

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072118\
 Data File : VU025577.D
 Acq On : 21 Jul 2018 12:07
 Operator : MD/SY
 Sample : J4097-10MSD
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0AA7MSD

Quant Time: Jul 23 01:35:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM072018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jul 23 01:10:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	324973	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	297527	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	146009	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	76731	41.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.72%
7) Chloroethane-d5	1.68	69	67005	43.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.56%
11) 1,1-Dichloroethene-d2	2.28	63	163590	42.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.72%
21) 2-Butanone-d5	4.18	46	136380	95.22	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.22%
24) Chloroform-d	4.65	84	185558	44.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.80%
26) 1,2-Dichloroethane-d4	5.31	65	128046	46.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.70%
32) Benzene-d6	5.35	84	360143	47.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.40%
36) 1,2-Dichloropropane-d6	6.33	67	118066	48.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.04%
41) Toluene-d8	7.57	98	341842	46.71	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.42%
43) trans-1,3-Dichloropropene-	7.85	79	56787	45.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.44%
47) 2-Hexanone-d5	8.31	63	101679	98.76	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.76%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	158534	46.10	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	143079	48.35	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.70%

Target Compounds

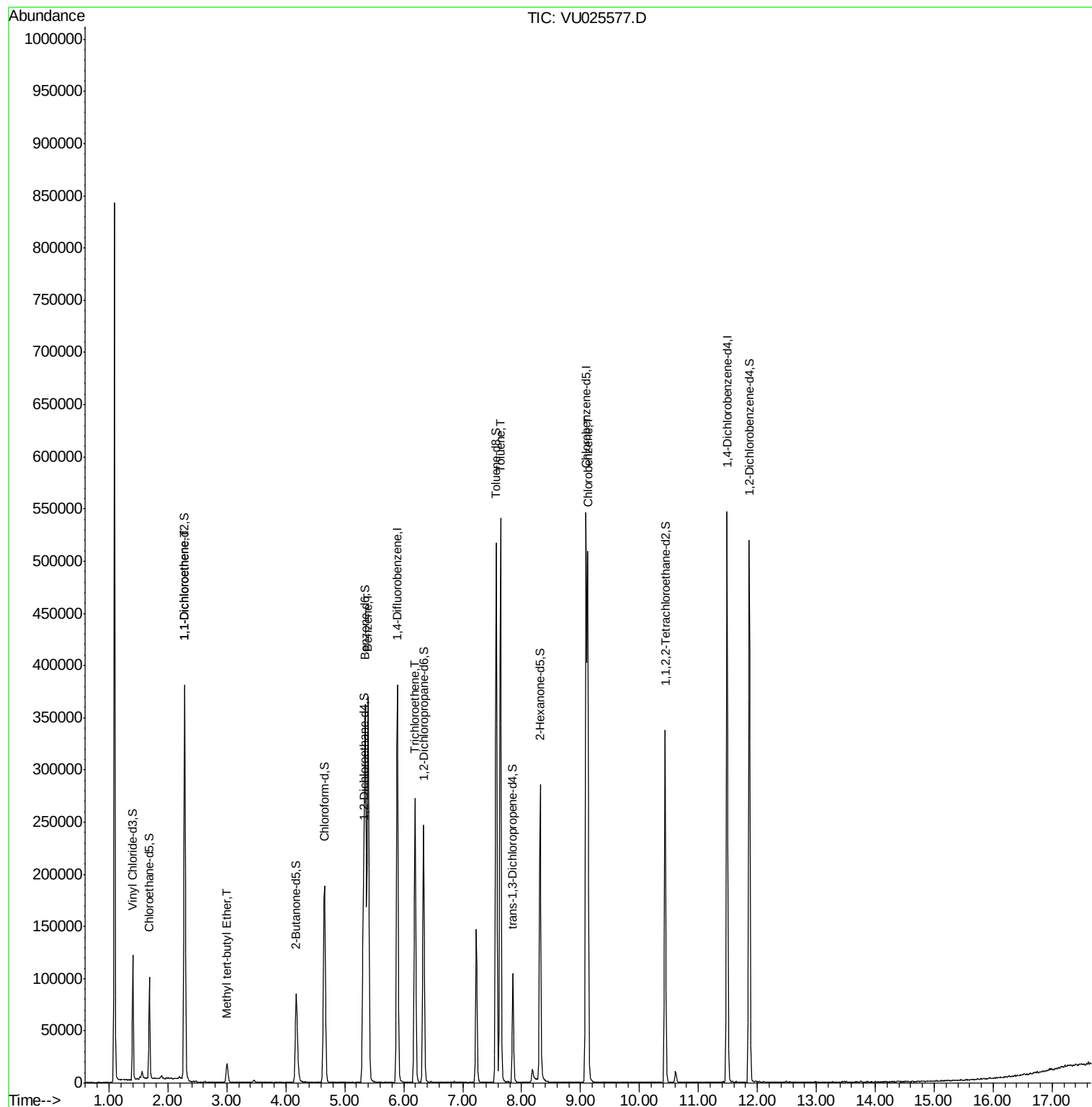
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.29	96	73492	40.07	ug/L	95
18) Methyl tert-butyl Ether	3.00	73	19339	2.81	ug/L	97
33) Benzene	5.39	78	358833	41.97	ug/L	100
34) Trichloroethene	6.19	95	92980	40.99	ug/L	96
42) Toluene	7.64	91	387943	42.08	ug/L	99
51) Chlorobenzene	9.12	112	258475	41.65	ug/L	99

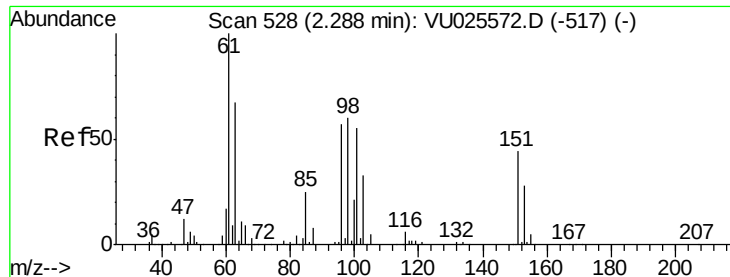
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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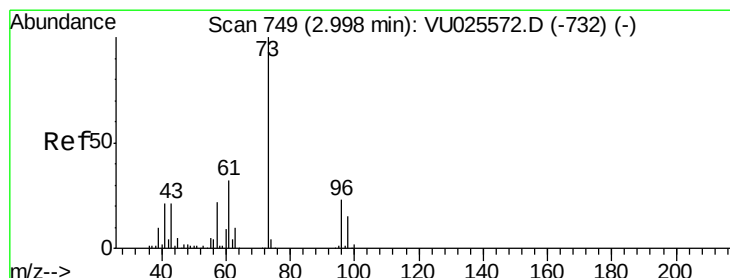
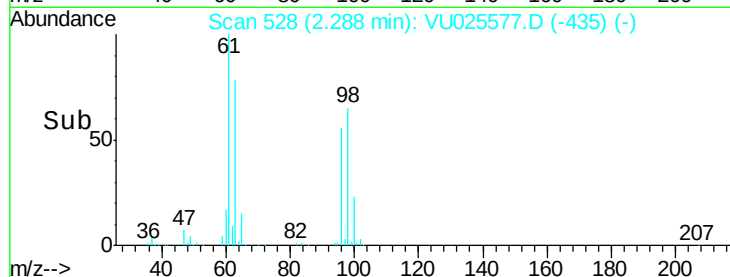
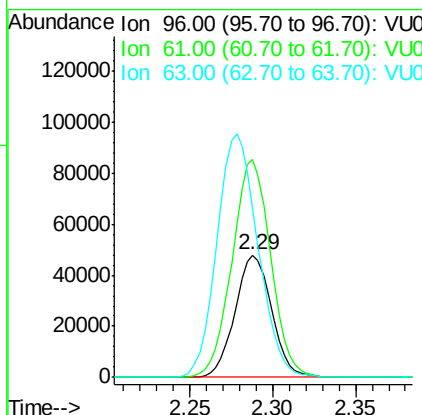
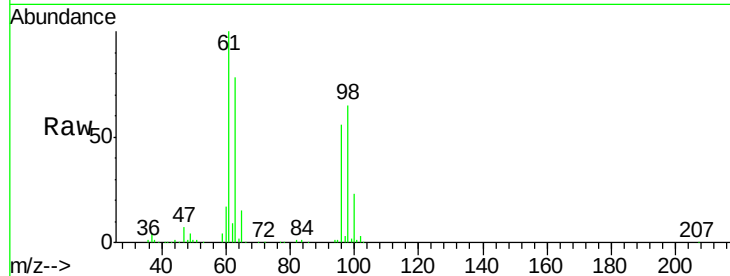




#12
 1,1-Dichloroethene
 Concen: 40.07 ug/L
 RT: 2.29 min Scan# 528
 Delta R.T. 0.00 min
 Lab File: VU025577.D
 Acq: 21 Jul 2018 12:07

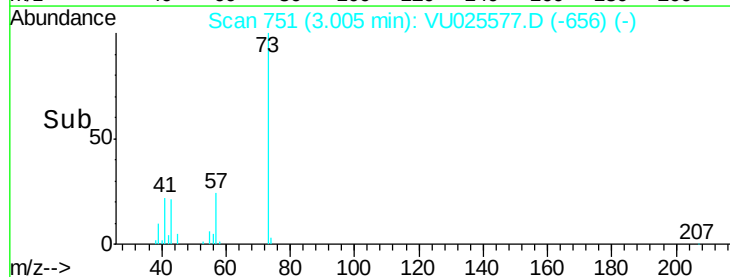
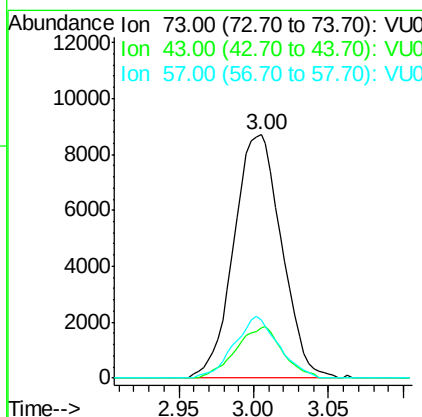
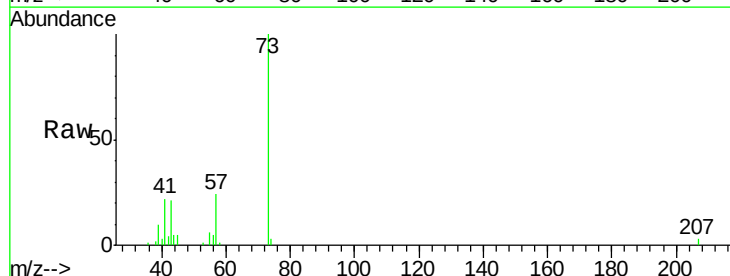
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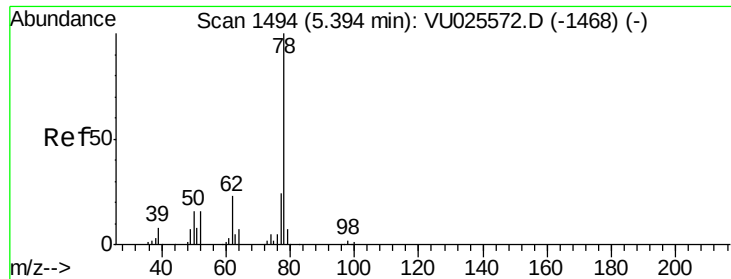
Tot Ion	96	Resp	73492
Ion	Ratio	Lower	Upper
96	100		
61	178.6	122.5	227.5
63	138.9	90.9	168.9



#18
 Methyl tert-butyl Ether
 Concen: 2.81 ug/L
 RT: 3.00 min Scan# 751
 Delta R.T. 0.01 min
 Lab File: VU025577.D
 Acq: 21 Jul 2018 12:07

Tgt Ion	73	Resp	19339
Ion	Ratio	Lower	Upper
73	100		
43	20.7	16.2	24.2
57	23.5	17.1	25.7

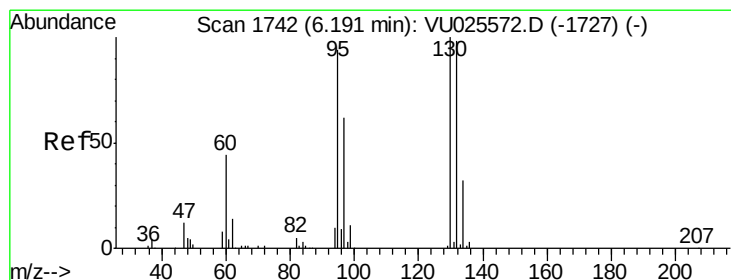
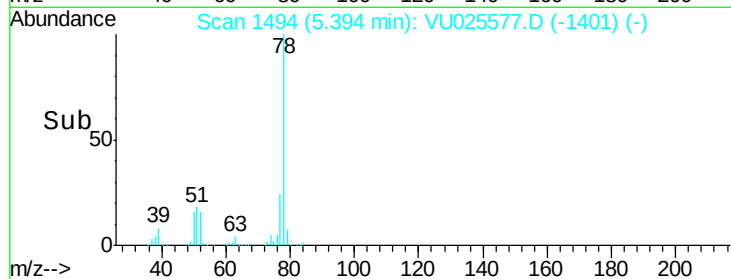
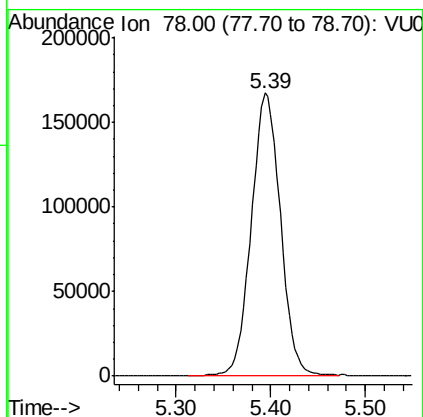
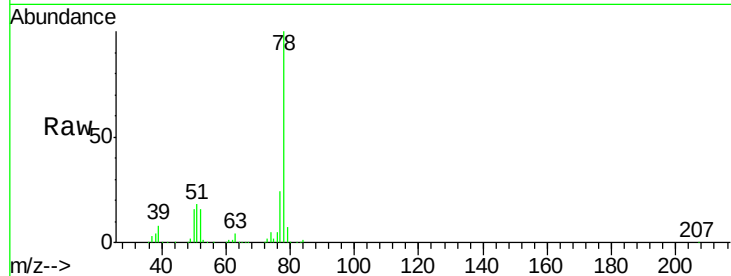




#33
Benzene
Concen: 41.97 ug/L
RT: 5.39 min Scan# 1494
Delta R.T. 0.00 min
Lab File: VU025577.D
Acq: 21 Jul 2018 12:07

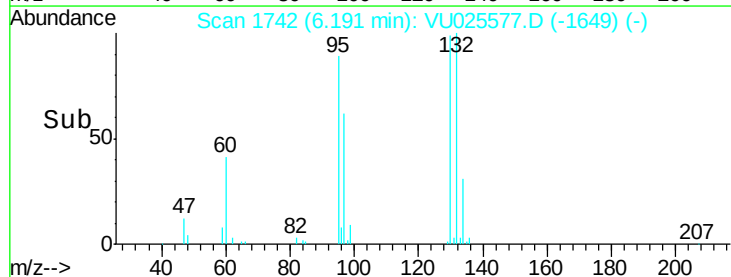
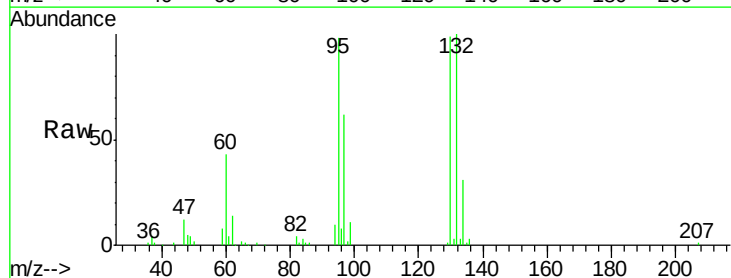
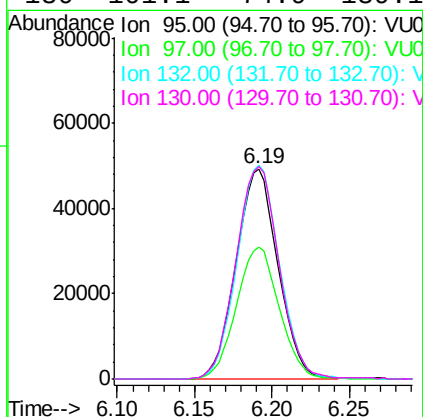
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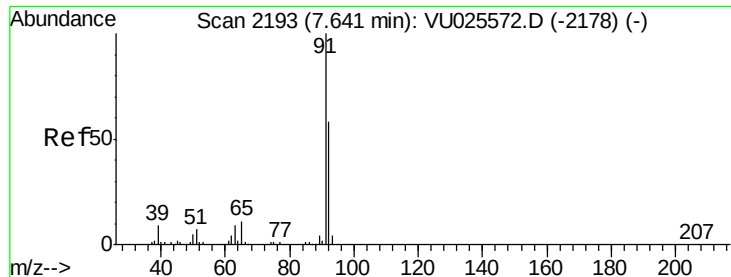
Tgt Ion: 78 Resp: 358833



#34
Trichloroethene
Concen: 40.99 ug/L
RT: 6.19 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VU025577.D
Acq: 21 Jul 2018 12:07

Tgt Ion: 95 Resp: 92980
Ion Ratio Lower Upper
95 100
97 62.6 45.9 85.3
132 101.7 72.2 134.2
130 101.1 74.9 139.1





#42

Toluene

Concen: 42.08 ug/L

RT: 7.64 min Scan# 2193

Delta R.T. 0.00 min

Lab File: VU025577.D

Acq: 21 Jul 2018 12:07

Instrument :

MSVOA_U

ClientSampleId :

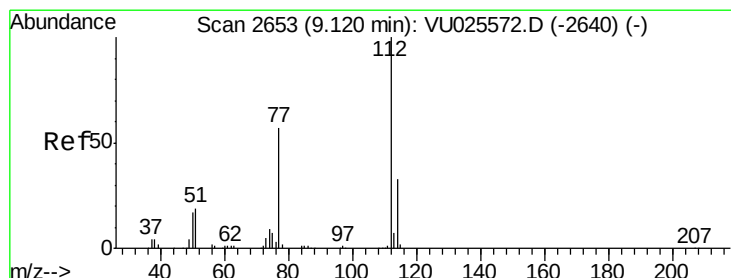
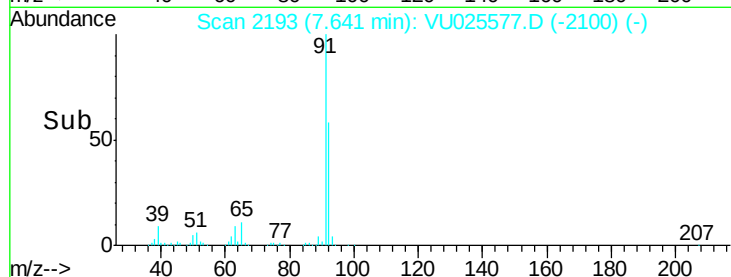
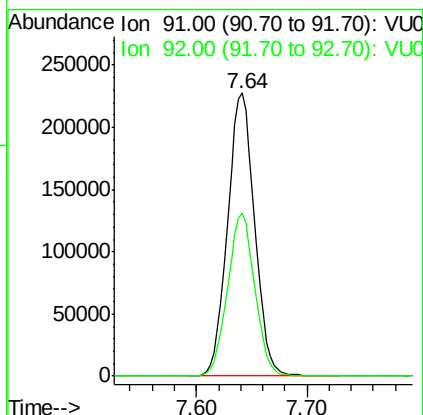
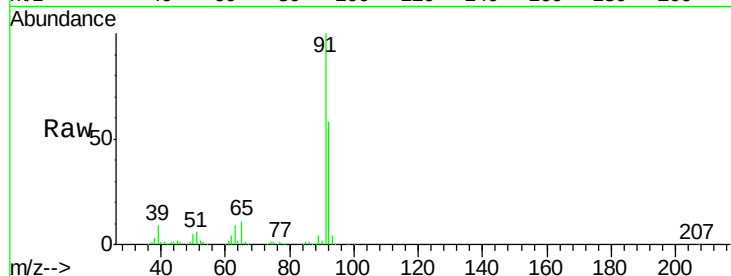
H0AA7MSD

Tot Ion: 91 Resp: 387943

Ion Ratio Lower Upper

91 100

92 57.5 40.0 74.2



#51

Chlorobenzene

Concen: 41.65 ug/L

RT: 9.12 min Scan# 2653

Delta R.T. 0.00 min

Lab File: VU025577.D

Acq: 21 Jul 2018 12:07

Tgt Ion: 112 Resp: 258475

Ion Ratio Lower Upper

112 100

114 32.5 22.5 41.9

77 56.6 45.8 68.8

