

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060920\
 Data File : VU038690.D
 Acq On : 09 Jun 2020 00:23
 Operator : SY/MD
 Sample : L2896-12
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW0J1

Quant Time: Jun 09 07:17:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 09 06:12:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	578189	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	563278	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	263026	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	191136	59.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	118.34%
7) Chloroethane-d5	1.93	69	146492	58.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	116.92%
11) 1,1-Dichloroethene-d2	2.59	63	285187	40.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.02%
21) 2-Butanone-d5	4.67	46	344613	109.65	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.65%
24) Chloroform-d	5.10	84	355471	51.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.08%
26) 1,2-Dichloroethane-d4	5.74	65	241916	52.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.82%
32) Benzene-d6	5.76	84	732451	53.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.96%
36) 1,2-Dichloropropane-d6	6.72	67	220687	52.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.56%
41) Toluene-d8	7.92	98	638898	52.11	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.22%
43) trans-1,3-Dichloropropene-	8.20	79	105533	50.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.26%
47) 2-Hexanone-d5	8.65	63	247722	111.29	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.29%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	316931	50.81	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.62%
64) 1,2-Dichlorobenzene-d4	12.20	152	255322	55.91	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	111.82%

Target Compounds

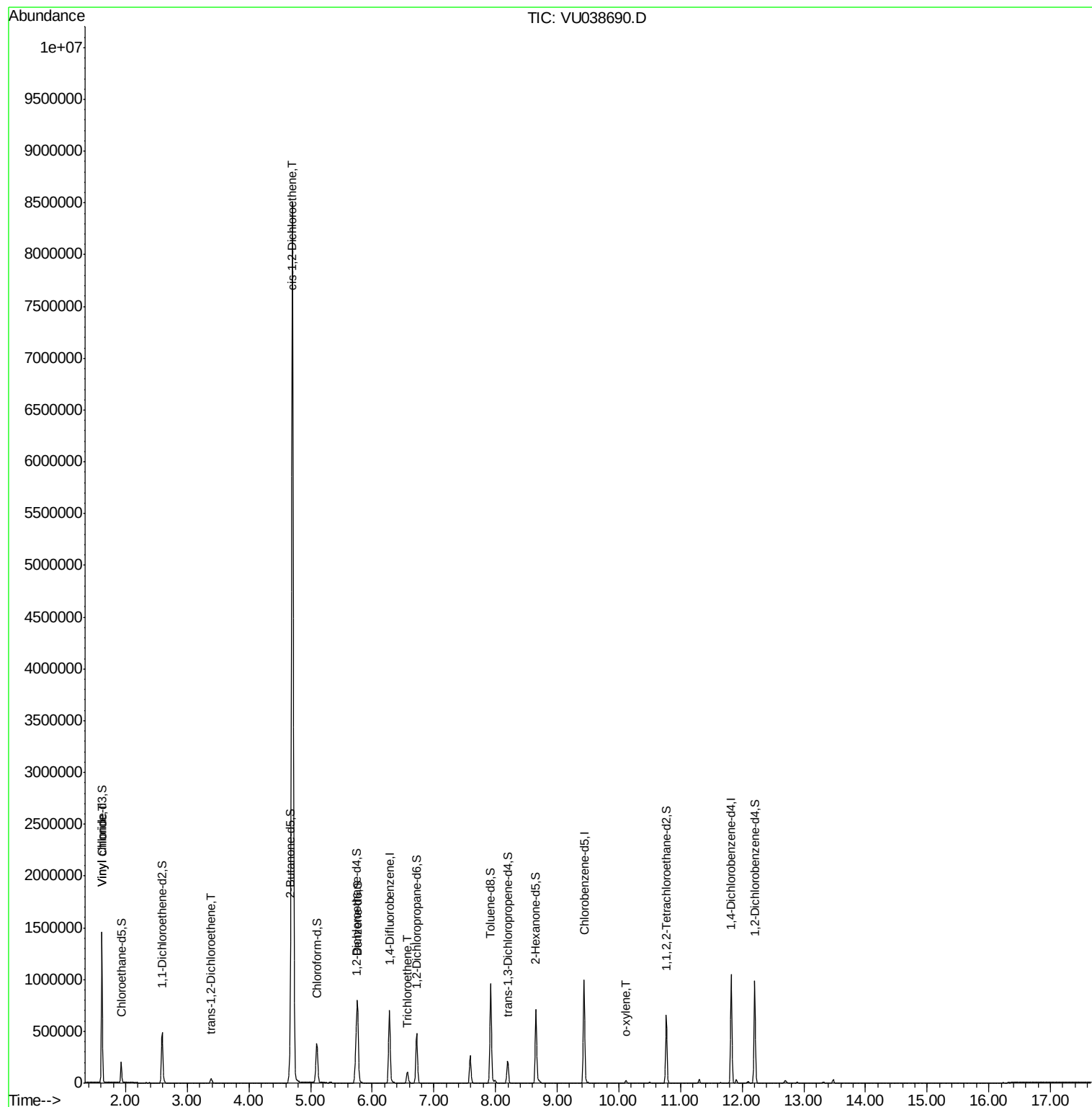
					Ovalue
5) Vinyl chloride	1.62	62	811515	175.432	ug/L 99
17) trans-1,2-Dichloroethene	3.39	96	18437	4.604	ug/L 93
20) cis-1,2-Dichloroethene	4.71	96	4362078	985.338	ug/L 98
34) Trichloroethene	6.57	95	35360	8.312	ug/L 98
54) o-xylene	10.12	106	6900	0.959	ug/L 99

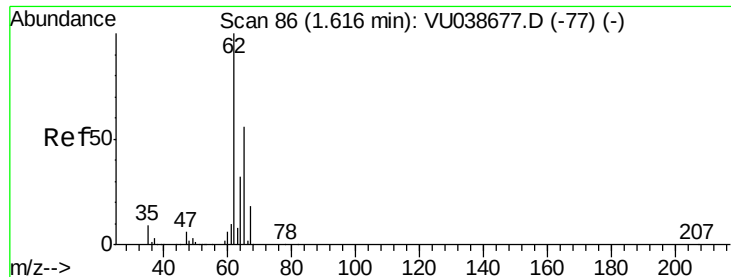
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 175.432 ug/L

RT: 1.62 min Scan# 86

Delta R.T. 0.00 min

Lab File: VU038690.D

Acq: 09 Jun 2020 00:23

Instrument :

MSVOA_U

ClientSampled :

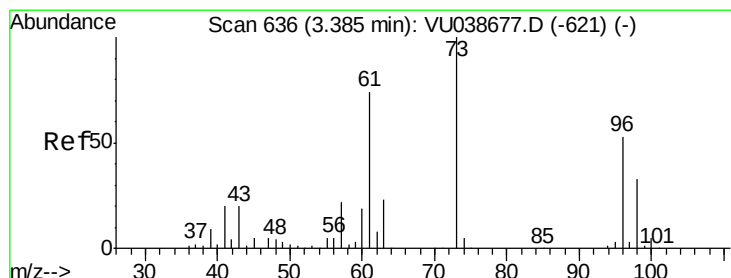
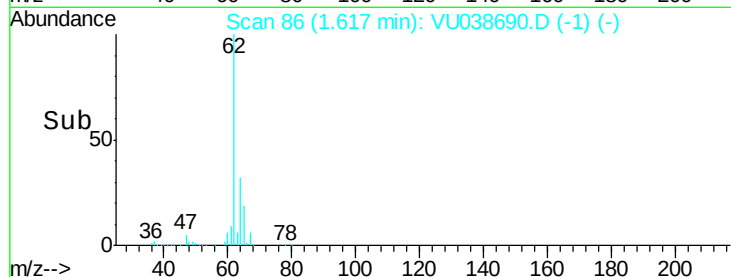
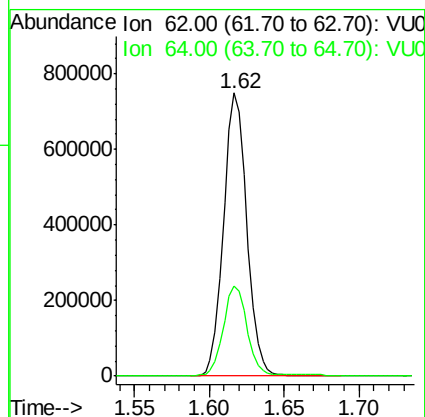
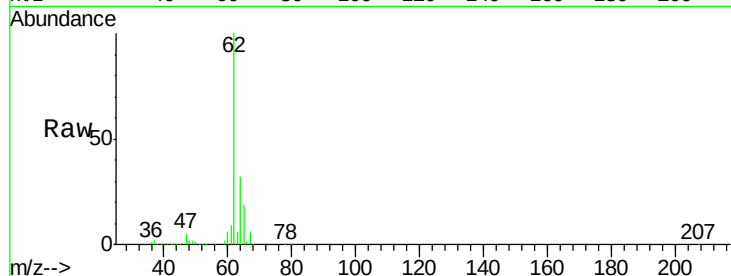
EW0J1

Tot Ion: 62 Resp: 811515

Ion Ratio Lower Upper

62 100

64 32.1 23.0 42.8



#17

trans-1,2-Dichloroethene

Concen: 4.604 ug/L

RT: 3.39 min Scan# 637

Delta R.T. 0.00 min

Lab File: VU038690.D

Acq: 09 Jun 2020 00:23

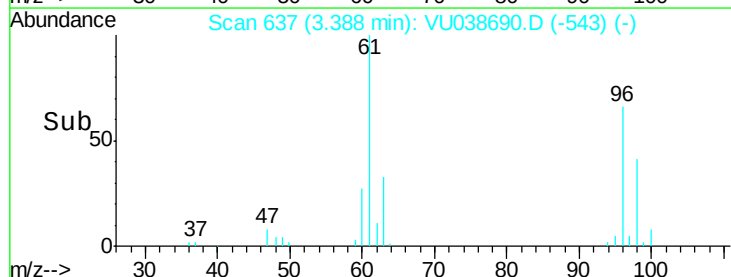
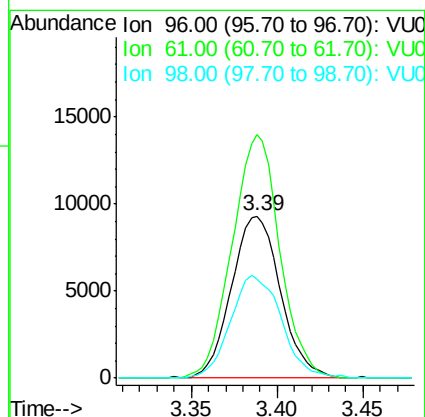
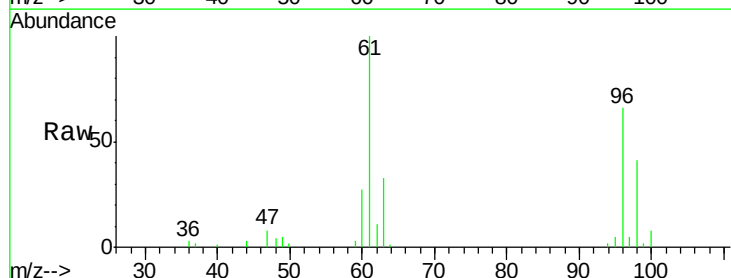
Tgt Ion: 96 Resp: 18437

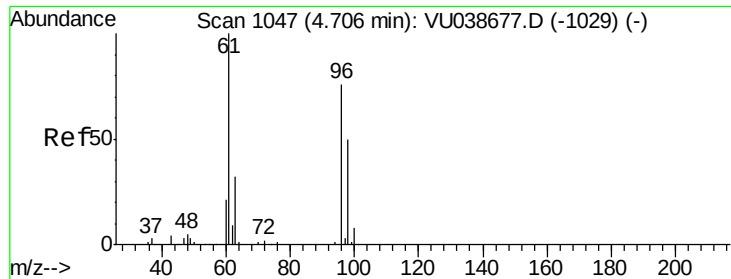
Ion Ratio Lower Upper

96 100

61 150.6 98.2 182.4

98 61.3 44.3 82.3





#20

cis-1,2-Dichloroethene

Concen: 985.338 ug/L

RT: 4.71 min Scan# 1047

Delta R.T. 0.00 min

Lab File: VU038690.D

Acq: 09 Jun 2020 00:23

Instrument :

MSVOA_U

ClientSampleId :

EW0J1

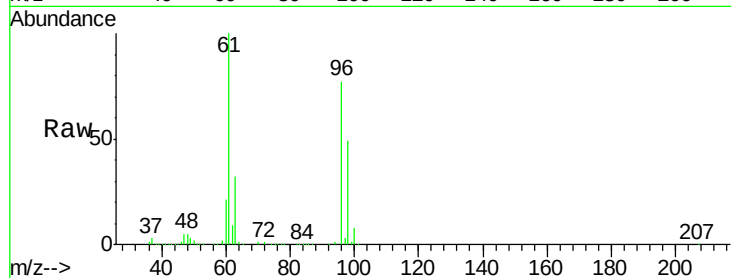
Tot Ion: 96 Resp: 4362078

Ion Ratio Lower Upper

96 100

61 130.5 89.5 166.1

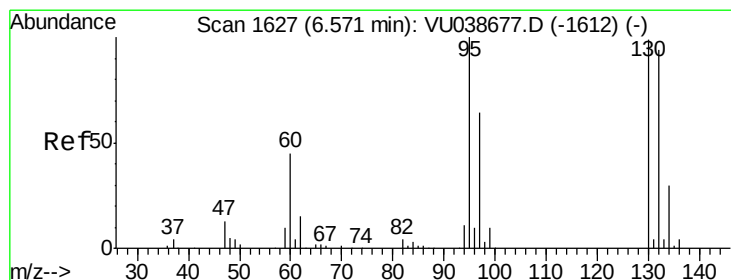
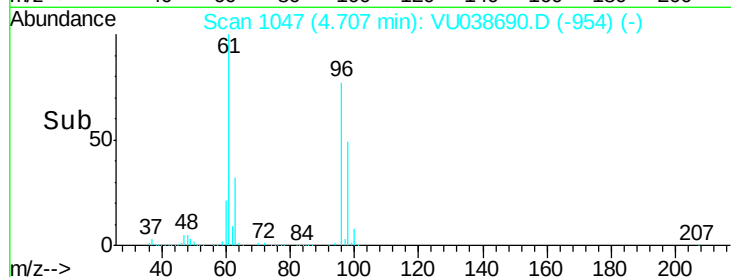
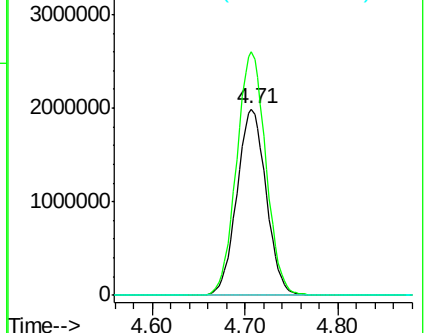
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU038677.D (-1029) (-)

Ion 61.00 (60.70 to 61.70): VU038677.D (-1029) (-)

Ion 68.00 (67.70 to 68.70): VU038677.D (-1029) (-)



#34

Trichloroethene

Concen: 8.312 ug/L

RT: 6.57 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VU038690.D

Acq: 09 Jun 2020 00:23

Tgt Ion: 95 Resp: 35360

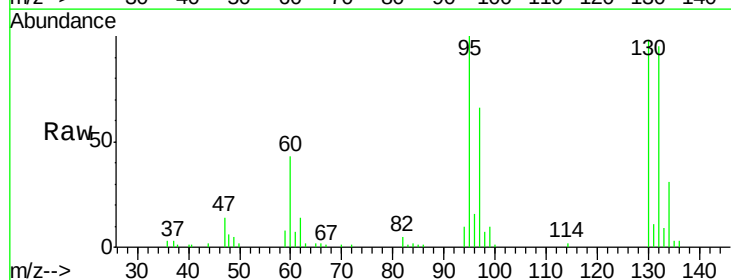
Ion Ratio Lower Upper

95 100

97 65.7 44.4 82.4

132 95.4 64.9 120.5

130 97.8 68.6 127.4

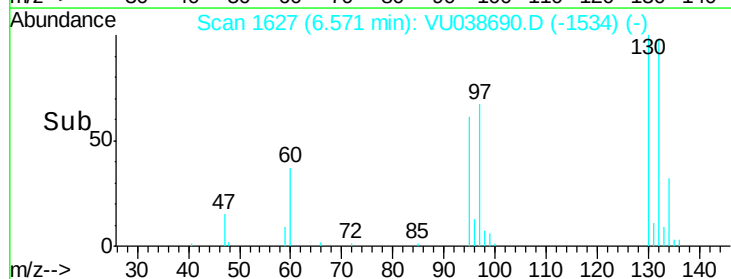
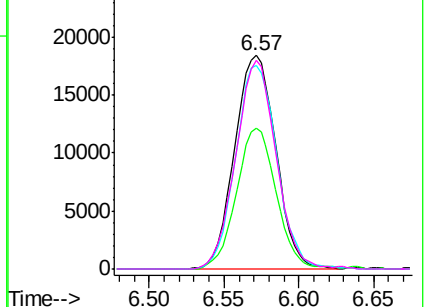


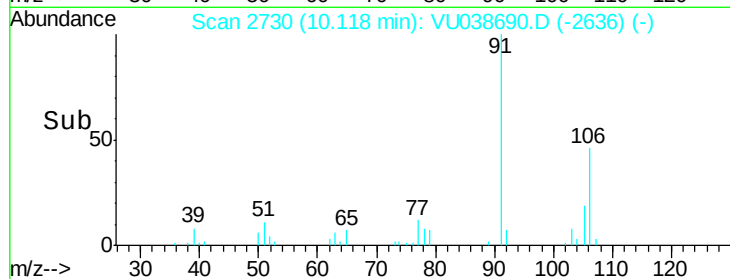
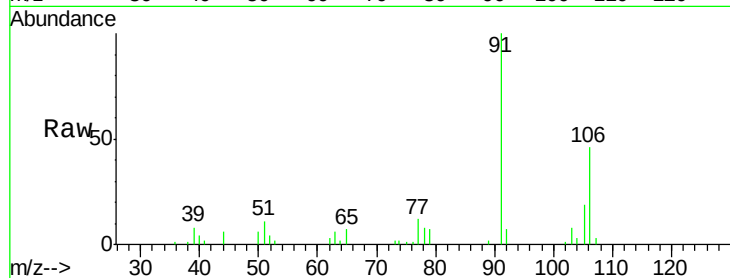
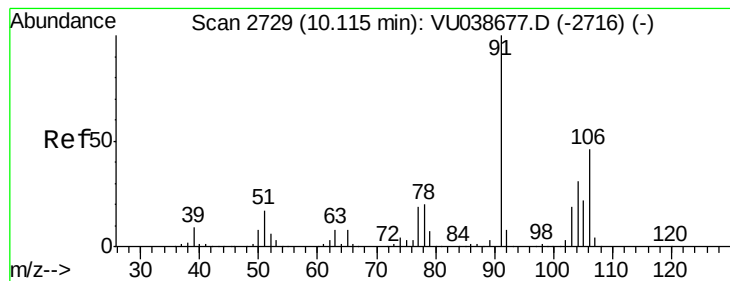
Abundance Ion 95.00 (94.70 to 95.70): VU038677.D (-1612) (-)

Ion 97.00 (96.70 to 97.70): VU038677.D (-1612) (-)

Ion 132.00 (131.70 to 132.70): VU038677.D (-1612) (-)

Ion 130.00 (129.70 to 130.70): VU038677.D (-1612) (-)





#54

o-xylene

Concen: 0.959 ug/L

RT: 10.12 min Scan# 2730

Delta R.T. 0.00 min

Lab File: VU038690.D

Acq: 09 Jun 2020 00:23

Instrument :

MSVOA_U

ClientSampleId :

EW0J1

Tot Ion:106 Resp: 6900

Ion Ratio Lower Upper

106 100

91 217.7 151.2 280.8

Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0

