

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U111920\
 Data File : VU041350.D
 Acq On : 19 Nov 2020 18:01
 Operator : SY/MD
 Sample : L4790-10DL 10X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H4430DL

Quant Time: Nov 20 07:30:52 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	6.26	114	60445	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	60560	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	25382	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	14810	3.33	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	66.60%
7) Chloroethane-d5	1.92	69	14844	3.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.00%
11) 1,1-Dichloroethene-d2	2.57	63	25313	2.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.20%#
20) 2-Butanone-d5	4.67	46	94423	51.51	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.02%
24) Chloroform-d	5.08	84	43975	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.40%
26) 1,2-Dichloroethane-d4	5.72	65	27861	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.80%
32) Benzene-d6	5.74	84	69701	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.40%
36) 1,2-Dichloropropane-d6	6.70	67	26005	4.62	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.40%
41) Toluene-d8	7.91	98	51862	3.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	67.40%#
43) trans-1,3-Dichloropropene-	8.19	79	10168	4.20	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.00%
46) 2-Hexanone-d5	8.64	63	63524	49.11	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.22%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	26206	4.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	24153	4.88	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.60%

Target Compounds

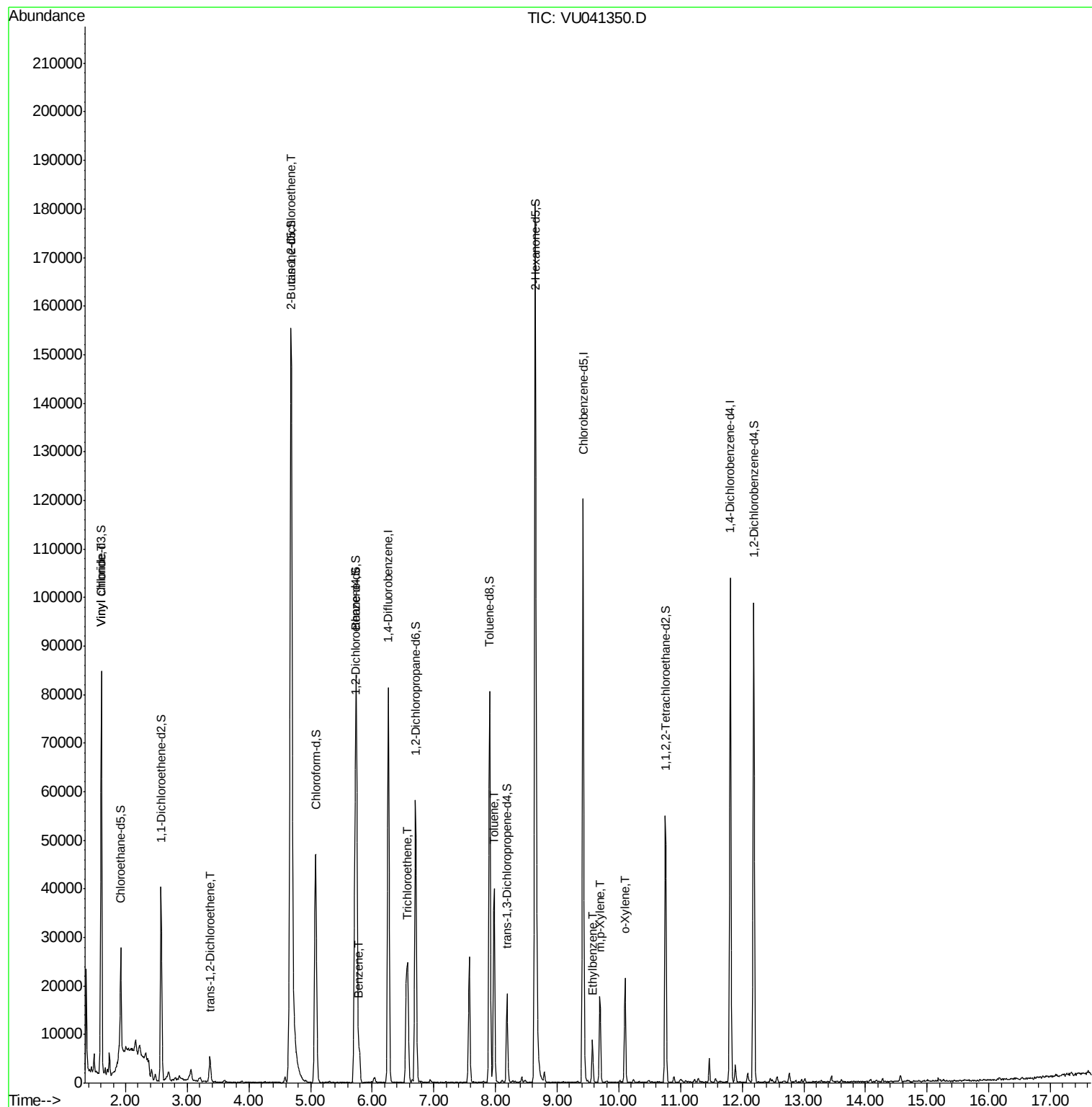
					Ovalue
5) Vinyl chloride	1.61	62	40896	7.794	ug/L 98
18) trans-1,2-Dichloroethene	3.37	96	2114	0.552	ug/L 88
22) cis-1,2-Dichloroethene	4.68	96	63585	14.692	ug/L 96
33) Benzene	5.79	78	6044	0.368	ug/L 100
34) Trichloroethene	6.56	95	6667	1.503	ug/L 92
42) Toluene	7.98	91	27348	1.559	ug/L 95
52) Ethylbenzene	9.57	91	6092	0.325	ug/L 94
53) m,p-Xylene	9.70	106	4638	0.685	ug/L 92
54) o-Xylene	10.10	106	5309	0.814	ug/L 98

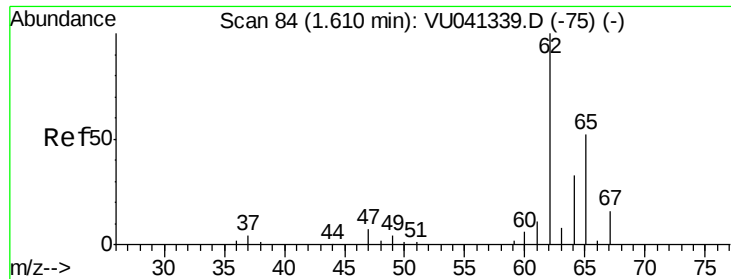
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 7.794 ug/L

RT: 1.61 min Scan# 83

Delta R.T. -0.00 min

Lab File: VU041350.D

Acq: 19 Nov 2020 18:01

Instrument :

MSVOA_U

ClientSampled :

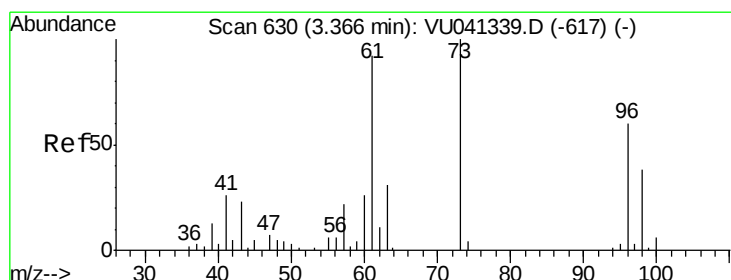
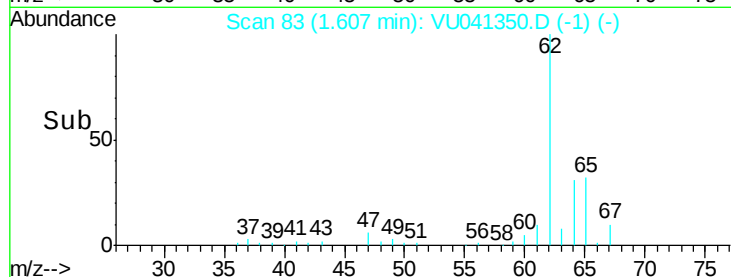
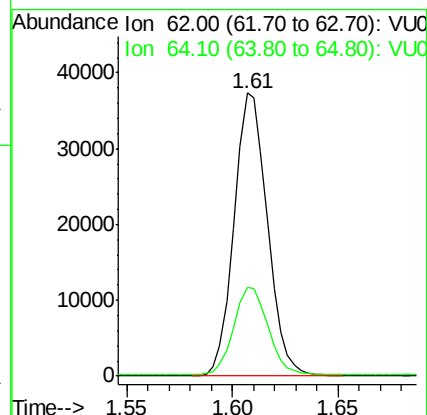
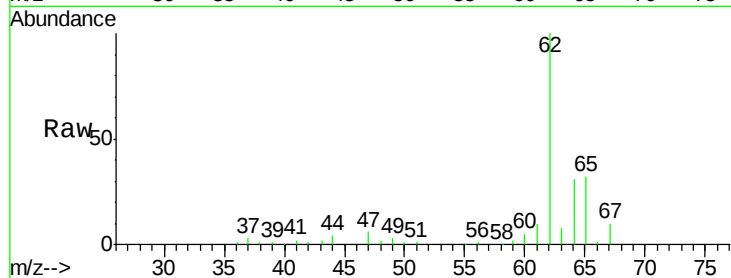
H4430DL

Tot Ion: 62 Resp: 40896

Ion Ratio Lower Upper

62 100

64 31.3 22.7 42.3



#18

trans-1,2-Dichloroethene

Concen: 0.552 ug/L

RT: 3.37 min Scan# 632

Delta R.T. 0.01 min

Lab File: VU041350.D

Acq: 19 Nov 2020 18:01

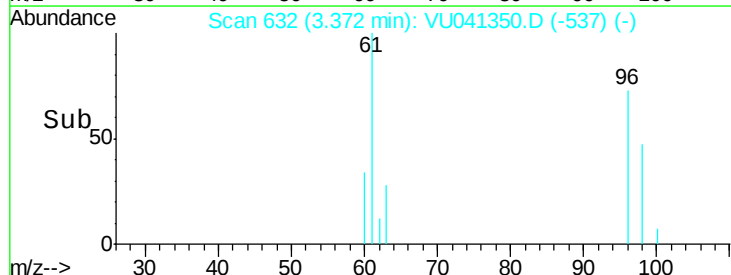
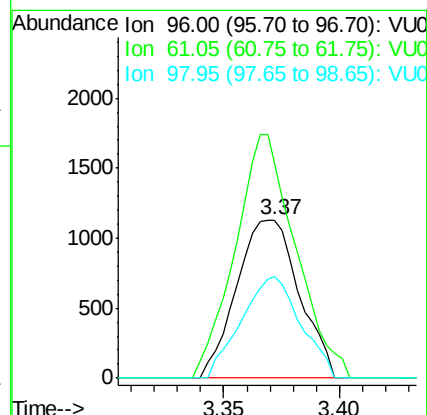
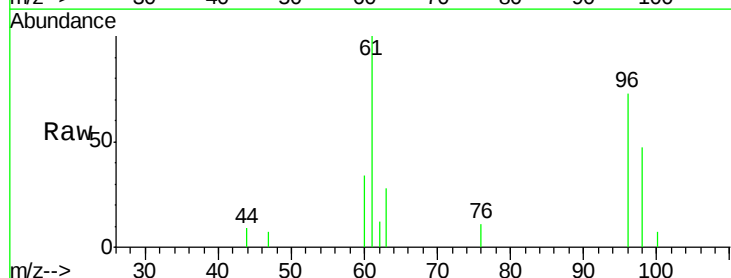
Tgt Ion: 96 Resp: 2114

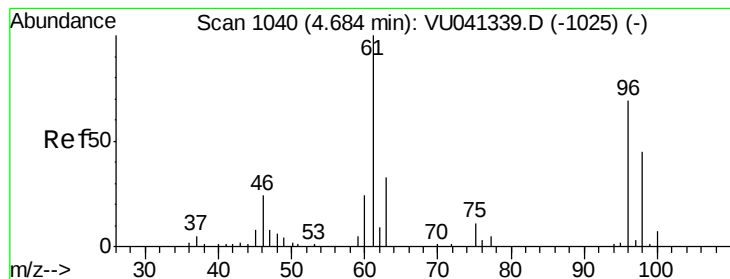
Ion Ratio Lower Upper

96 100

61 136.2 110.9 205.9

98 64.0 45.4 84.2





#22

cis-1,2-Dichloroethene

Concen: 14.692 ug/L

RT: 4.68 min Scan# 1040

Delta R.T. 0.00 min

Lab File: VU041350.D

Acq: 19 Nov 2020 18:01

Instrument :

MSVOA_U

ClientSampleId :

H4430DL

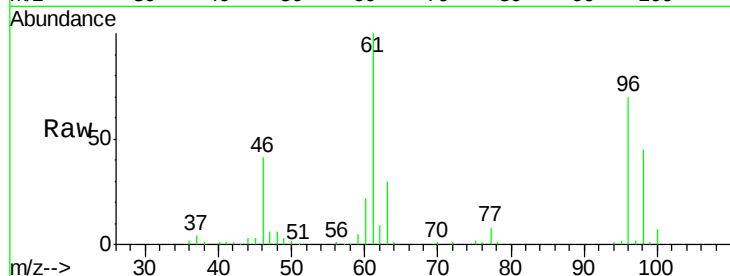
Tot Ion: 96 Resp: 63585

Ion Ratio Lower Upper

96 100

61 143.3 97.2 180.4

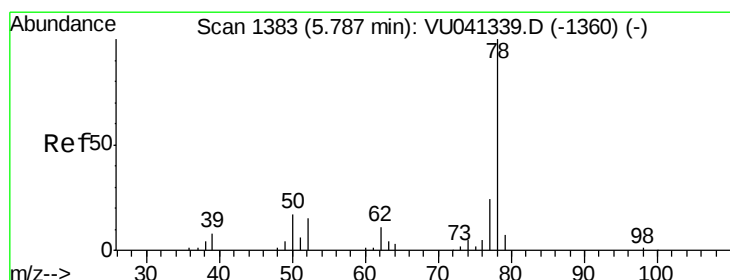
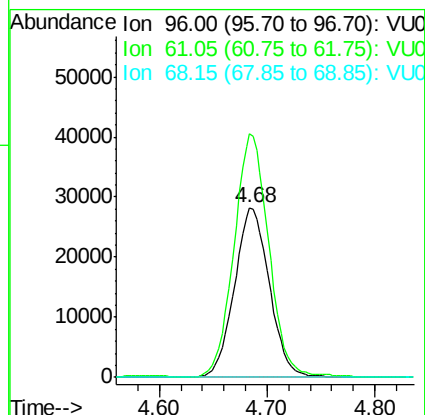
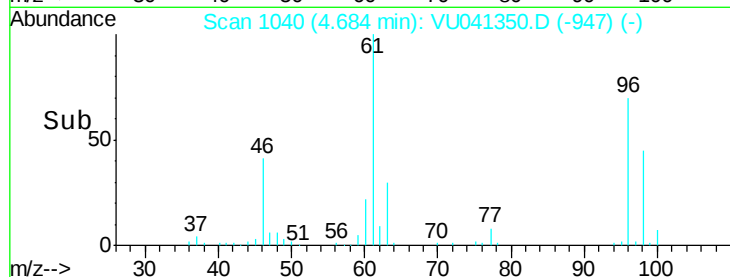
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 68.15 (67.85 to 68.85): VU0



#33

Benzene

Concen: 0.368 ug/L

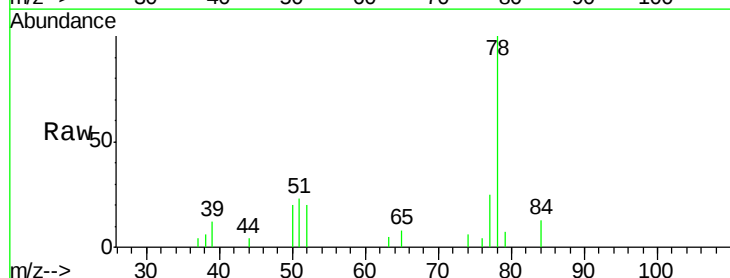
RT: 5.79 min Scan# 1384

Delta R.T. 0.00 min

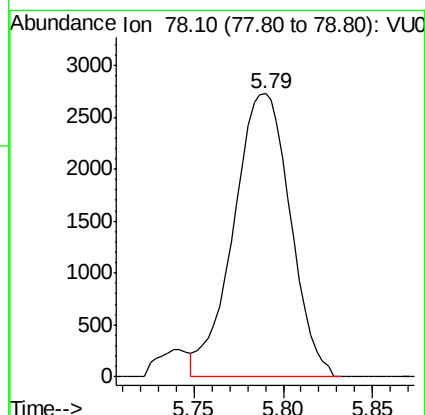
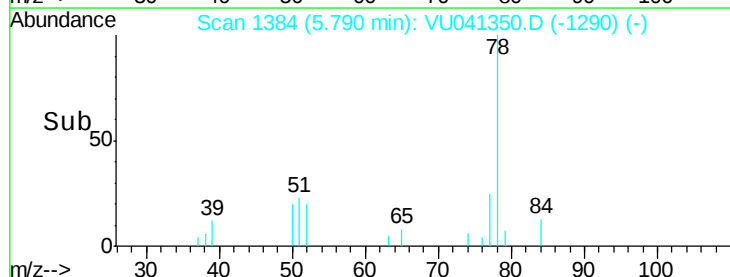
Lab File: VU041350.D

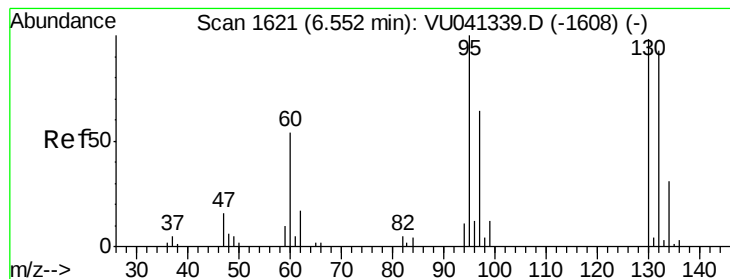
Acq: 19 Nov 2020 18:01

Tgt Ion: 78 Resp: 6044



Abundance Ion 78.10 (77.80 to 78.80): VU0





#34

Trichloroethene

Concen: 1.503 ug/L

RT: 6.56 min Scan# 1622

Delta R.T. 0.00 min

Lab File: VU041350.D

Acq: 19 Nov 2020 18:01

Instrument :

MSVOA_U

ClientSampleId :

H4430DL

Tot Ion: 95 Resp: 6667

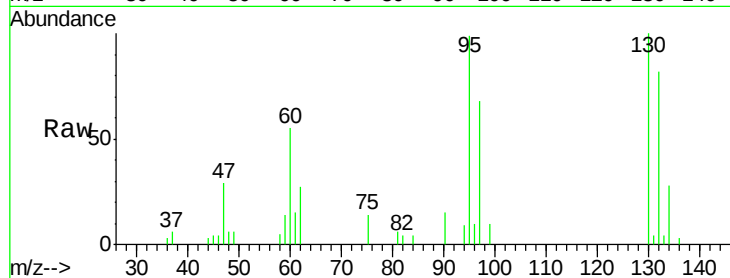
Ion Ratio Lower Upper

95 100

97 68.5 45.6 84.6

132 82.8 64.8 120.4

130 101.0 64.8 120.4

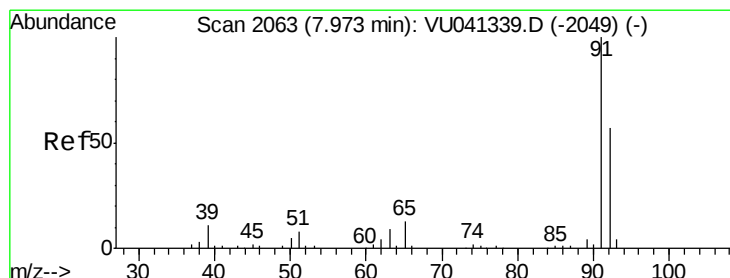
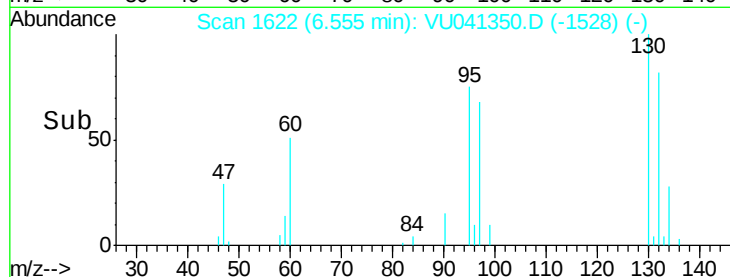
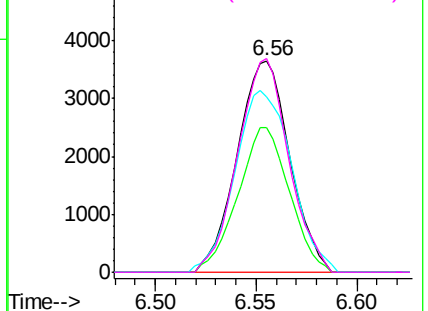


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#42

Toluene

Concen: 1.559 ug/L

RT: 7.98 min Scan# 2064

Delta R.T. 0.00 min

Lab File: VU041350.D

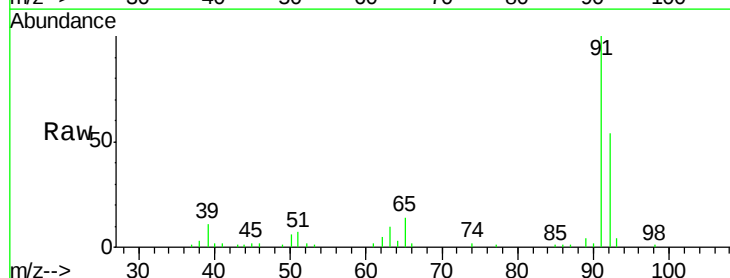
Acq: 19 Nov 2020 18:01

Tgt Ion: 91 Resp: 27348

Ion Ratio Lower Upper

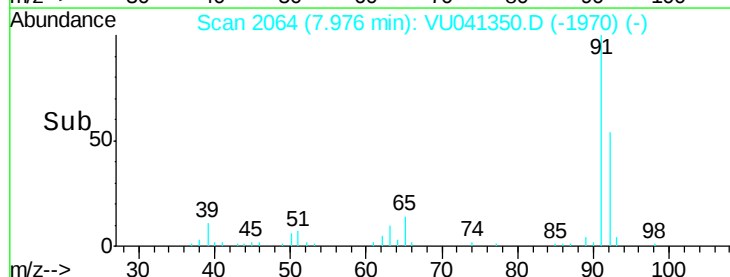
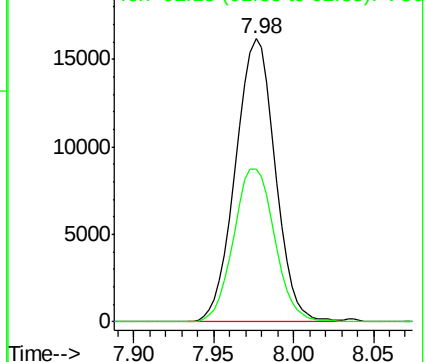
91 100

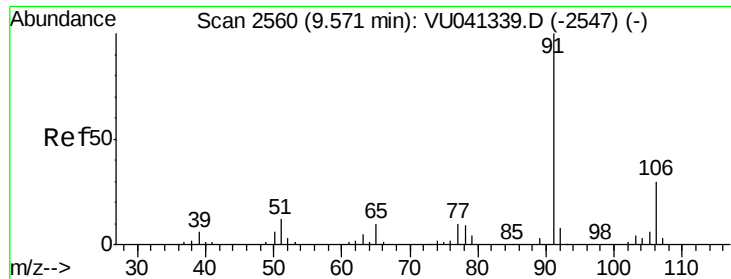
92 53.9 40.6 75.4



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 92.15 (91.85 to 92.85): VU0





#52

Ethylbenzene

Concen: 0.325 ug/L

RT: 9.57 min Scan# 2560

Delta R.T. -0.00 min

Lab File: VU041350.D

Acq: 19 Nov 2020 18:01

Instrument :

MSVOA_U

ClientSampleId :

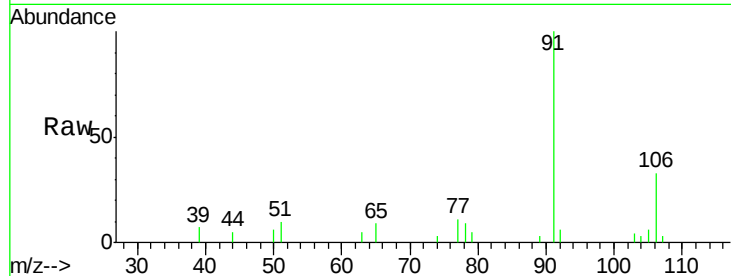
H4430DL

Tot Ion: 91 Resp: 6092

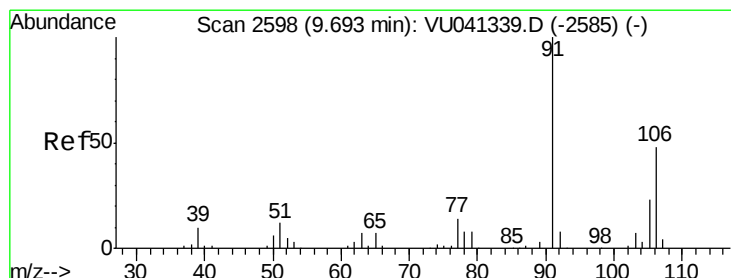
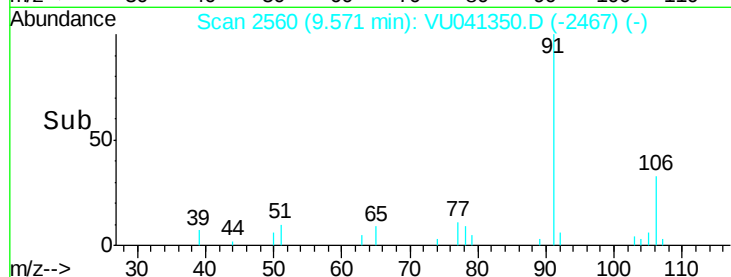
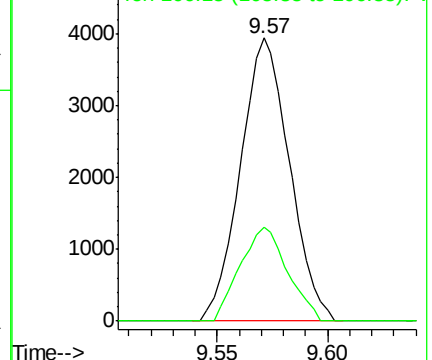
Ion Ratio Lower Upper

91 100

106 33.3 21.0 39.0



Abundance Ion 91.15 (90.85 to 91.85): VU041339.D (-2547) (-)



#53

m,p-Xylene

Concen: 0.685 ug/L

RT: 9.70 min Scan# 2599

Delta R.T. 0.00 min

Lab File: VU041350.D

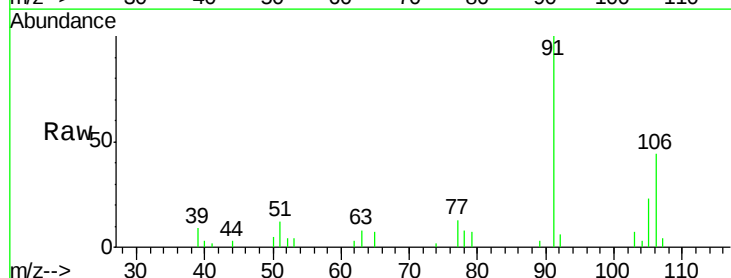
Acq: 19 Nov 2020 18:01

Tgt Ion: 106 Resp: 4638

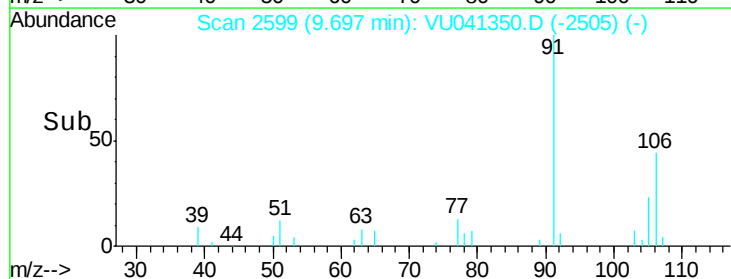
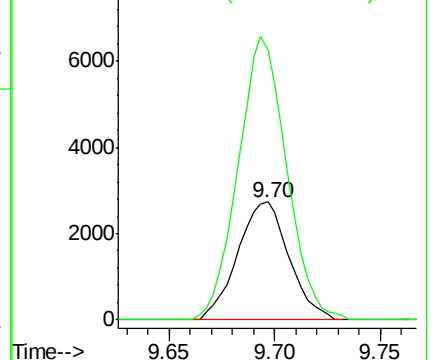
Ion Ratio Lower Upper

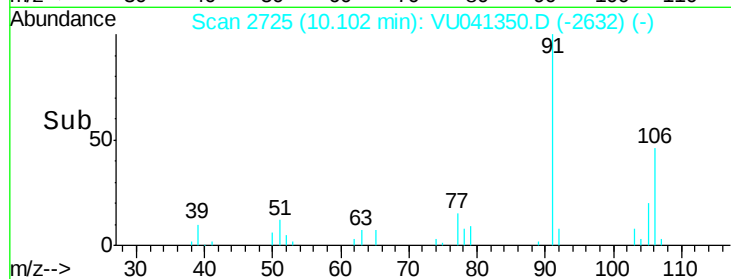
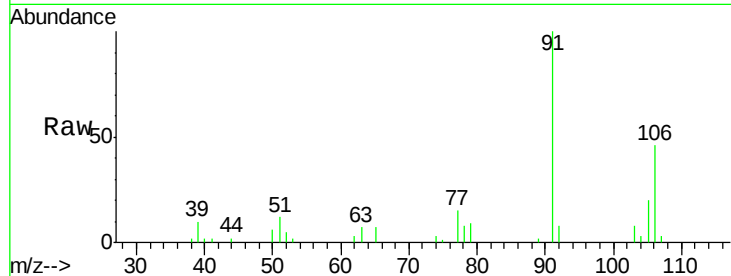
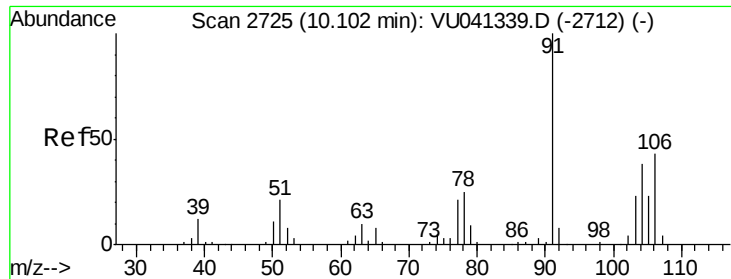
106 100

91 229.0 150.9 280.3



Abundance Ion 106.15 (105.85 to 106.85): VU041339.D (-2585) (-)





#54

o-Xylene

Concen: 0.814 ug/L

RT: 10.10 min Scan# 2725

Delta R.T. 0.00 min

Lab File: VU041350.D

Acq: 19 Nov 2020 18:01

Instrument :

MSVOA_U

ClientSampleId :

H4430DL

Tot Ion:106 Resp: 5309

Ion Ratio Lower Upper

106 100

91 216.7 154.3 286.5

Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VU0

