

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042920\
 Data File : VU037918.D
 Acq On : 29 Apr 2020 17:44
 Operator : JC/MD
 Sample : L2410-16
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBFF4

Quant Time: Apr 30 03:39:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 30 01:17:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	694155	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	670281	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	314200	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	200095	32.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	65.98%
7) Chloroethane-d5	1.93	69	187310	39.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.70%
11) 1,1-Dichloroethene-d2	2.59	63	274591	27.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	55.94%#
21) 2-Butanone-d5	4.66	46	431469	89.78	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.78%
24) Chloroform-d	5.10	84	403338	43.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.32%
26) 1,2-Dichloroethane-d4	5.74	65	277691	43.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.82%
32) Benzene-d6	5.76	84	828878	43.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.46%
36) 1,2-Dichloropropane-d6	6.72	67	284605	44.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.78%
41) Toluene-d8	7.92	98	743330	42.67	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.34%
43) trans-1,3-Dichloropropene-	8.20	79	134321	41.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.32%
47) 2-Hexanone-d5	8.65	63	327180	94.80	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.80%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	412812	46.80	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.60%
64) 1,2-Dichlorobenzene-d4	12.20	152	282960	46.28	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.56%

Target Compounds

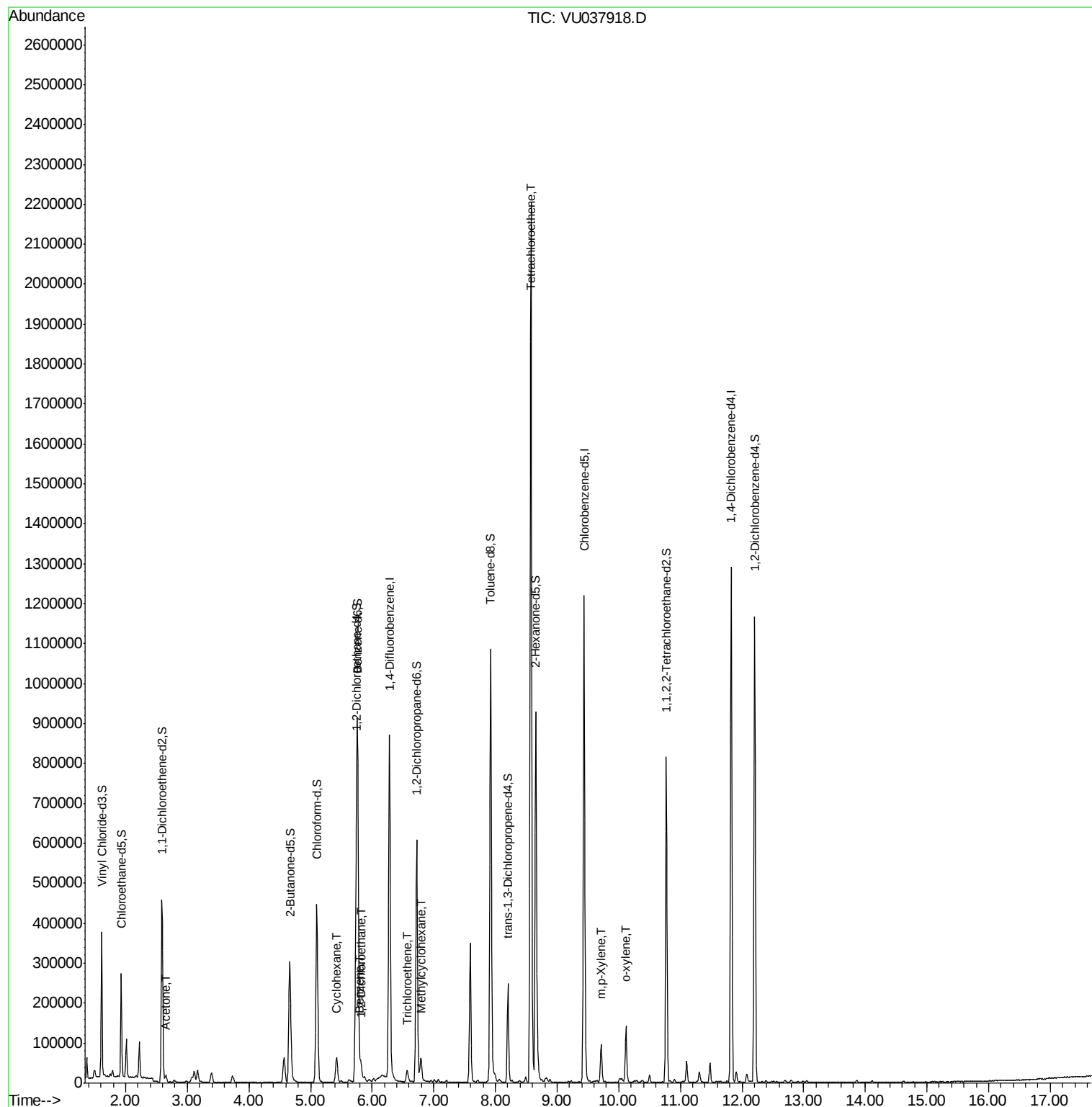
					Ovalue
13) Acetone	2.65	43	22513	7.852	ug/L 95
27) 1,2-Dichloroethane	5.83	62	16467	2.163	ug/L 96
29) Cyclohexane	5.43	56	32237	3.438	ug/L 94
33) Benzene	5.81	78	42199	2.074	ug/L 100
34) Trichloroethene	6.57	95	6849	1.372	ug/L 93
35) Methylcyclohexane	6.79	83	24446	2.798	ug/L 94
46) Tetrachloroethene	8.57	164	481891	132.116	ug/L 97
53) m,p-Xylene	9.72	106	26334	2.928	ug/L 94
54) o-xylene	10.11	106	39267	4.464	ug/L 98

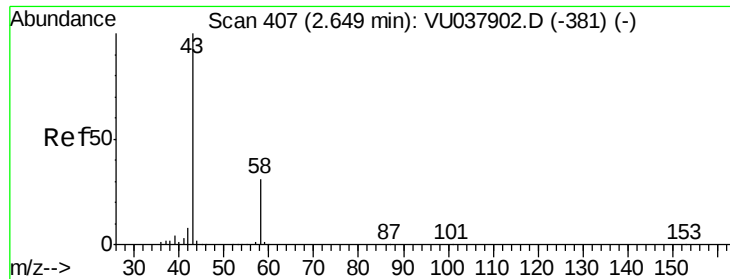
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU042920\
Data File : VU037918.D
Acq On : 29 Apr 2020 17:44
Operator : JC/MD
Sample : L2410-16
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DBFF4

Quant Time: Apr 30 03:39:06 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042320WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 30 01:17:58 2020
Response via : Initial Calibration





#13

Acetone

Concen: 7.852 ug/L

RT: 2.65 min Scan# 408

Delta R.T. 0.00 min

Lab File: VU037918.D

Acq: 29 Apr 2020 17:44

Instrument :

MSVOA_U

ClientSampleId :

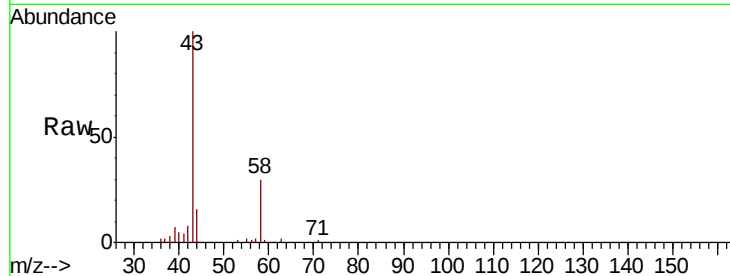
DBFF4

Tot Ion: 43 Resp: 22513

Ion Ratio Lower Upper

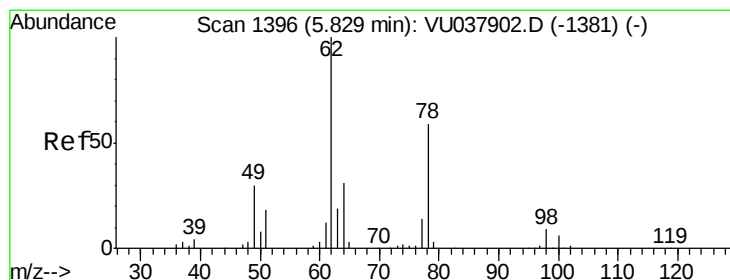
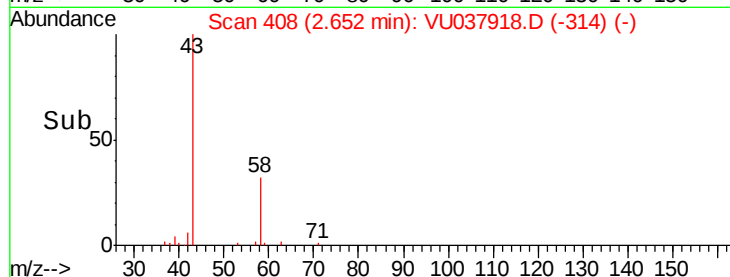
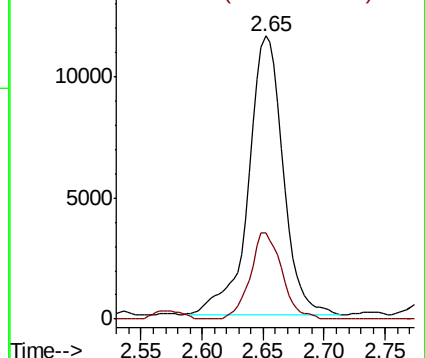
43 100

58 28.2 0.0 62.0



Abundance Ion 43.00 (42.70 to 43.70): VU037918.D (-314) (-)

Ion 58.00 (57.70 to 58.70): VU037918.D (-314) (-)



#27

1,2-Dichloroethane

Concen: 2.163 ug/L

RT: 5.83 min Scan# 1396

Delta R.T. -0.00 min

Lab File: VU037918.D

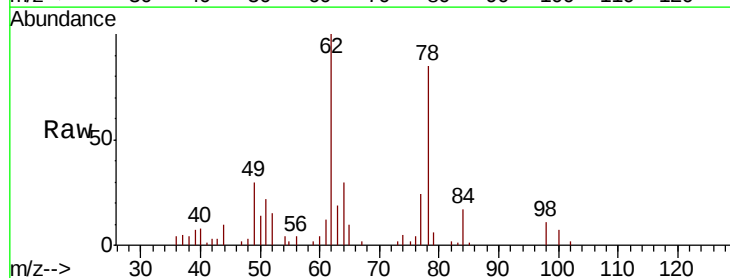
Acq: 29 Apr 2020 17:44

Tgt Ion: 62 Resp: 16467

Ion Ratio Lower Upper

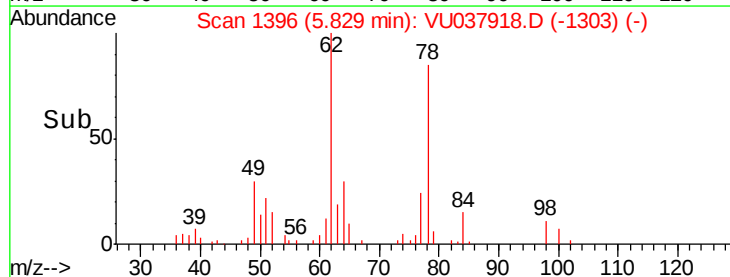
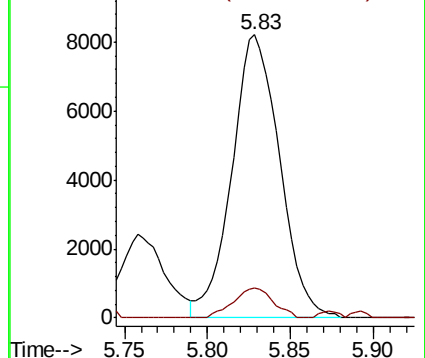
62 100

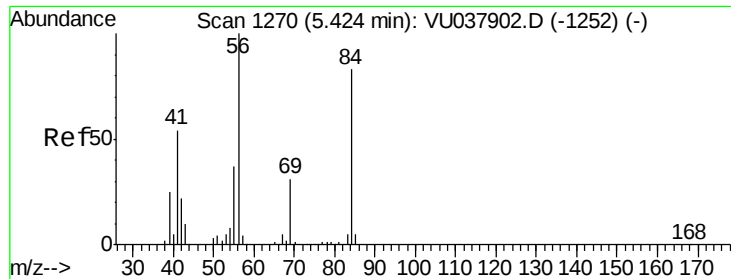
98 10.6 7.3 10.9



Abundance Ion 62.00 (61.70 to 62.70): VU037918.D (-1303) (-)

Ion 98.00 (97.70 to 98.70): VU037918.D (-1303) (-)

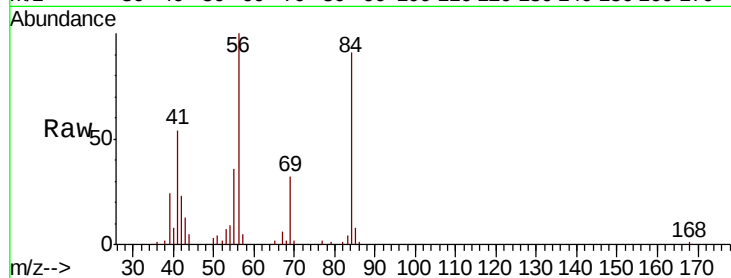




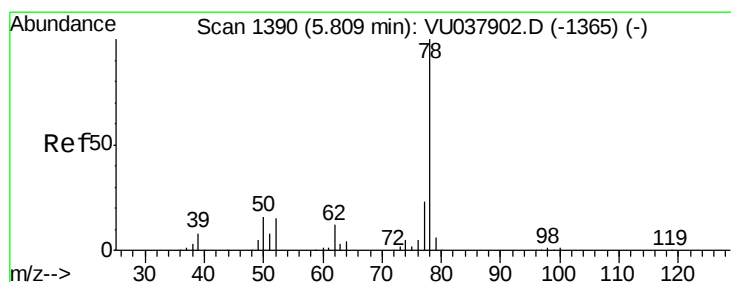
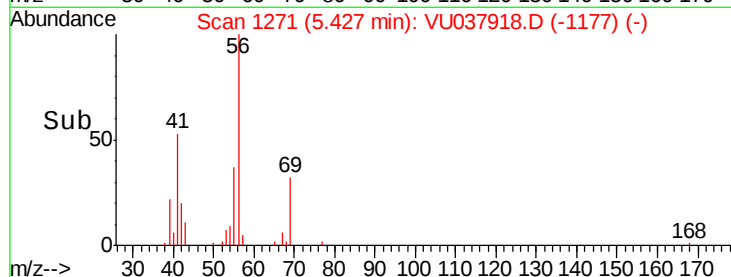
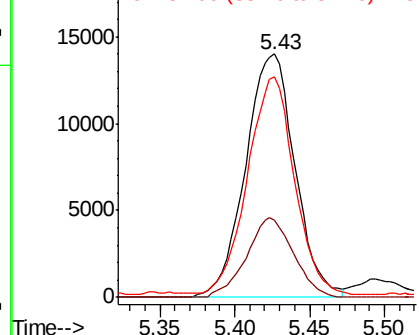
#29
Cyclohexane
Concen: 3.438 ug/L
RT: 5.43 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VU037918.D
Acq: 29 Apr 2020 17:44

Instrument :
MSVOA_U
ClientSampleId :
DBFF4

Tot Ion: 56 Resp: 32237
Ion Ratio Lower Upper
56 100
69 30.8 22.9 34.3
84 84.9 63.6 95.4

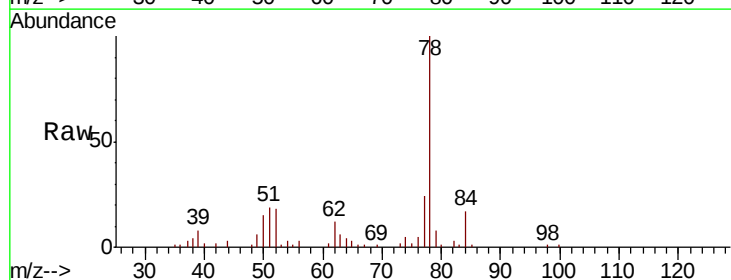


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

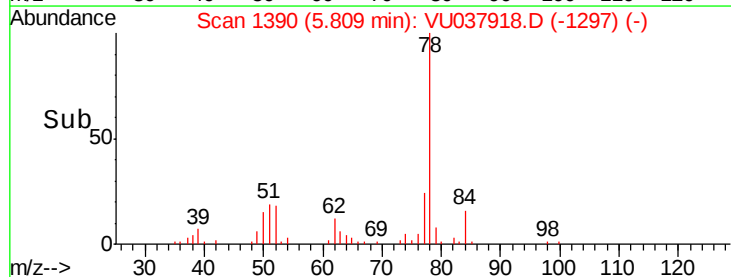
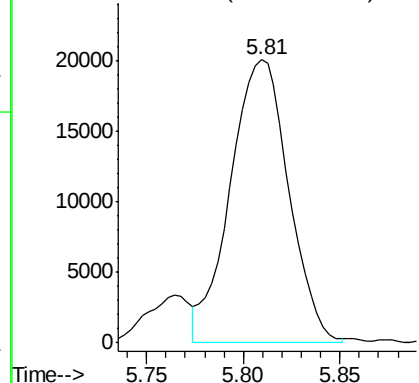


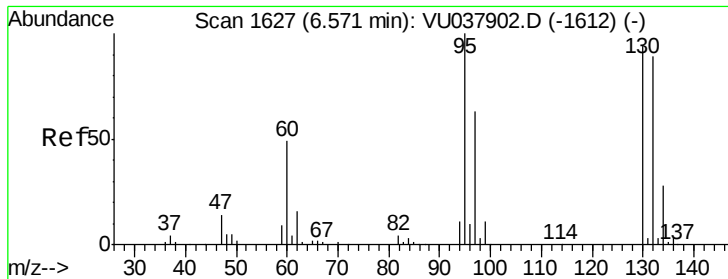
#33
Benzene
Concen: 2.074 ug/L
RT: 5.81 min Scan# 1390
Delta R.T. -0.00 min
Lab File: VU037918.D
Acq: 29 Apr 2020 17:44

Tgt Ion: 78 Resp: 42199



Abundance Ion 78.00 (77.70 to 78.70): VU0





#34

Trichloroethene

Concen: 1.372 ug/L

RT: 6.57 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VU037918.D

Acq: 29 Apr 2020 17:44

Instrument :

MSVOA_U

ClientSampleId :

DBFF4

Tot Ion: 95 Resp: 6849

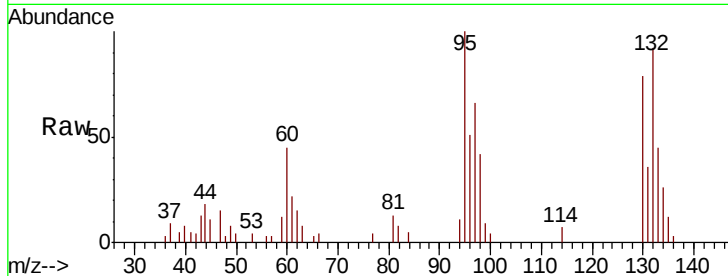
Ion Ratio Lower Upper

95 100

97 66.1 44.4 82.5

132 91.6 65.0 120.6

130 79.4 65.5 121.7

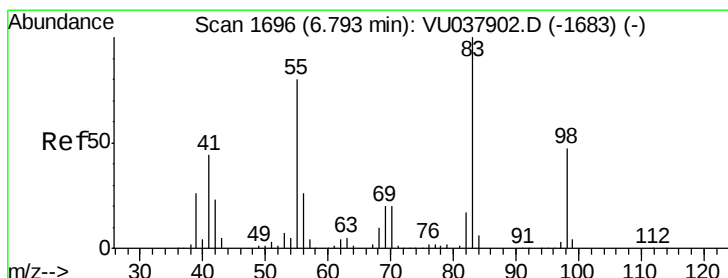
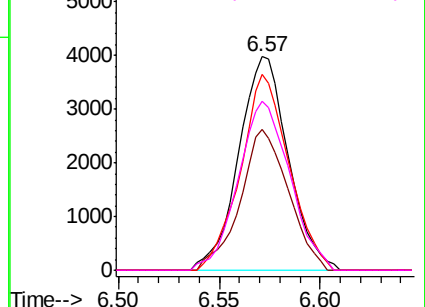
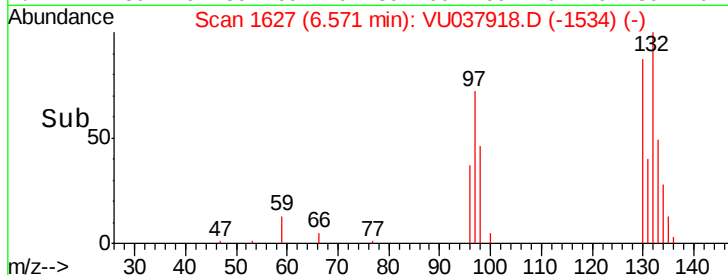


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#35

Methylcyclohexane

Concen: 2.798 ug/L

RT: 6.79 min Scan# 1695

Delta R.T. -0.00 min

Lab File: VU037918.D

Acq: 29 Apr 2020 17:44

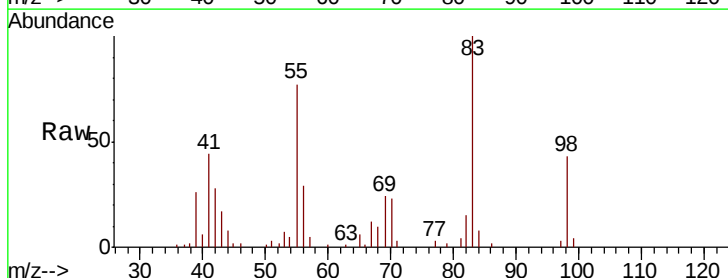
Tgt Ion: 83 Resp: 24446

Ion Ratio Lower Upper

83 100

55 87.4 66.3 99.5

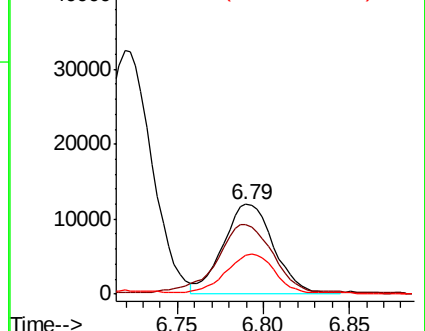
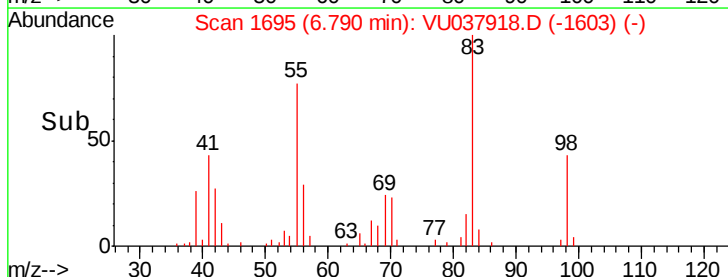
98 40.8 37.4 56.0

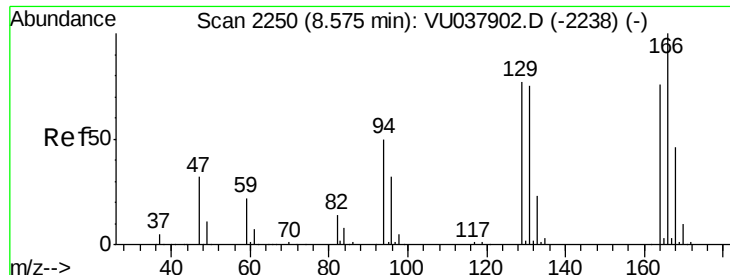


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 98.00 (97.70 to 98.70): VU0





#46

Tetrachloroethene

Concen: 132.116 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. -0.00 min

Lab File: VU037918.D

Acq: 29 Apr 2020 17:44

Instrument :

MSVOA_U

ClientSampleId :

DBFF4

Tot Ion:164 Resp: 481891

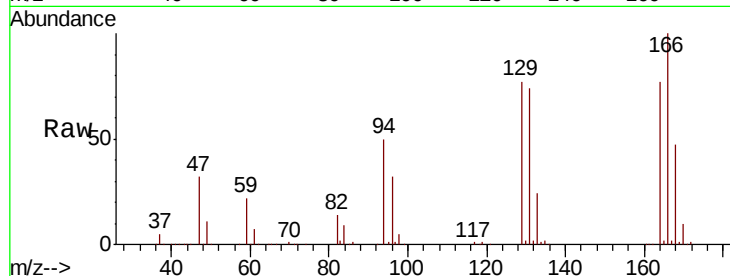
Ion Ratio Lower Upper

164 100

129 99.1 67.3 125.1

131 95.7 64.8 120.4

166 129.0 88.5 164.4

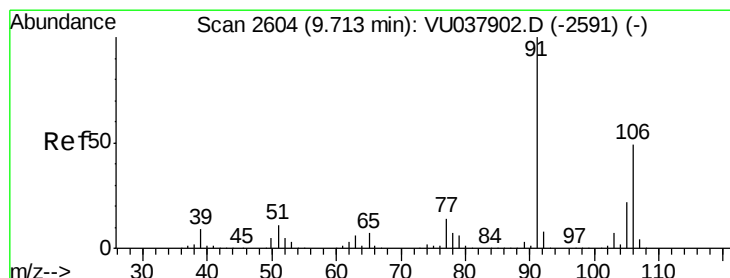
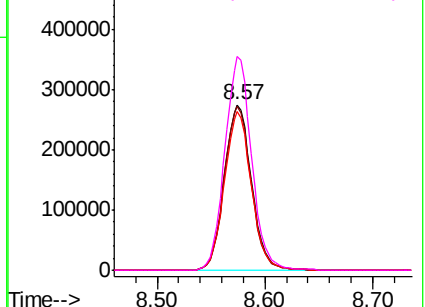
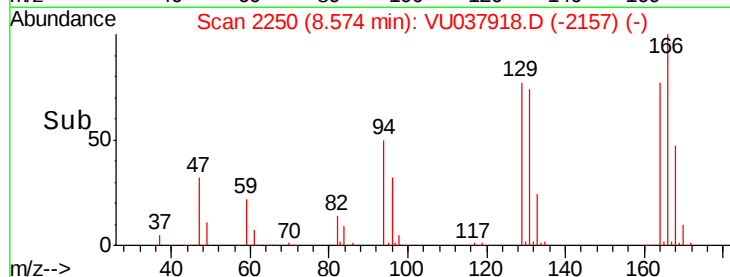


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#53

m,p-Xylene

Concen: 2.928 ug/L

RT: 9.72 min Scan# 2605

Delta R.T. 0.00 min

Lab File: VU037918.D

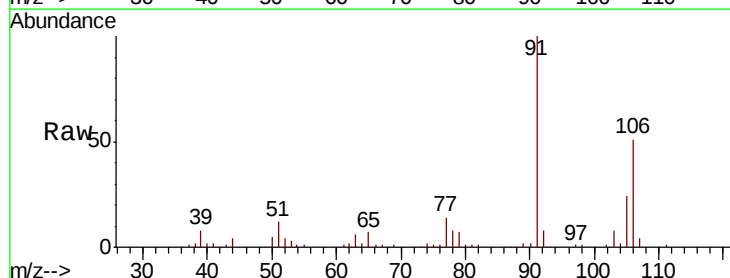
Acq: 29 Apr 2020 17:44

Tgt Ion:106 Resp: 26334

Ion Ratio Lower Upper

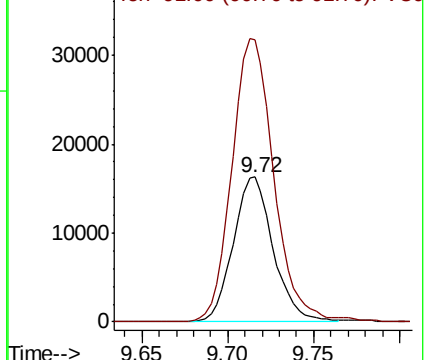
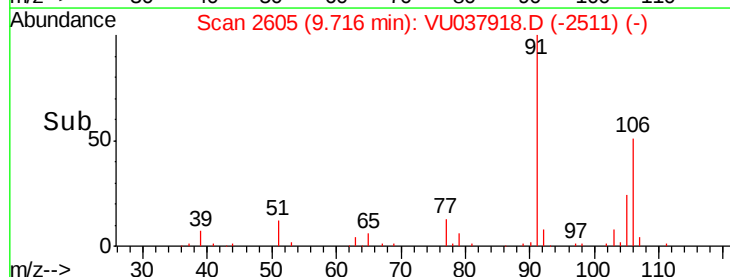
106 100

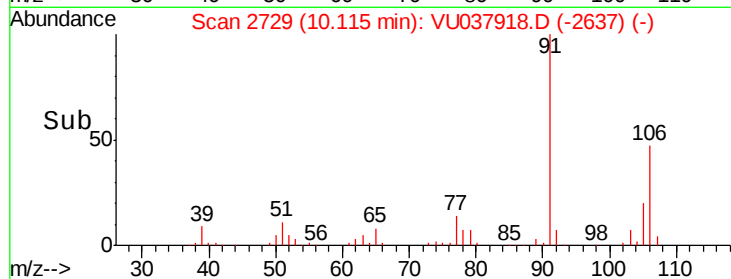
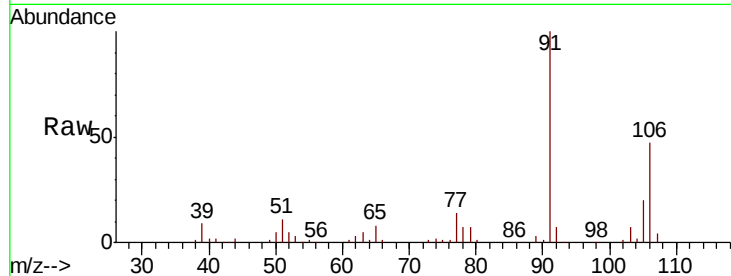
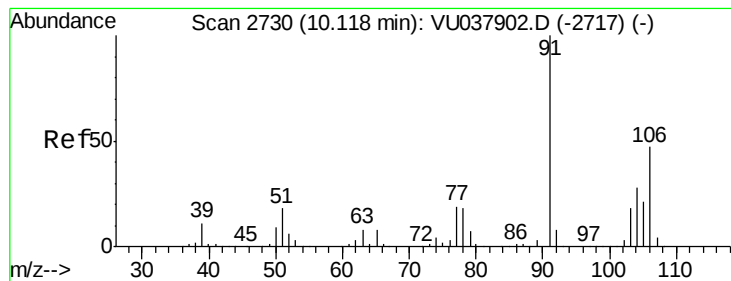
91 194.6 142.8 265.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0





#54

o-xylene

Concen: 4.464 ug/L

RT: 10.11 min Scan# 2729

Delta R.T. -0.00 min

Lab File: VU037918.D

Acq: 29 Apr 2020 17:44

Instrument :

MSVOA_U

ClientSampleId :

DBFF4

Tot Ion:106 Resp: 39267

Ion Ratio Lower Upper

106 100

91 212.7 150.6 279.6

