane
Concen: 0.641 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VU032880.D
Acq: 20 Jun 2019 00:07

Tgt Ion: 63 Resp: 4543
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





#42

Toluene

Concen: 0.242 ug/L

RT: 7.64 min Scan# 2036

Delta R.T. 0.01 min

Lab File: VU032880.D

Acq: 20 Jun 2019 00:07

Instrument :

MSVOA_U

ClientSampleId :

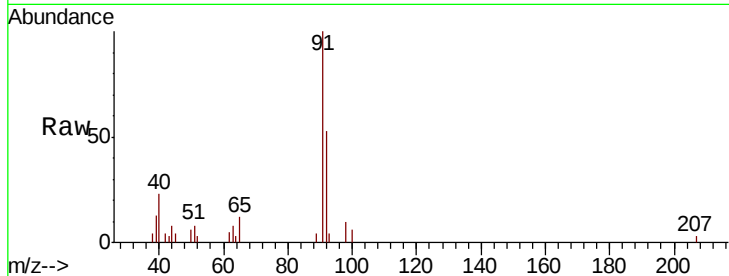
GALM2

Tgt Ion: 91 Resp: 7396

Ion Ratio Lower Upper

91 100

92 53.5 40.9 75.9



Abundance Ion 91.15 (90.85 to 91.85): VU032880.D (-1941) (-)

Ion 92.15 (91.85 to 92.85): VU032880.D (-1941) (-)

7.64

4000

3000

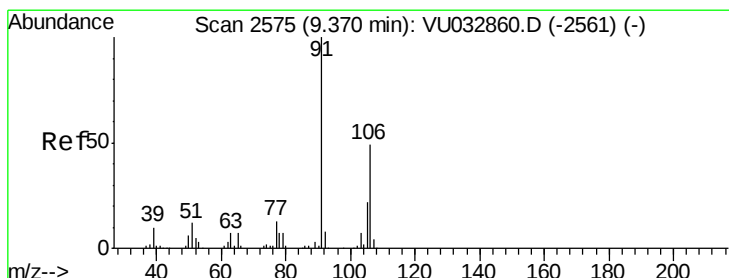
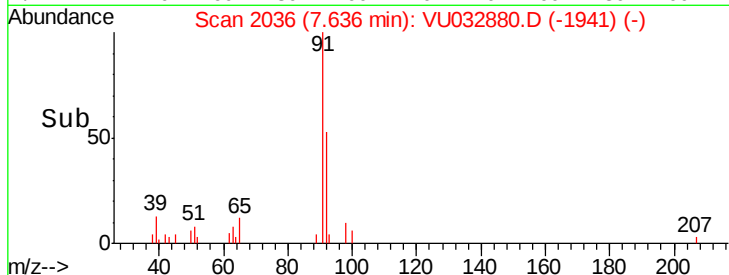
2000

1000

0

7.55 7.60 7.65 7.70

Time-->



#53

m,p-Xylene

Concen: 0.113 ug/L

RT: 9.37 min Scan# 2575

Delta R.T. -0.00 min

Lab File: VU032880.D

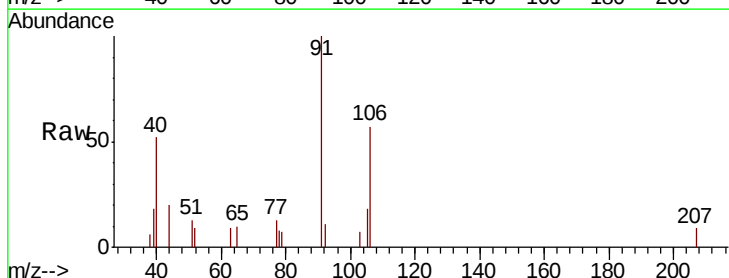
Acq: 20 Jun 2019 00:07

Tgt Ion: 106 Resp: 1438

Ion Ratio Lower Upper

106 100

91 175.7 142.4 264.4



Abundance Ion 106.15 (105.85 to 106.85): VU032880.D (-2482) (-)

Ion 91.15 (90.85 to 91.85): VU032880.D (-2482) (-)

9.37

2000

1500

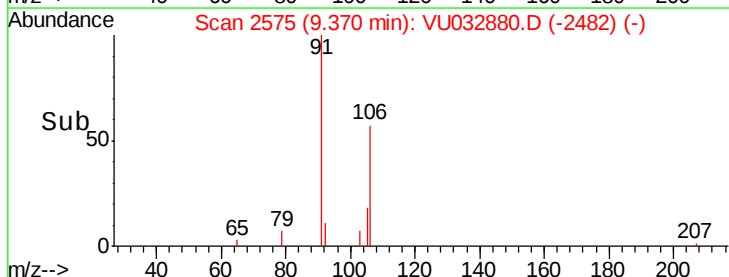
1000

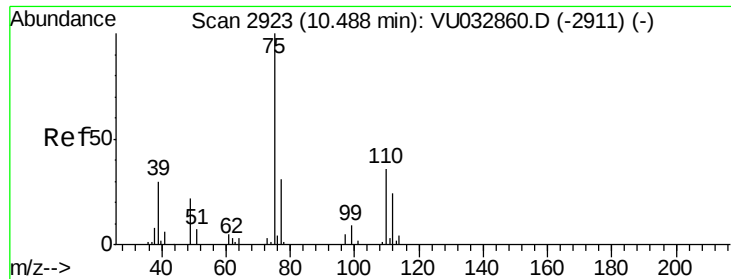
500

0

9.35 9.40

Time-->





#59

1,2,3-Trichloropropane

Concen: 1.417 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU032880.D

Acq: 20 Jun 2019 00:07

Instrument :

MSVOA_U

ClientSampleId :

GALM2

Tgt Ion: 75 Resp: 6592

Ion Ratio Lower Upper

75 100

77 35.8 25.3 37.9

