

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U111920\
 Data File : VU041348.D
 Acq On : 19 Nov 2020 17:13
 Operator : SY/MD
 Sample : L4790-06DL 100X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H4398DL

Quant Time: Nov 20 09:35:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Nov 20 05:56:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.37	114	63051	5.00	ug/L	0.11
28) Chlorobenzene-d5	9.45	117	63584	5.00	ug/L	0.03
60) 1,4-Dichlorobenzene-d4	11.82	152	25983	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.68	65	18678	4.03	ug/L	0.08
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.60%
7) Chloroethane-d5	2.02	69	17638	4.45	ug/L	0.10
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.00%
11) 1,1-Dichloroethene-d2	2.69	63	32018	3.34	ug/L	0.11
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.80%
20) 2-Butanone-d5	4.85	46	61884	32.36	ug/L	0.19
Spiked Amount	50.000	Range	40 - 130	Recovery	=	64.72%
24) Chloroform-d	5.18	84	52704	5.25	ug/L	0.10
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.00%
26) 1,2-Dichloroethane-d4	5.84	65	33227	5.08	ug/L	0.13
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.60%
32) Benzene-d6	5.86	84	91724	5.35	ug/L	0.13
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.00%
36) 1,2-Dichloropropane-d6	6.80	67	32197	5.45	ug/L	0.10
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.00%
41) Toluene-d8	7.96	98	74390	4.61	ug/L	0.06
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.20%
43) trans-1,3-Dichloropropene-	8.23	79	11627	4.57	ug/L	0.05
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.40%
46) 2-Hexanone-d5	8.68	63	51291	37.77	ug/L	0.05
Spiked Amount	50.000	Range	45 - 130	Recovery	=	75.54%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	27059	4.72	ug/L	0.01
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	29920	5.90	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	118.00%

Target Compounds

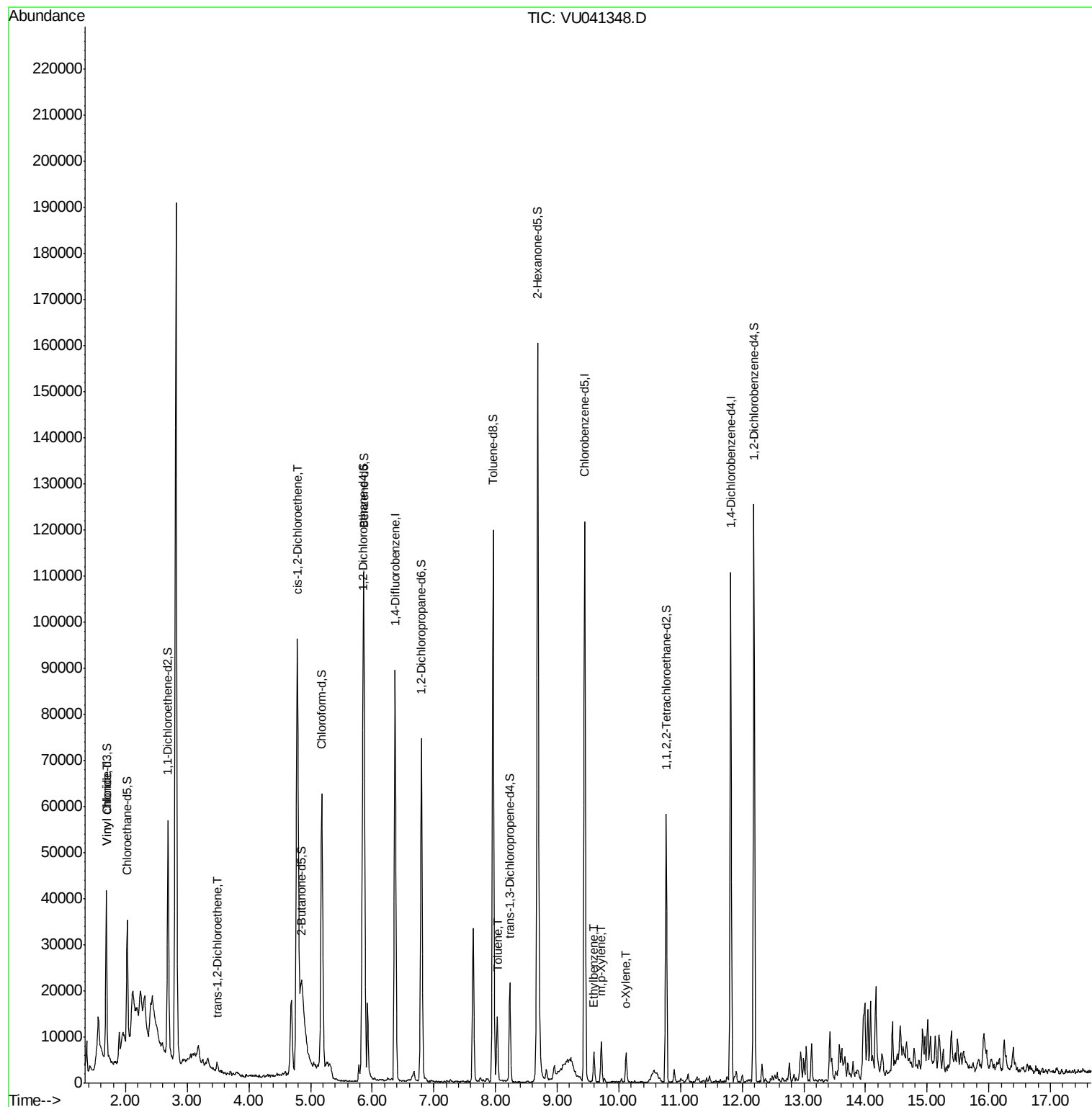
					Ovalue
5) Vinyl chloride	1.69	62	7757	1.417 ug/L #	34
18) trans-1,2-Dichloroethene	3.49	96	558	0.140 ug/L #	91
22) cis-1,2-Dichloroethene	4.78	96	42163	9.339 ug/L	90
42) Toluene	8.03	91	9839	0.534 ug/L	91
52) Ethylbenzene	9.60	91	4736	0.241 ug/L	96
53) m,p-Xylene	9.72	106	2681	0.377 ug/L	97
54) o-Xylene	10.12	106	1681	0.246 ug/L	92

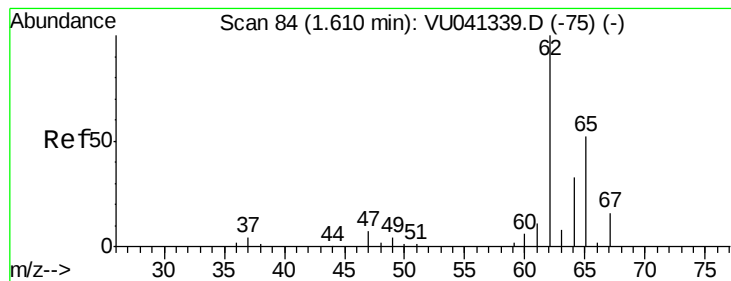
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 1.417 ug/L

RT: 1.69 min Scan# 109

Delta R.T. 0.08 min

Lab File: VU041348.D

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ClientSampleID :

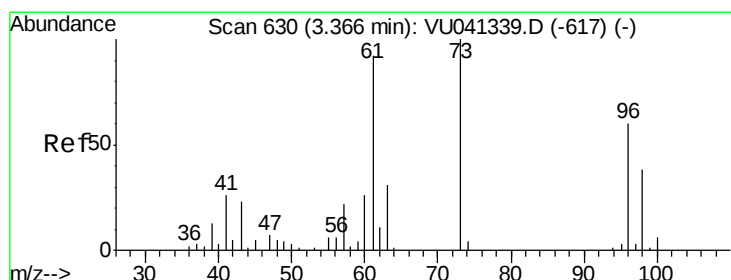
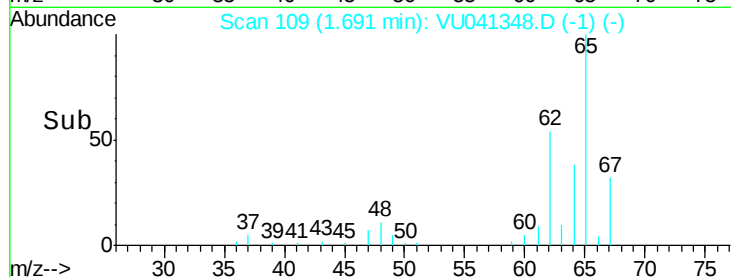
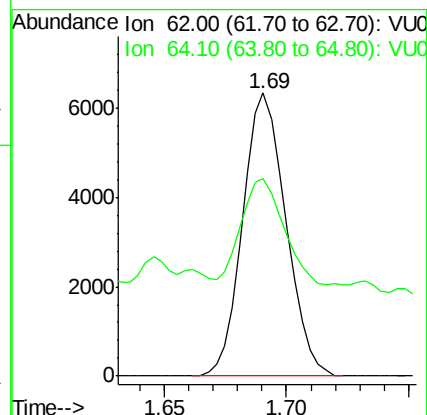
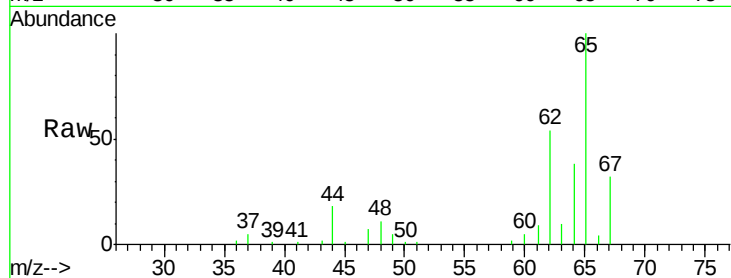
H4398DL

Tot Ion: 62 Resp: 7757

Ion Ratio Lower Upper

62 100

64 69.7 22.7 42.3#



#18

trans-1,2-Dichloroethene

Concen: 0.140 ug/L

RT: 3.49 min Scan# 668

Delta R.T. 0.12 min

Lab File: VU041348.D

Acq: 19 Nov 2020 17:13

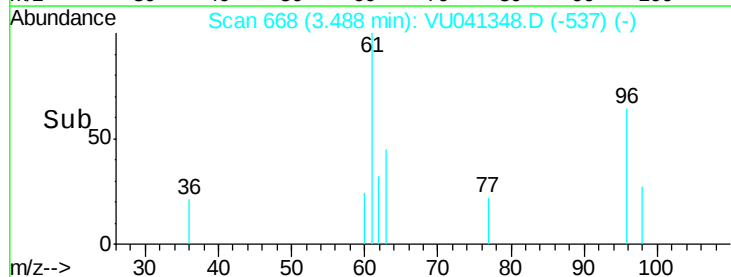
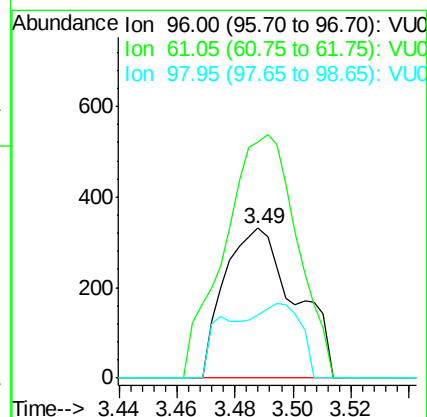
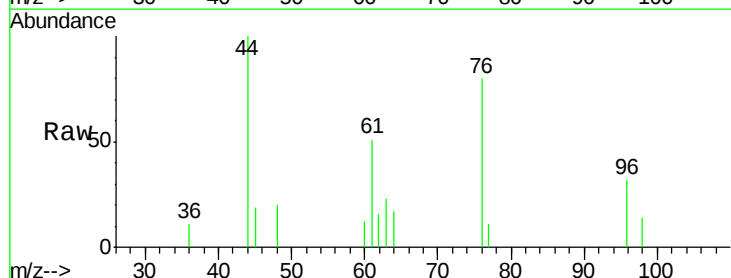
Tgt Ion: 96 Resp: 558

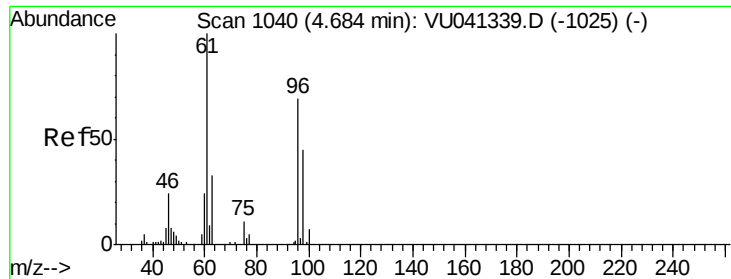
Ion Ratio Lower Upper

96 100

61 157.1 110.9 205.9

98 42.3 45.4 84.2#

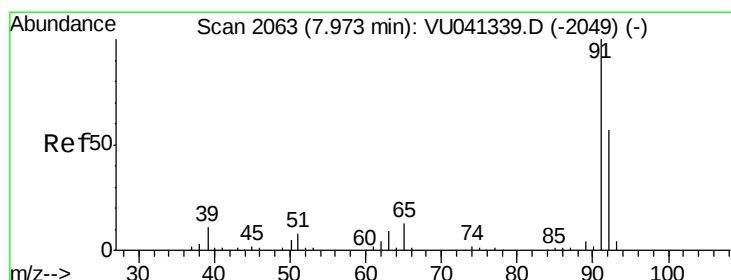
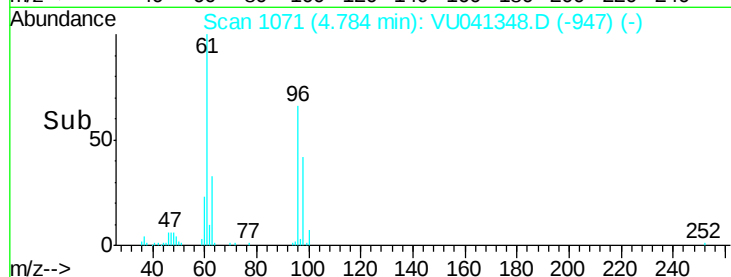
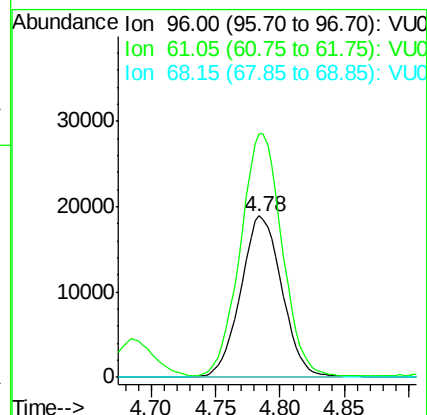
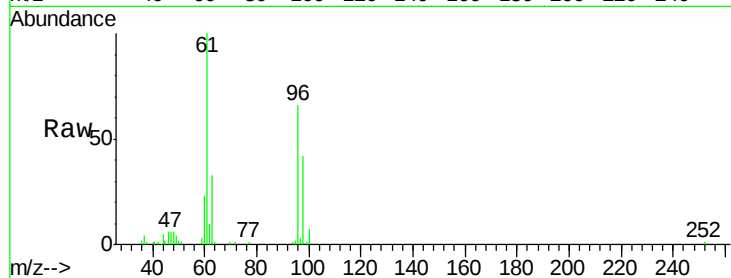




#22
 cis-1,2-Dichloroethene
 Concen: 9.339 ug/L
 RT: 4.78 min Scan# 1071
 Delta R.T. 0.10 min
 Lab File: VU041348.D
 Acq: 19 Nov 2020 17:13

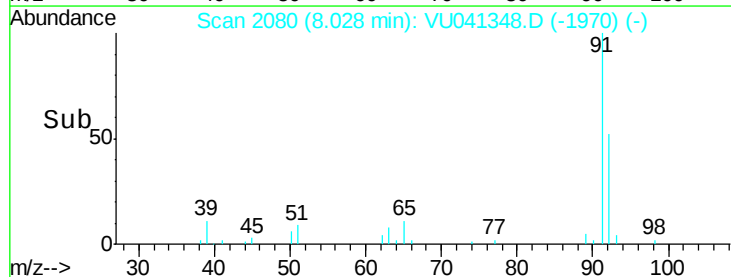
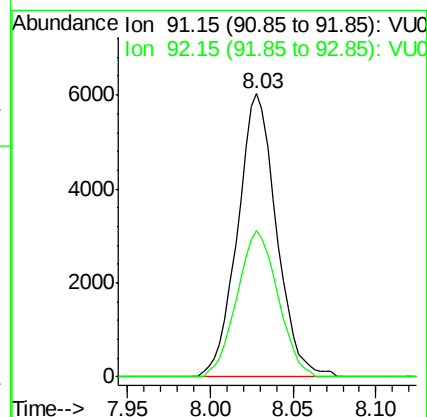
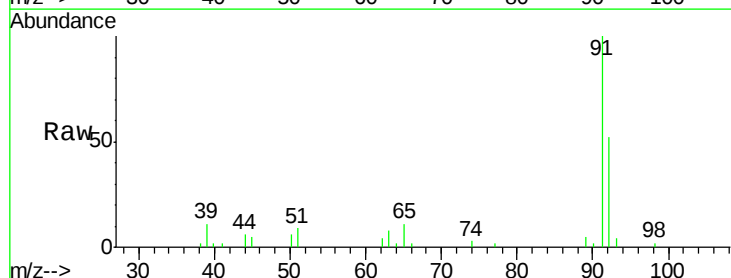
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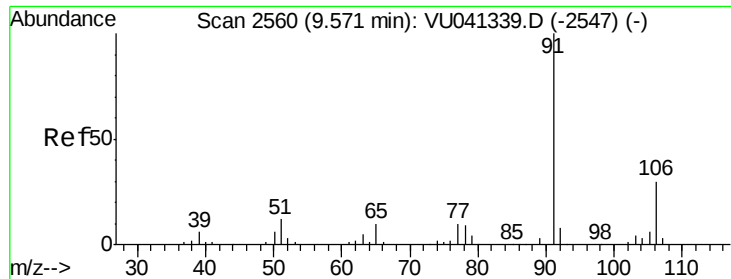
Tot Ion: 96 Resp: 42163
 Ion Ratio Lower Upper
 96 100
 61 150.9 97.2 180.4
 68 0.0 0.0 0.0



#42
 Toluene
 Concen: 0.534 ug/L
 RT: 8.03 min Scan# 2080
 Delta R.T. 0.05 min
 Lab File: VU041348.D
 Acq: 19 Nov 2020 17:13

Tgt Ion: 91 Resp: 9839
 Ion Ratio Lower Upper
 91 100
 92 51.6 40.6 75.4

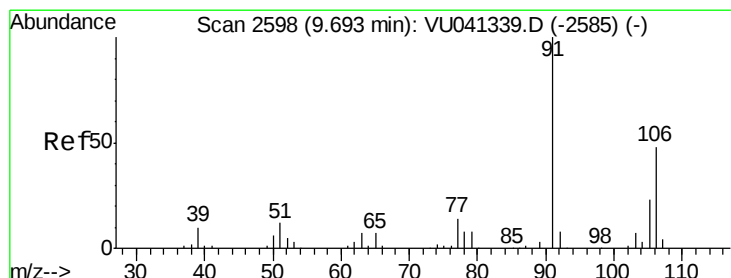
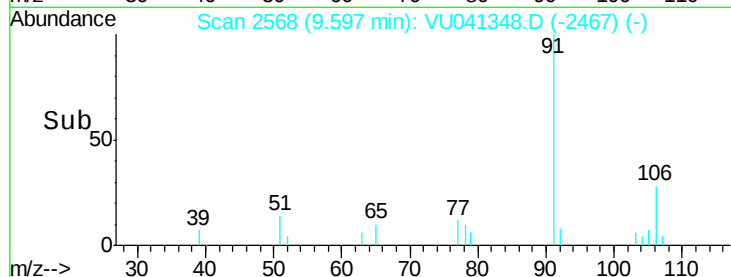
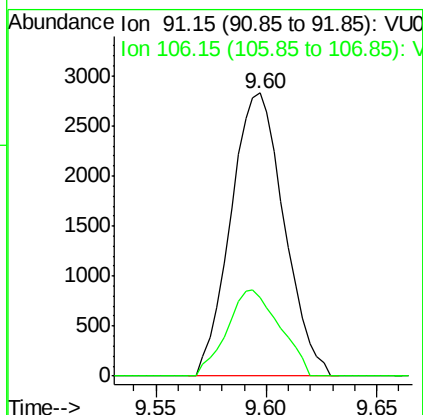
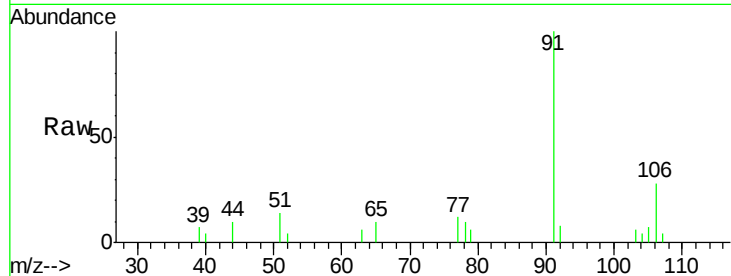




#52
Ethylbenzene
Concen: 0.241 ug/L
RT: 9.60 min Scan# 2568
Delta R.T. 0.03 min
Lab File: VU041348.D
Acq: 19 Nov 2020 17:13

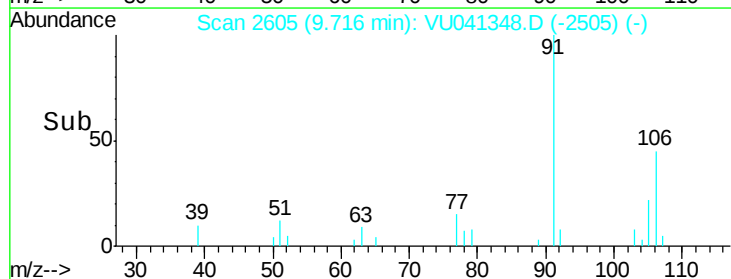
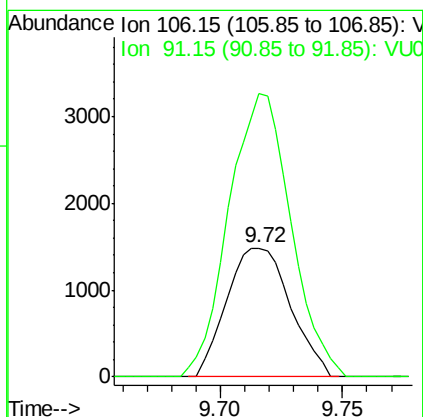
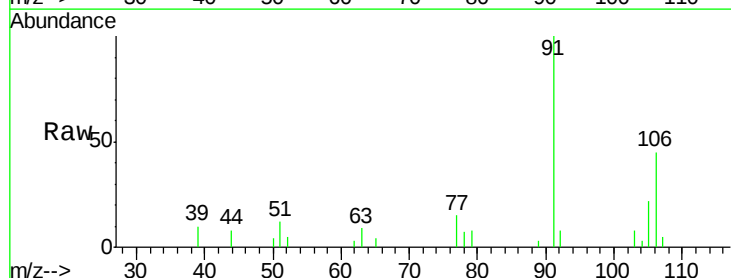
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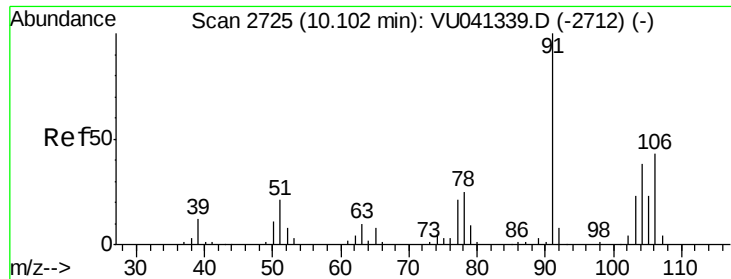
Tot Ion: 91 Resp: 4736
Ion Ratio Lower Upper
91 100
106 28.0 21.0 39.0



#53
m,p-Xylene
Concen: 0.377 ug/L
RT: 9.72 min Scan# 2605
Delta R.T. 0.02 min
Lab File: VU041348.D
Acq: 19 Nov 2020 17:13

Tgt Ion: 106 Resp: 2681
Ion Ratio Lower Upper
106 100
91 220.2 150.9 280.3





#54
 o-Xylene
 Concen: 0.246 ug/L
 RT: 10.12 min Scan# 2730
 Delta R.T. 0.02 min
 Lab File: VU041348.D
 Acq: 19 Nov 2020 17:13

Instrument :
 MSVOA_U
 ClientSampleID :
 H4398DL

Tot Ion:106 Resp: 1681
 Ion Ratio Lower Upper
 106 100
 91 233.4 154.3 286.5

