

Data File : VU032699.D
Acq On : 13 Jun 2019 17:13
Operator : JC/SP
Sample : K3365-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
COM64

Quant Time: Jun 14 07:41:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 14 07:38:22 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	100785	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	96311	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	47948	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	27229	4.16	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.20%
7) Chloroethane-d5	1.67	69	23944	4.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.40%
11) 1,1-Dichloroethene-d2	2.27	63	42409	3.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.80%
20) 2-Butanone-d5	4.18	46	88979	48.65	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.30%
24) Chloroform-d	4.64	84	55259	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.20%
26) 1,2-Dichloroethane-d4	5.31	65	31711	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.40%
32) Benzene-d6	5.33	84	110925	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.60%
36) 1,2-Dichloropropane-d6	6.32	67	35025	4.75	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.00%
41) Toluene-d8	7.56	98	96542	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.20%
43) trans-1,3-Dichloropropene-	7.85	79	13271	4.21	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.20%
46) 2-Hexanone-d5	8.31	63	58745	37.18	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	74.36%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	26827	4.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	40240	4.67	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.40%

Target Compounds

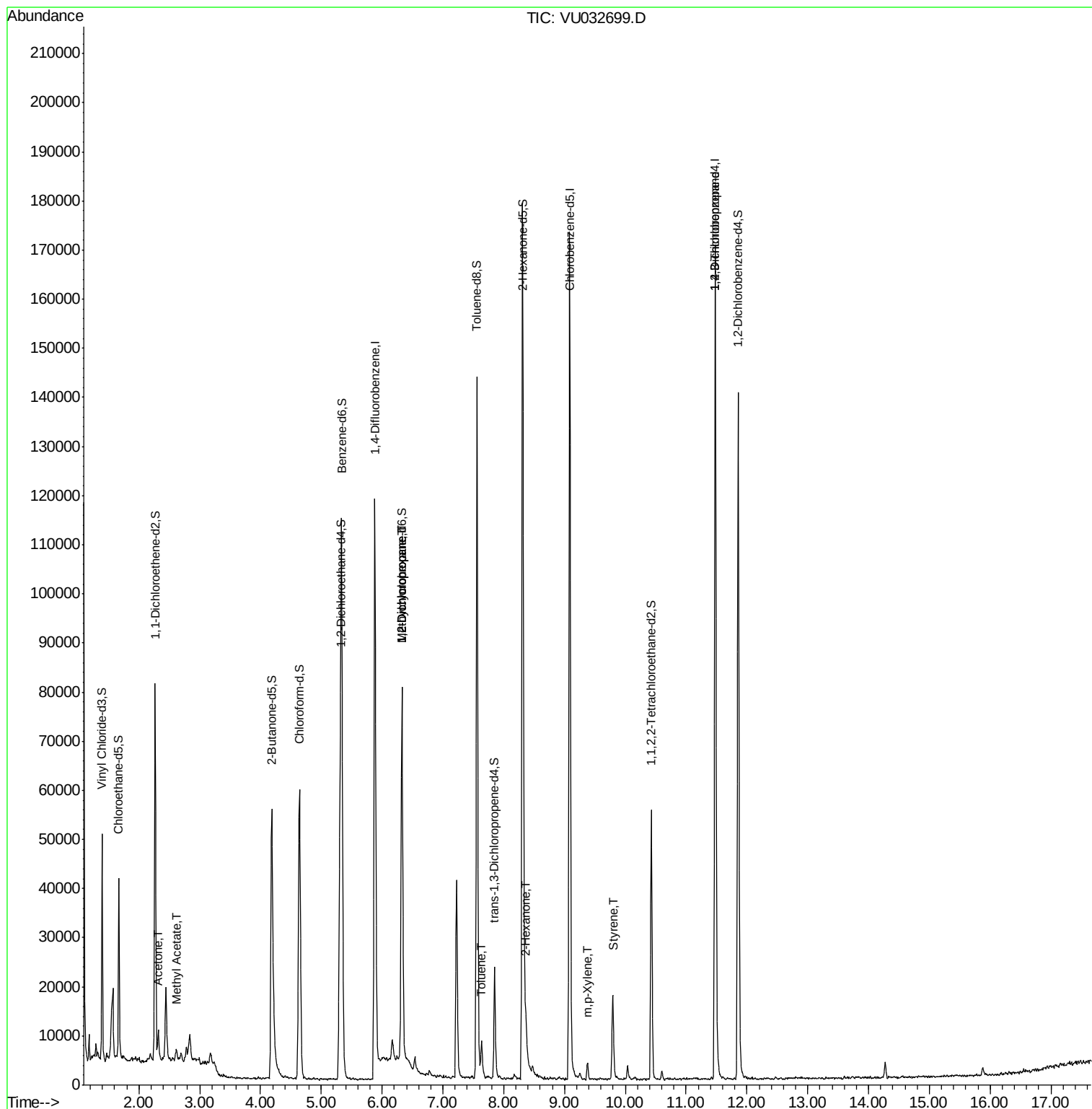
						Qvalue
13) Acetone	2.32	43	5653	3.983	ug/L	94
15) Methyl Acetate	2.62	43	2030	0.521	ug/L	99
35) Methylcyclohexane	6.32	83	8474	0.645	ug/L #	25
37) 1,2-Dichloropropane	6.32	63	3967	0.540	ug/L #	89
42) Toluene	7.64	91	5516	0.174	ug/L	99
48) 2-Hexanone	8.36	43	4356	1.166	ug/L #	86
53) m,p-Xylene	9.38	106	1339	0.101	ug/L	84
55) Styrene	9.79	104	9415	0.434	ug/L	96
59) 1,2,3-Trichloropropane	11.48	75	6072	1.259	ug/L	98

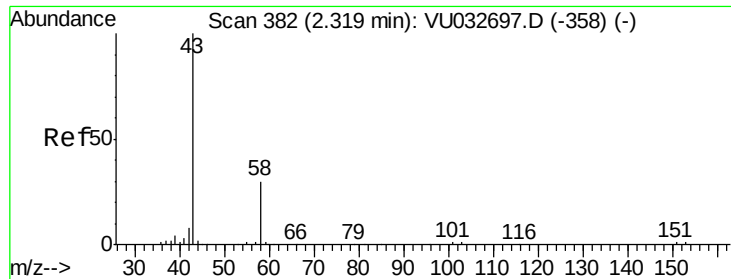
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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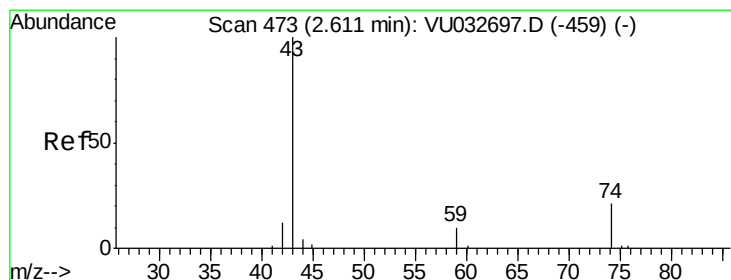
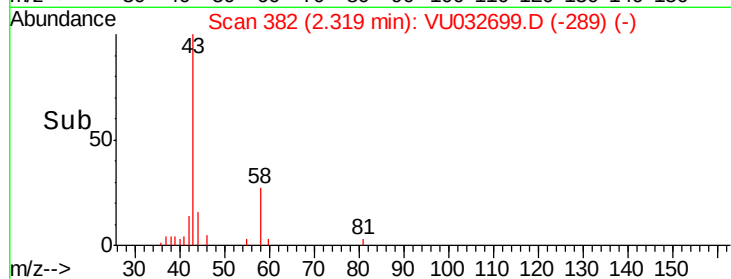
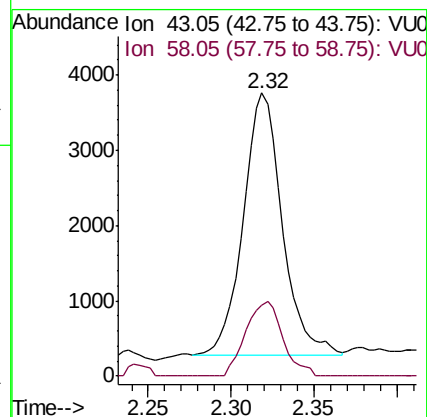
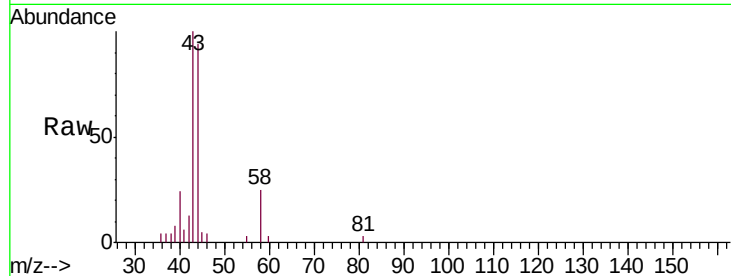




#13
Acetone
Concen: 3.983 ug/L
RT: 2.32 min Scan# 382
Delta R.T. 0.00 min
Lab File: VU032699.D
Acq: 13 Jun 2019 17:13

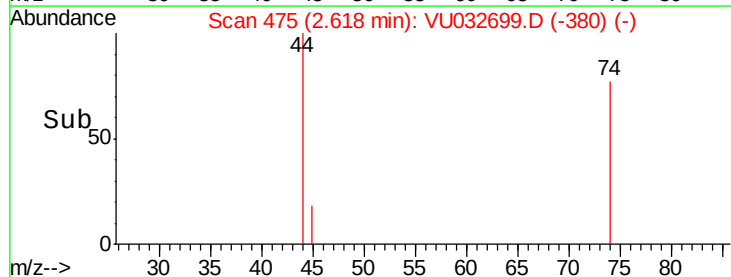
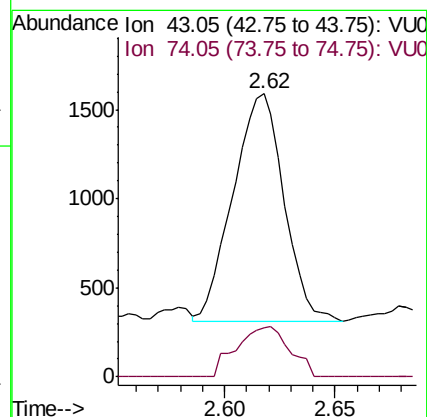
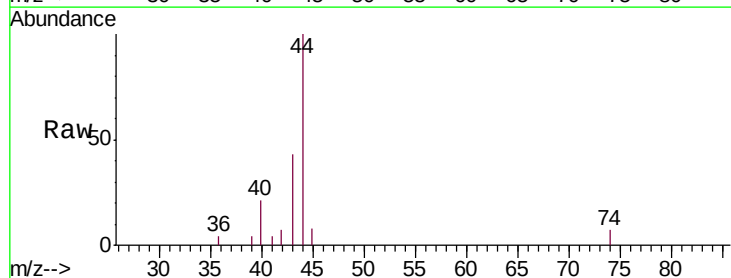
Instrument :
MSVOA_U
ClientSampleId :
COM64

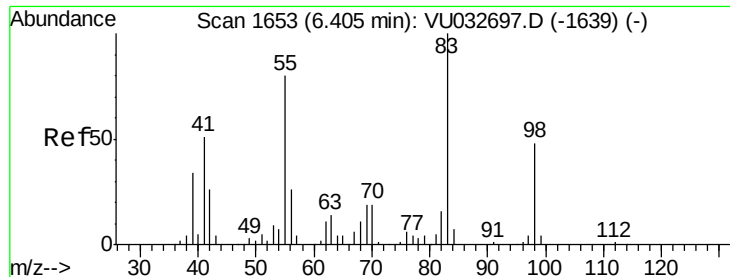
Tgt Ion: 43 Resp: 5653
Ion Ratio Lower Upper
43 100
58 27.3 0.0 60.8



#15
Methyl Acetate
Concen: 0.521 ug/L
RT: 2.62 min Scan# 475
Delta R.T. 0.01 min
Lab File: VU032699.D
Acq: 13 Jun 2019 17:13

Tgt Ion: 43 Resp: 2030
Ion Ratio Lower Upper
43 100
74 23.0 17.8 26.8

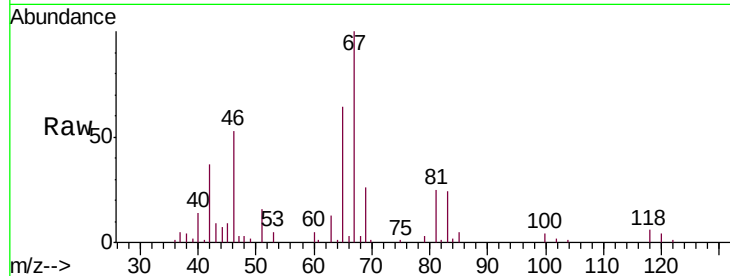




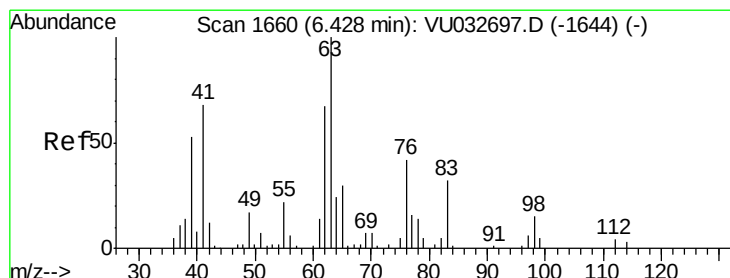
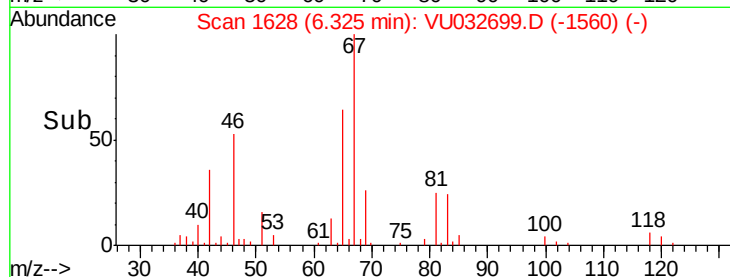
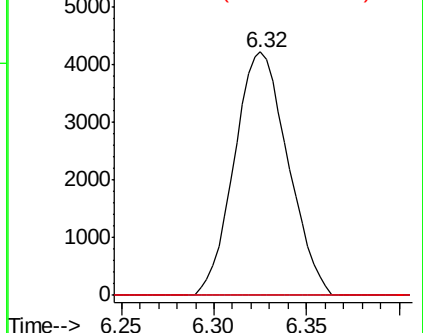
#35
Methylcyclohexane
Concen: 0.645 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.08 min
Lab File: VU032699.D
Acq: 13 Jun 2019 17:13

Instrument :
MSVOA_U
ClientSampleId :
COM64

Tgt Ion: 83 Resp: 8474
Ion Ratio Lower Upper
83 100
55 0.0 60.0 90.0#
98 11.1 37.8 56.8#

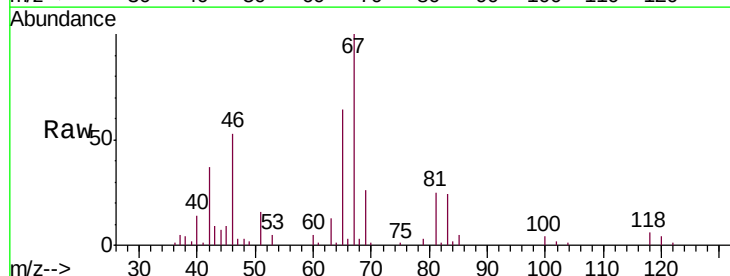


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

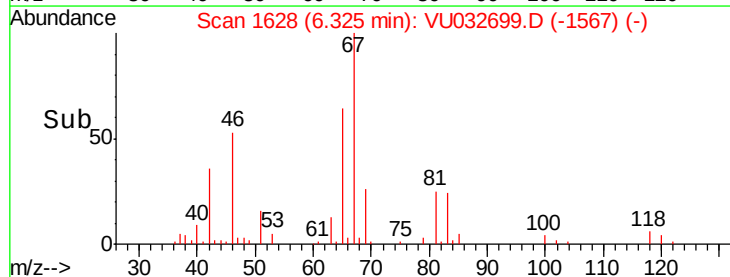
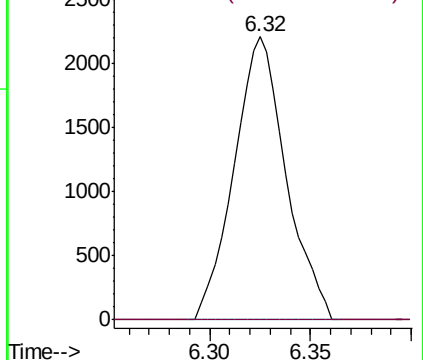


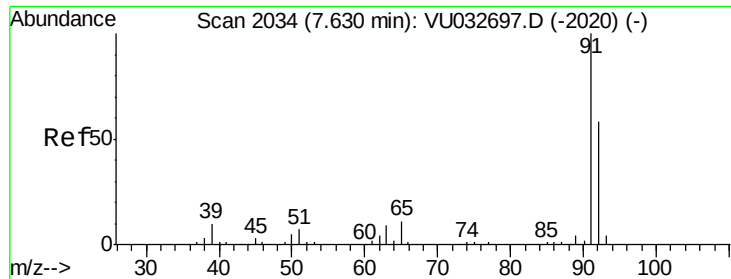
#37
1,2-Dichloropropane
Concen: 0.540 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VU032699.D
Acq: 13 Jun 2019 17:13

Tgt Ion: 63 Resp: 3967
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: 0.174 ug/L

RT: 7.64 min Scan# 2036

Delta R.T. 0.01 min

Lab File: VU032699.D

Acq: 13 Jun 2019 17:13

Instrument :

MSVOA_U

ClientSampleId :

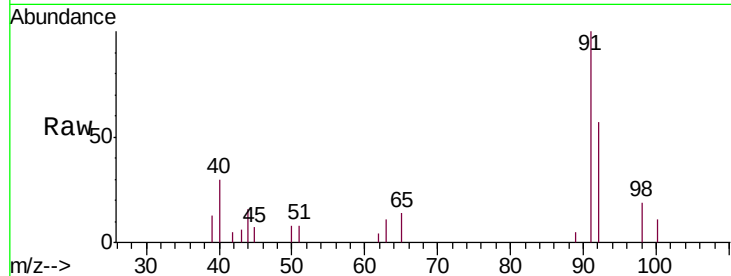
C0M64

Tgt Ion: 91 Resp: 5516

Ion Ratio Lower Upper

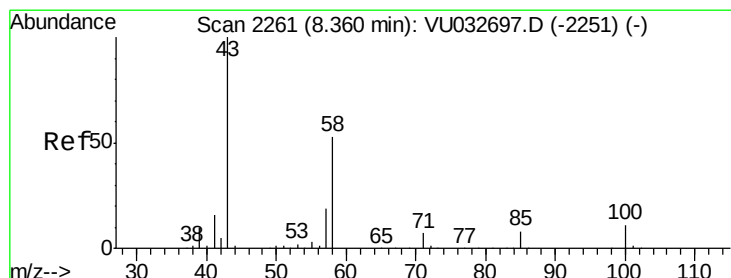
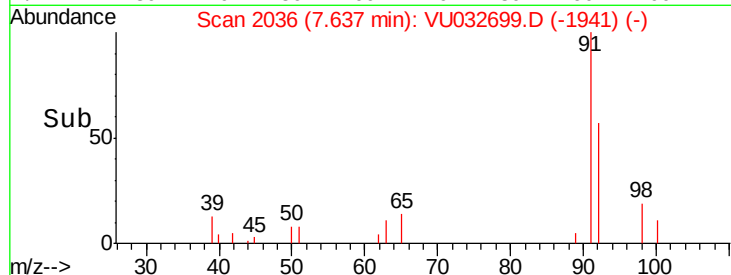
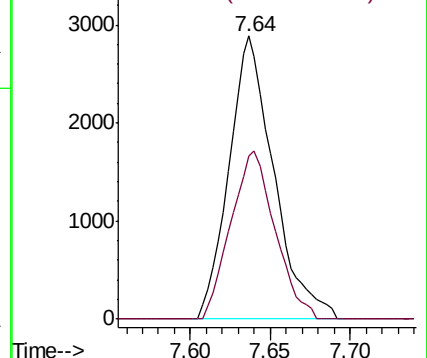
91 100

92 57.4 40.9 75.9



Abundance Ion 91.15 (90.85 to 91.85): VU032699.D (-2168) (-)

Ion 92.15 (91.85 to 92.85): VU032699.D (-2168) (-)



#48

2-Hexanone

Concen: 1.166 ug/L

RT: 8.36 min Scan# 2262

Delta R.T. 0.00 min

Lab File: VU032699.D

Acq: 13 Jun 2019 17:13

Tgt Ion: 43 Resp: 4356

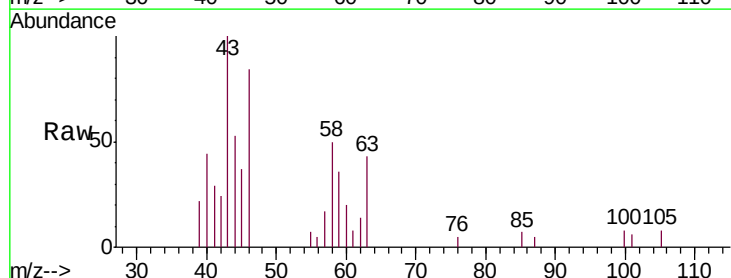
Ion Ratio Lower Upper

43 100

58 64.8 41.9 62.9#

57 15.9 15.1 22.7

100 6.4 9.0 13.6#

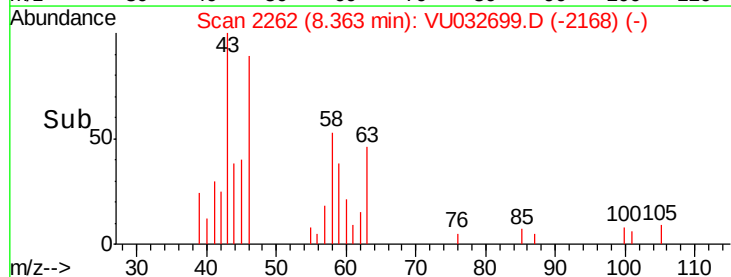
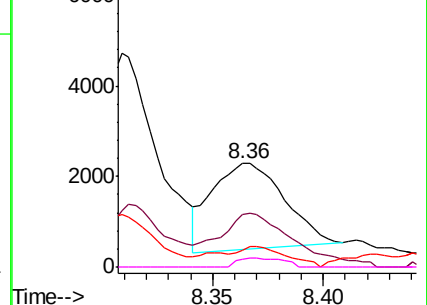


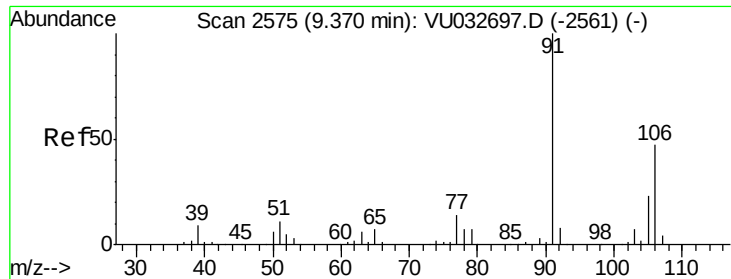
Abundance Ion 43.05 (42.75 to 43.75): VU032699.D (-2168) (-)

Ion 58.05 (57.75 to 58.75): VU032699.D (-2168) (-)

Ion 57.20 (56.90 to 57.90): VU032699.D (-2168) (-)

Ion 100.15 (99.85 to 100.85): VU032699.D (-2168) (-)





#53

m,p-Xylene

Concen: 0.101 ug/L

RT: 9.38 min Scan# 2577

Delta R.T. 0.01 min

Lab File: VU032699.D

Acq: 13 Jun 2019 17:13

Instrument :

MSVOA_U

ClientSampleId :

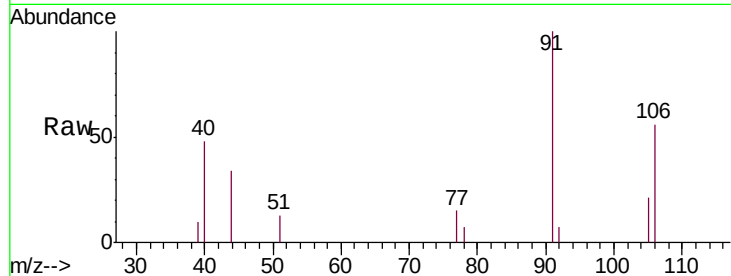
C0M64

Tgt Ion:106 Resp: 1339

Ion Ratio Lower Upper

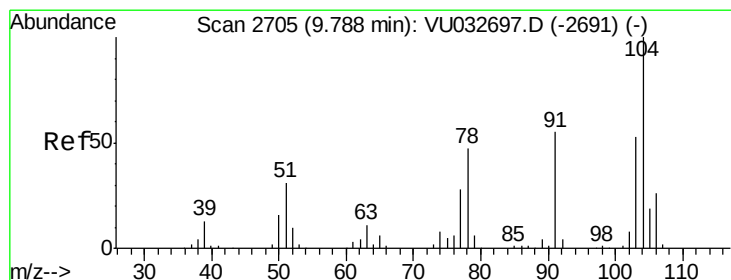
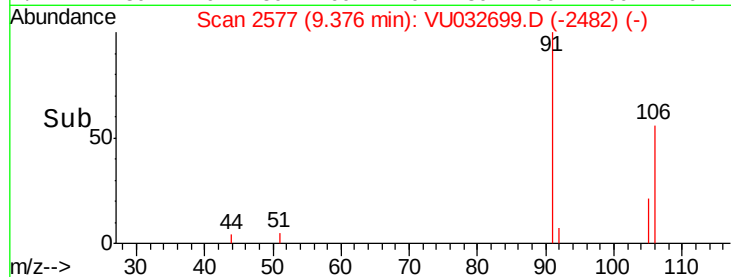
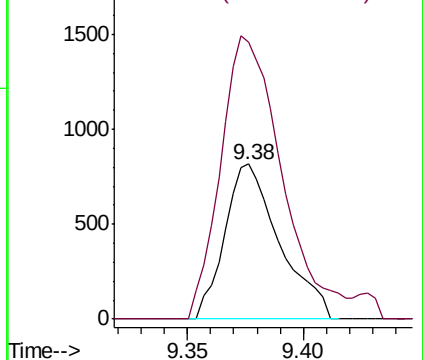
106 100

91 178.5 142.4 264.4



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VU0



#55

Styrene

Concen: 0.434 ug/L

RT: 9.79 min Scan# 2707

Delta R.T. 0.01 min

Lab File: VU032699.D

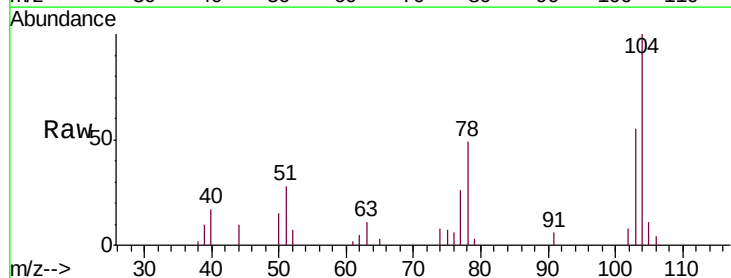
Acq: 13 Jun 2019 17:13

Tgt Ion:104 Resp: 9415

Ion Ratio Lower Upper

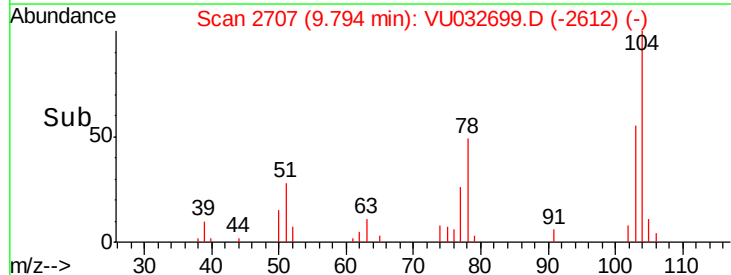
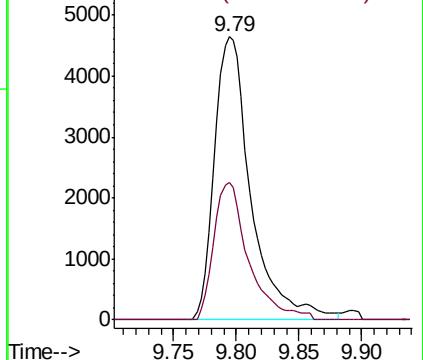
104 100

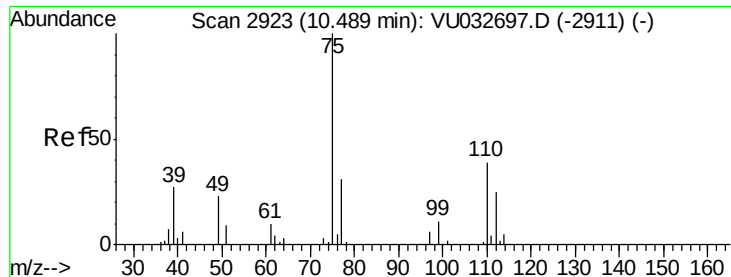
78 48.6 32.2 59.8



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VU0





#59
 1,2,3-Trichloropropane
 Concen: 1.259 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU032699.D
 Acq: 13 Jun 2019 17:13

Instrument :
 MSVOA_U
 ClientSampleId :
 COM64

Tgt Ion: 75 Resp: 6072
 Ion Ratio Lower Upper
 75 100
 77 32.8 25.3 37.9

