

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100920\
 Data File : VU040617.D
 Acq On : 10 Oct 2020 04:47
 Operator : SY/MD
 Sample : L4352-14
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETZ08

Quant Time: Oct 10 07:34:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Oct 10 05:58:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	132973	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	135928	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	60111	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	46228	4.19	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.80%
7) Chloroethane-d5	1.92	69	40032	4.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.20%
11) 1,1-Dichloroethene-d2	2.58	63	71686	3.33	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.60%
20) 2-Butanone-d5	4.66	46	188166	53.37	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.74%
24) Chloroform-d	5.08	84	94538	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
26) 1,2-Dichloroethane-d4	5.72	65	58912	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.00%
32) Benzene-d6	5.75	84	176508	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
36) 1,2-Dichloropropane-d6	6.70	67	60562	4.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.60%
41) Toluene-d8	7.91	98	142249	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.60%
43) trans-1,3-Dichloropropene-	8.19	79	23267	4.51	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.20%
46) 2-Hexanone-d5	8.64	63	134179	50.50	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.00%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	53047	4.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	58954	5.29	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.80%

Target Compounds

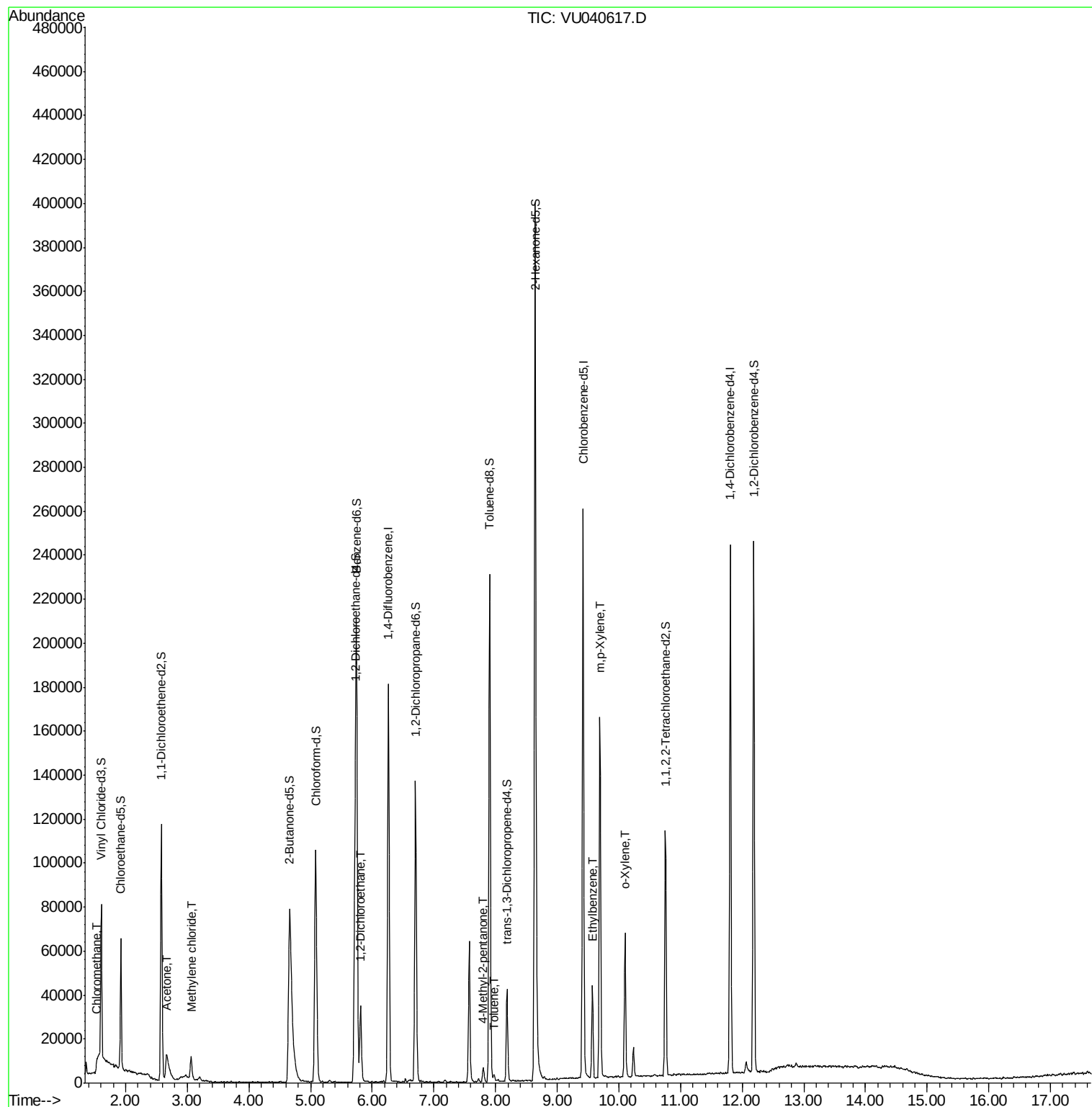
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.53	50	1821	0.162	ug/L	96
13) Acetone	2.67	43	27941	10.223	ug/L	69
16) Methylene chloride	3.06	84	4010	0.329	ug/L	90
27) 1,2-Dichloroethane	5.81	62	29815	2.009	ug/L	98
40) 4-Methyl-2-pentanone	7.80	43	4757	0.490	ug/L #	85
42) Toluene	7.98	91	1745	0.039	ug/L	86
52) Ethylbenzene	9.57	91	28368	0.589	ug/L	99
53) m,p-Xylene	9.69	106	43478	2.477	ug/L	92
54) o-Xylene	10.10	106	16191	0.959	ug/L	97

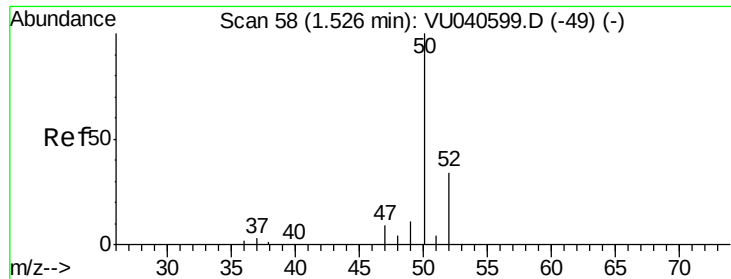
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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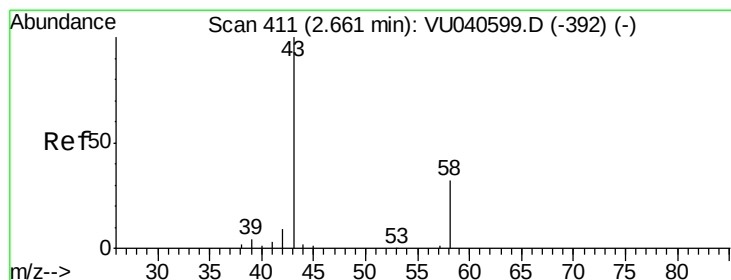
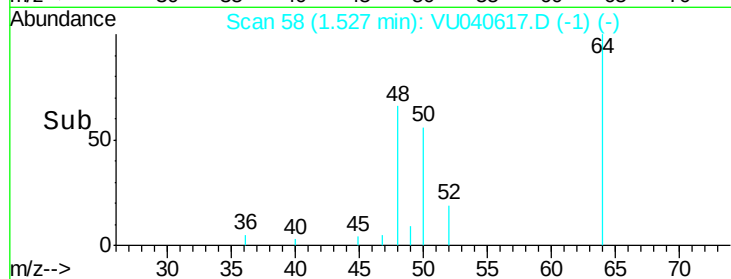
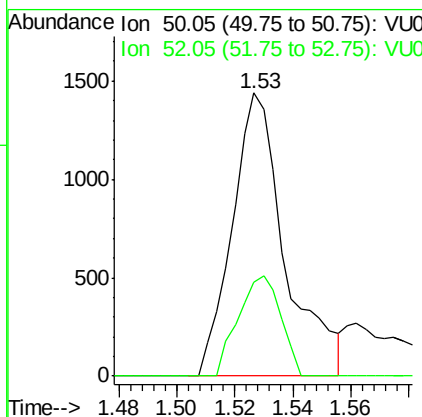
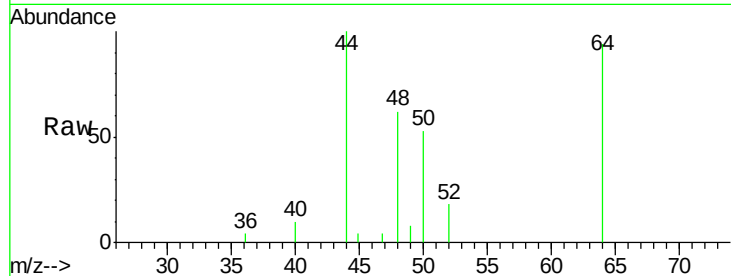




#3
 Chloromethane
 Concen: 0.162 ug/L
 RT: 1.53 min Scan# 58
 Delta R.T. 0.00 min
 Lab File: VU040617.D
 Acq: 10 Oct 2020 04:47

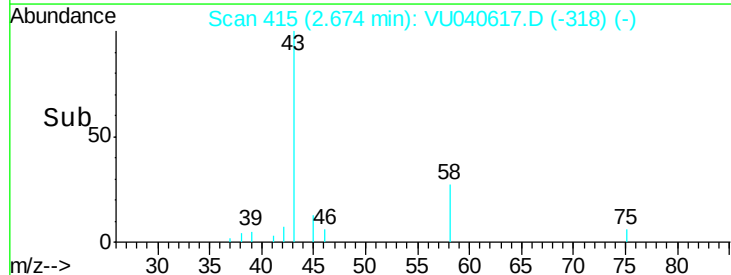
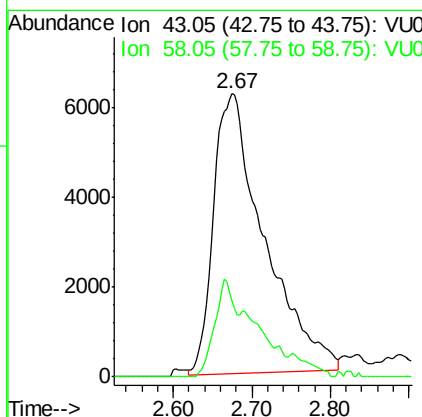
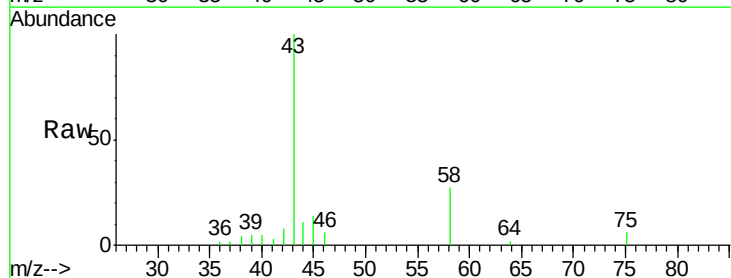
Instrument :
 MSVOA_U
 ClientSampleId :
 ETZ08

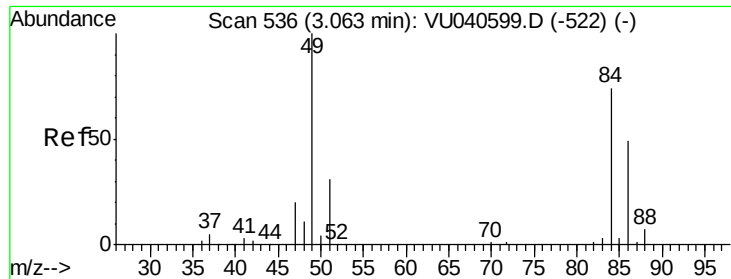
Tot Ion: 50 Resp: 1821
 Ion Ratio Lower Upper
 50 100
 52 33.2 21.9 40.7



#13
 Acetone
 Concen: 10.223 ug/L
 RT: 2.67 min Scan# 415
 Delta R.T. 0.01 min
 Lab File: VU040617.D
 Acq: 10 Oct 2020 04:47

Tgt Ion: 43 Resp: 27941
 Ion Ratio Lower Upper
 43 100
 58 13.3 0.0 60.6

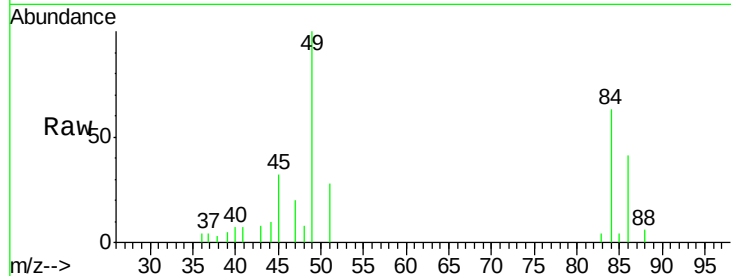




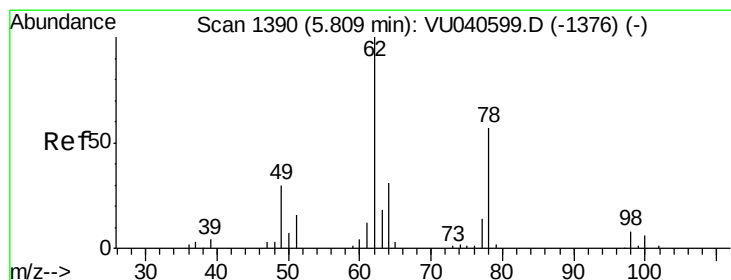
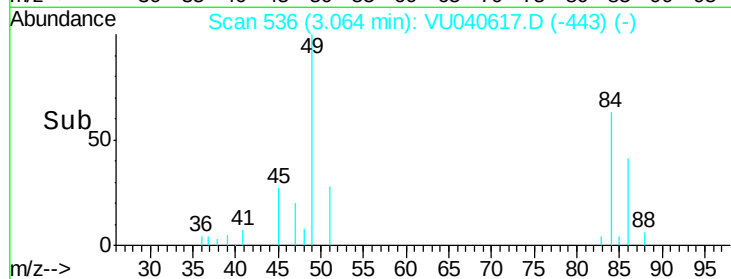
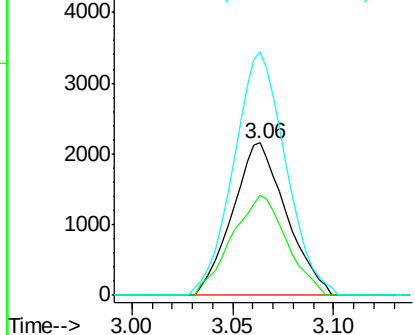
#16
Methylene chloride
Concen: 0.329 ug/L
RT: 3.06 min Scan# 536
Delta R.T. 0.00 min
Lab File: VU040617.D
Acq: 10 Oct 2020 04:47

Instrument :
MSVOA_U
ClientSampleId :
ETZ08

Tot Ion: 84 Resp: 4010
Ion Ratio Lower Upper
84 100
86 65.6 45.4 84.4
49 159.9 99.8 185.3

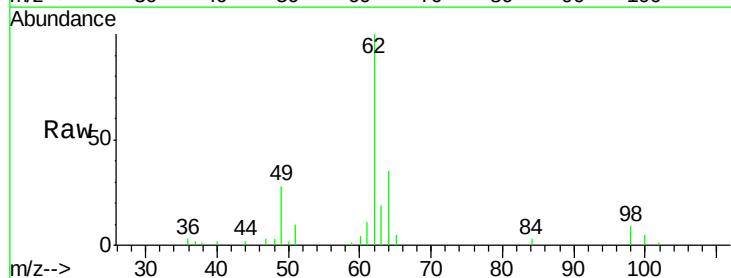


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

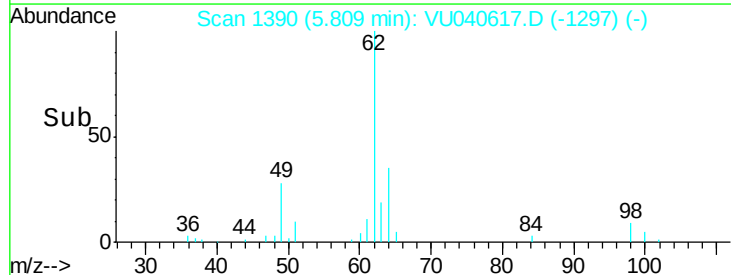
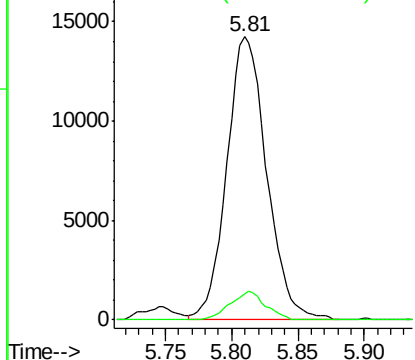


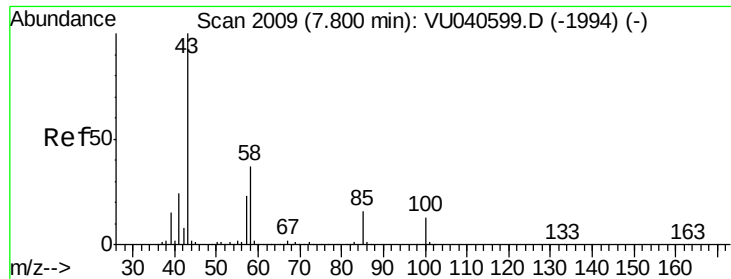
#27
1,2-Dichloroethane
Concen: 2.009 ug/L
RT: 5.81 min Scan# 1390
Delta R.T. 0.00 min
Lab File: VU040617.D
Acq: 10 Oct 2020 04:47

Tgt Ion: 62 Resp: 29815
Ion Ratio Lower Upper
62 100
98 9.1 6.6 10.0



Abundance Ion 62.00 (61.70 to 62.70): VU0
Ion 98.05 (97.75 to 98.75): VU0

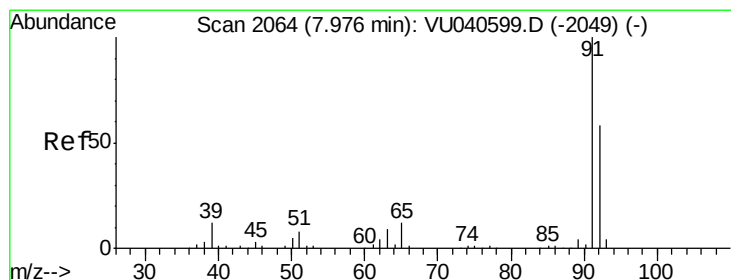
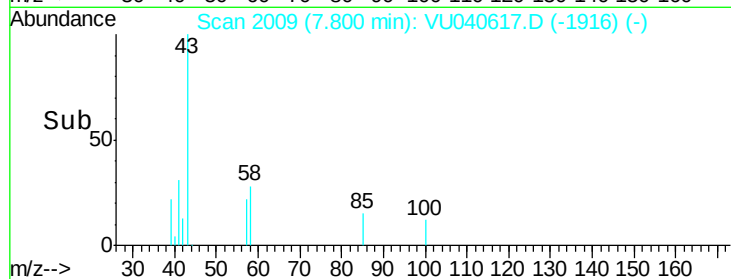
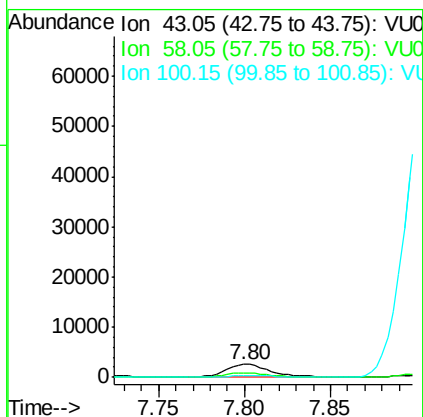
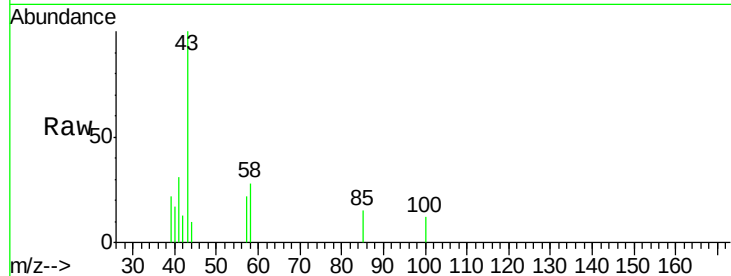




#40
 4-Methyl-2-pentanone
 Concen: 0.490 ug/L
 RT: 7.80 min Scan# 2009
 Delta R.T. 0.00 min
 Lab File: VU040617.D
 Acq: 10 Oct 2020 04:47

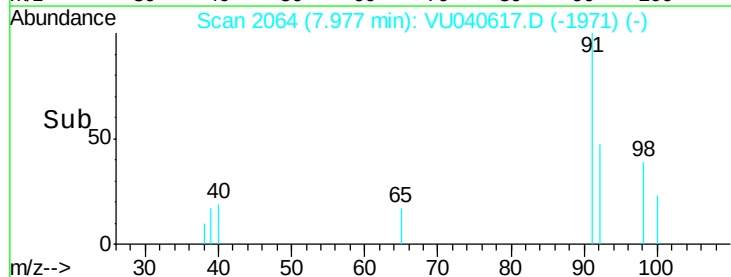
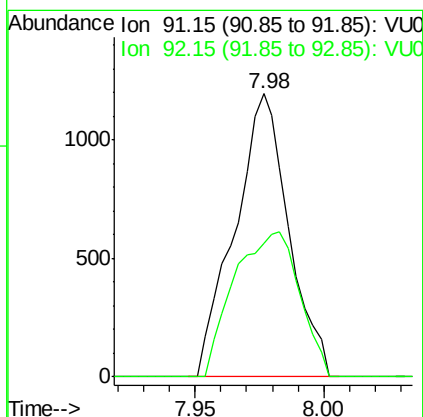
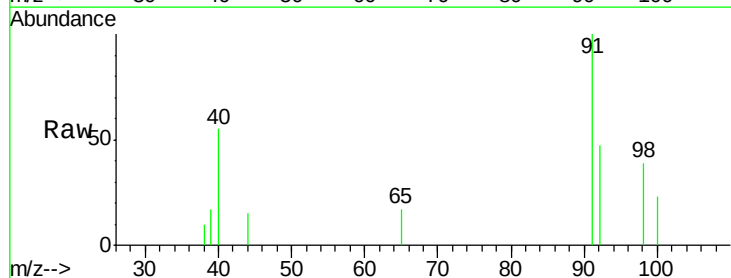
Instrument :
 MSVOA_U
 ClientSampleId :
 ETZ08

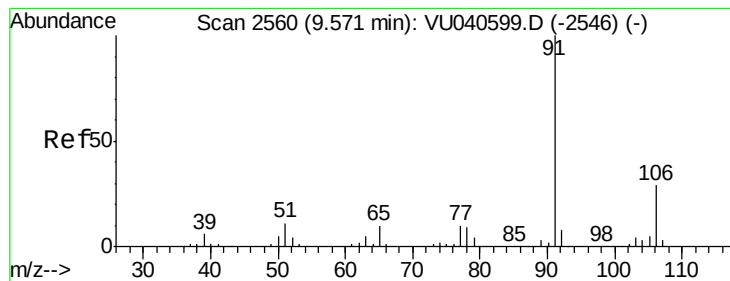
Tot Ion: 43 Resp: 4757
 Ion Ratio Lower Upper
 43 100
 58 32.5 29.7 44.5
 100 0.0 10.7 16.1#



#42
 Toluene
 Concen: 0.039 ug/L
 RT: 7.98 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VU040617.D
 Acq: 10 Oct 2020 04:47

Tgt Ion: 91 Resp: 1745
 Ion Ratio Lower Upper
 91 100
 92 47.1 40.2 74.6





#52

Ethylbenzene

Concen: 0.589 ug/L

RT: 9.57 min Scan# 2560

Delta R.T. 0.00 min

Lab File: VU040617.D

Acq: 10 Oct 2020 04:47

Instrument :

MSVOA_U

ClientSampleId :

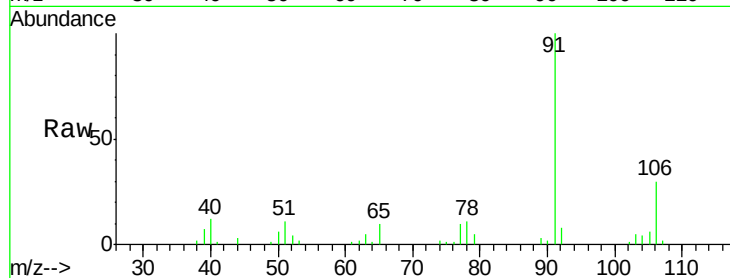
ETZ08

Tot Ion: 91 Resp: 28368

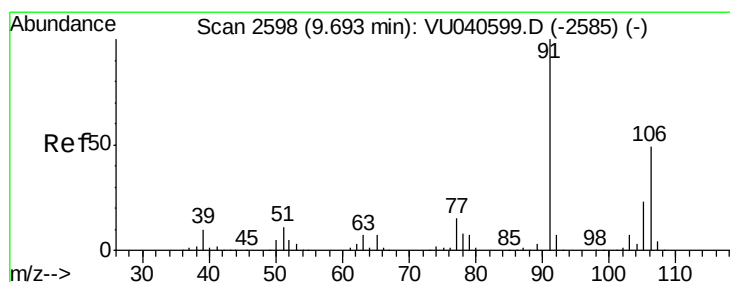
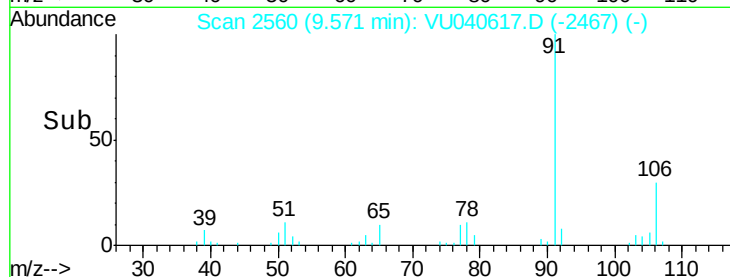
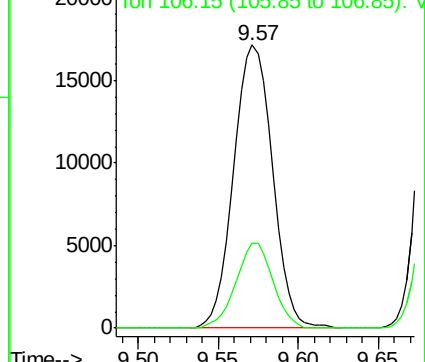
Ion Ratio Lower Upper

91 100

106 29.9 20.7 38.5



Abundance Ion 91.15 (90.85 to 91.85): VU040617.D (-2467) (-)



#53

m,p-Xylene

Concen: 2.477 ug/L

RT: 9.69 min Scan# 2598

Delta R.T. 0.00 min

Lab File: VU040617.D

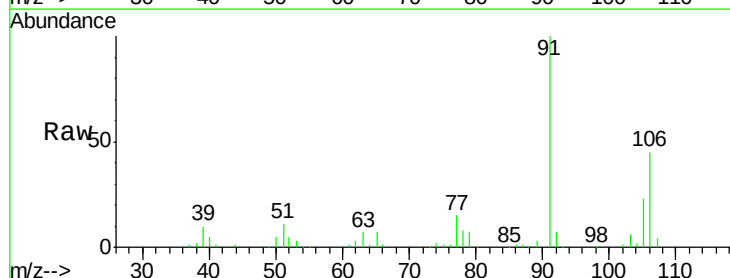
Acq: 10 Oct 2020 04:47

Tgt Ion: 106 Resp: 43478

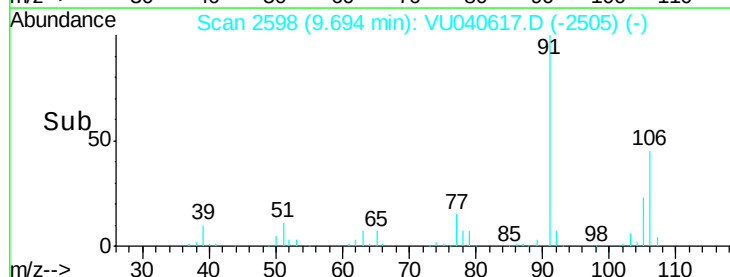
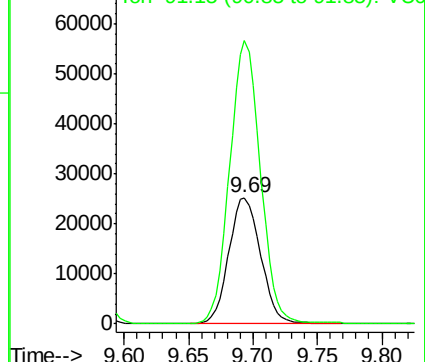
Ion Ratio Lower Upper

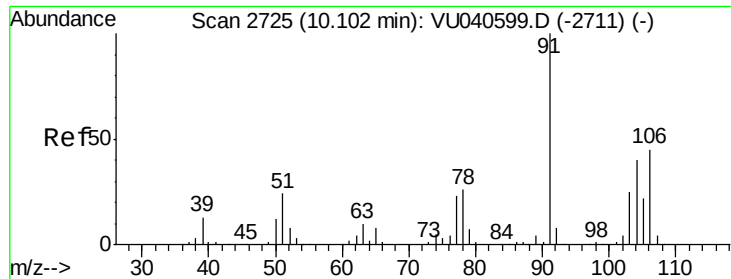
106 100

91 224.3 148.5 275.7



Abundance Ion 106.15 (105.85 to 106.85): VU040617.D (-2505) (-)





#54
 o-Xylene
 Concen: 0.959 ug/L
 RT: 10.10 min Scan# 2725
 Delta R.T. 0.00 min
 Lab File: VU040617.D
 Acq: 10 Oct 2020 04:47

Instrument :
 MSVOA_U
 ClientSampleId :
 ETZ08

Tot Ion:106 Resp: 16191
 Ion Ratio Lower Upper
 106 100
 91 233.9 160.2 297.4

