

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101220\
 Data File : VU040666.D
 Acq On : 12 Oct 2020 18:06
 Operator : SY/MD
 Sample : L4345-16MSD
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 YAQY6MSD

Quant Time: Oct 13 05:56:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 13 04:32:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	128747	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	129432	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	55930	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	41399	3.88	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.60%
7) Chloroethane-d5	1.92	69	37400	4.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.00%
11) 1,1-Dichloroethene-d2	2.58	63	94428	4.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.60%
20) 2-Butanone-d5	4.66	46	173862	50.93	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.86%
24) Chloroform-d	5.08	84	88150	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
26) 1,2-Dichloroethane-d4	5.72	65	53805	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.40%
32) Benzene-d6	5.74	84	162226	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
36) 1,2-Dichloropropane-d6	6.70	67	56433	4.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.40%
41) Toluene-d8	7.91	98	126256	4.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.80%
43) trans-1,3-Dichloropropene-	8.19	79	22369	4.56	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.20%
46) 2-Hexanone-d5	8.64	63	123877	48.96	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.92%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	47314	4.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	52818	5.09	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.80%

Target Compounds

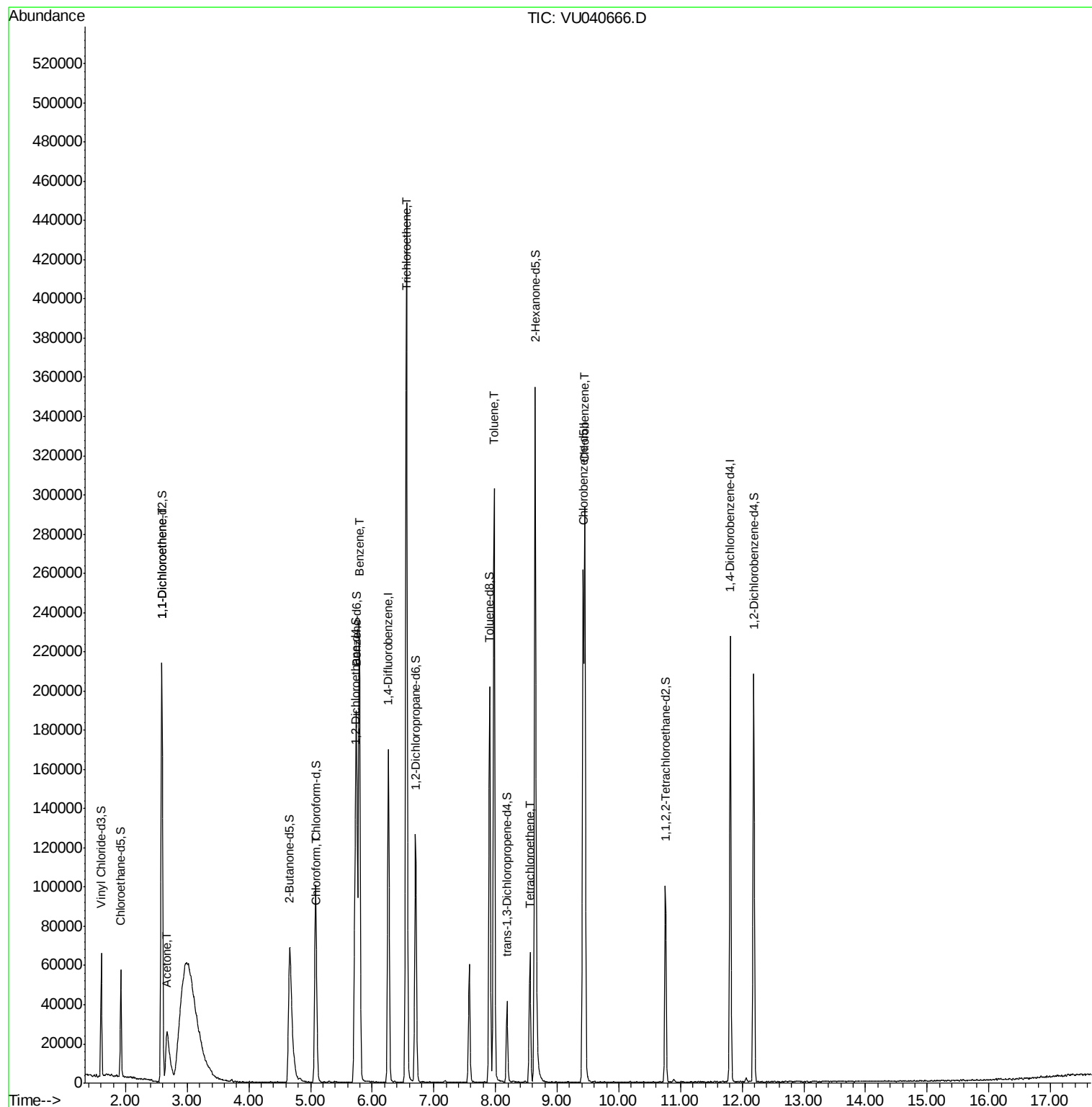
					Ovalue
12) 1,1-Dichloroethene	2.59	96	46517	5.064	ug/L 96
13) Acetone	2.67	43	74289	28.074	ug/L 100
25) Chloroform	5.11	83	4867	0.240	ug/L 95
33) Benzene	5.79	78	207217	4.983	ug/L 100
34) Trichloroethene	6.56	95	146020	13.547	ug/L 99
42) Toluene	7.98	91	206887	4.883	ug/L 99
47) Tetrachloroethene	8.56	164	14414	1.874	ug/L 98
51) Chlorobenzene	9.45	112	141916	5.085	ug/L 99

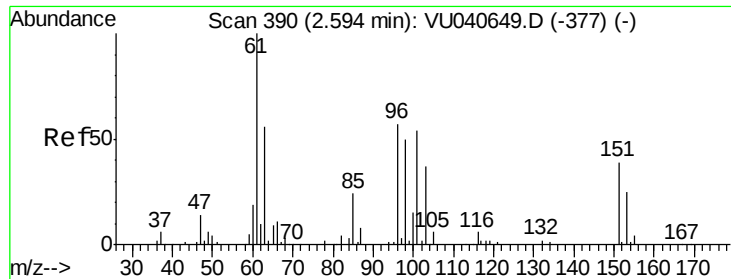
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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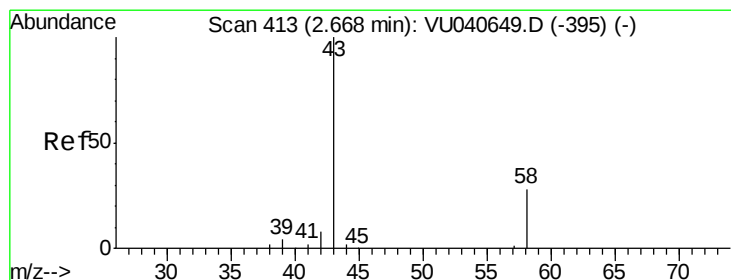
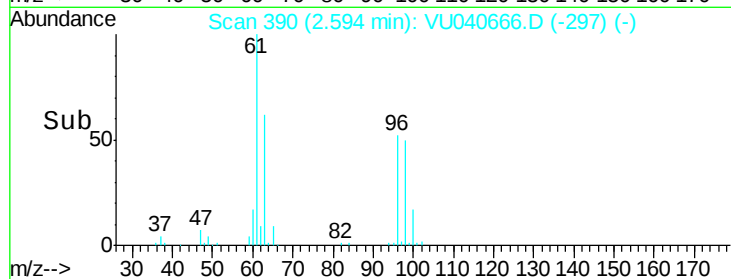
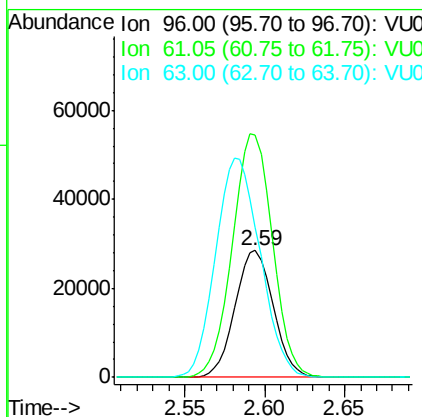
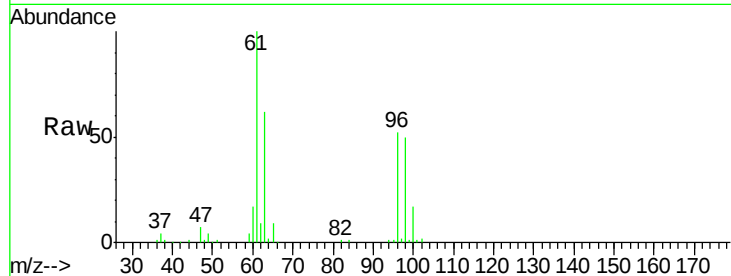




#12
 1,1-Dichloroethene
 Concen: 5.064 ug/L
 RT: 2.59 min Scan# 390
 Delta R.T. 0.00 min
 Lab File: VU040666.D
 Acq: 12 Oct 2020 18:06

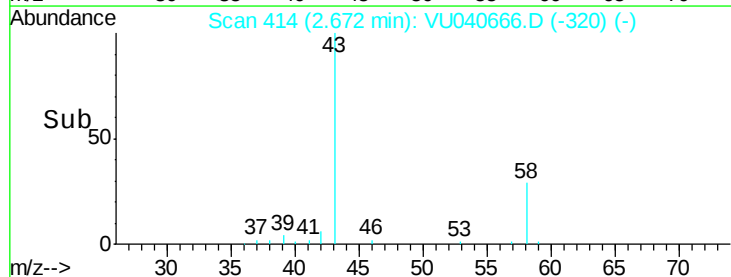
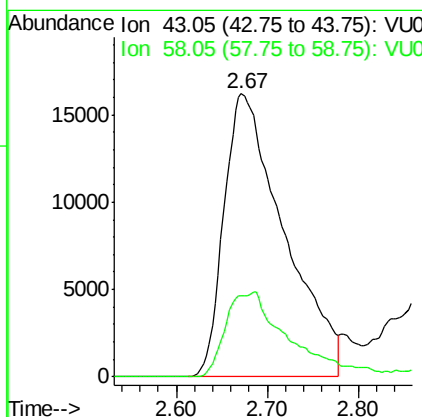
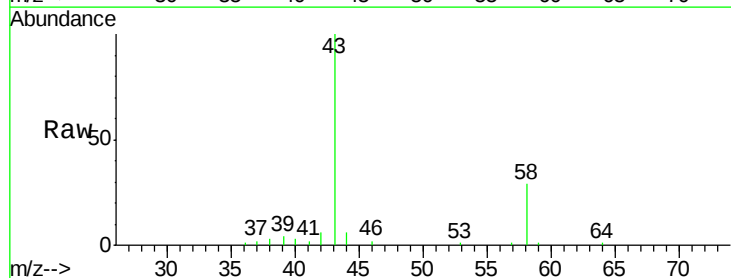
Instrument :
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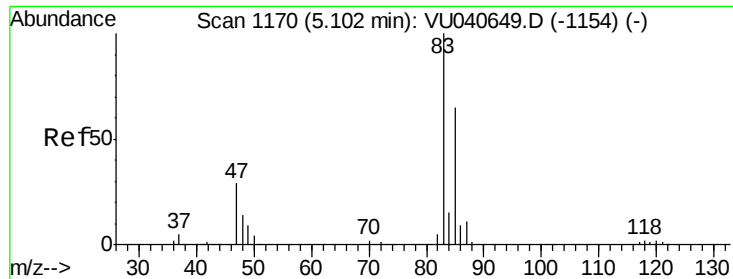
Tot Ion: 96 Resp: 46517
 Ion Ratio Lower Upper
 96 100
 61 191.8 128.8 239.2
 63 118.5 84.6 157.2



#13
 Acetone
 Concen: 28.074 ug/L
 RT: 2.67 min Scan# 414
 Delta R.T. 0.00 min
 Lab File: VU040666.D
 Acq: 12 Oct 2020 18:06

Tgt Ion: 43 Resp: 74289
 Ion Ratio Lower Upper
 43 100
 58 30.1 0.0 60.6

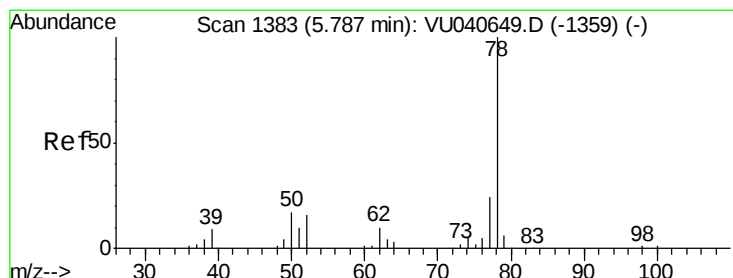
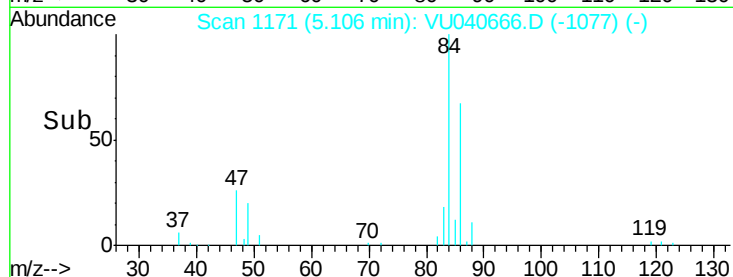
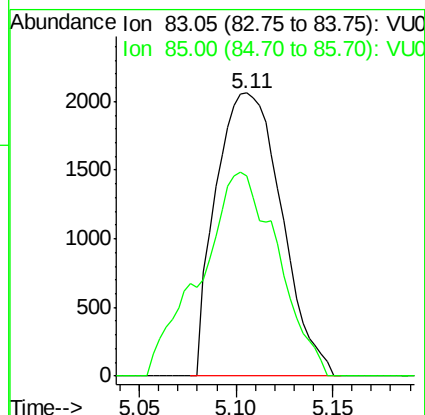
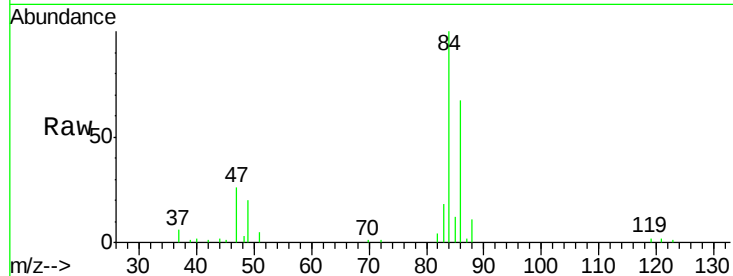




#25
Chloroform
Concen: 0.240 ug/L
RT: 5.11 min Scan# 1171
Delta R.T. 0.00 min
Lab File: VU040666.D
Acq: 12 Oct 2020 18:06

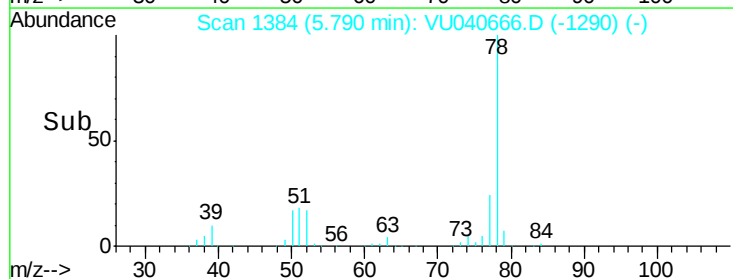
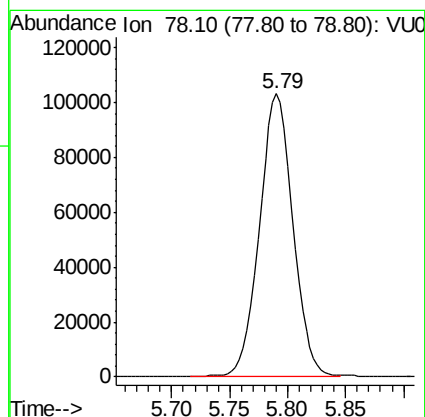
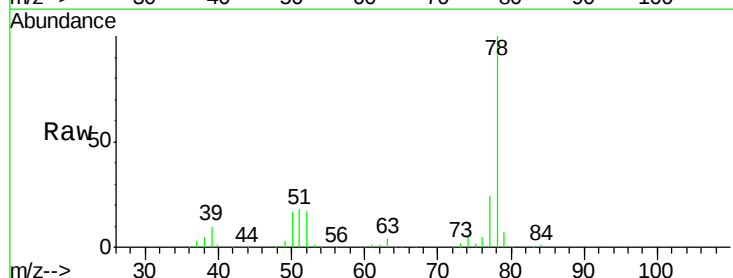
Instrument :
MSVOA_U
ClientSampleId :
YQY6MSD

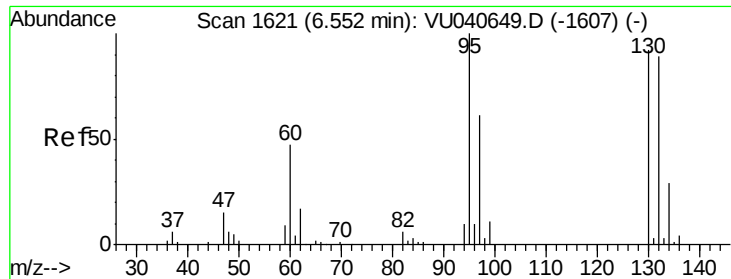
Tot Ion: 83 Resp: 4867
Ion Ratio Lower Upper
83 100
85 70.5 46.5 86.5



#33
Benzene
Concen: 4.983 ug/L
RT: 5.79 min Scan# 1384
Delta R.T. 0.00 min
Lab File: VU040666.D
Acq: 12 Oct 2020 18:06

Tgt Ion: 78 Resp: 207217

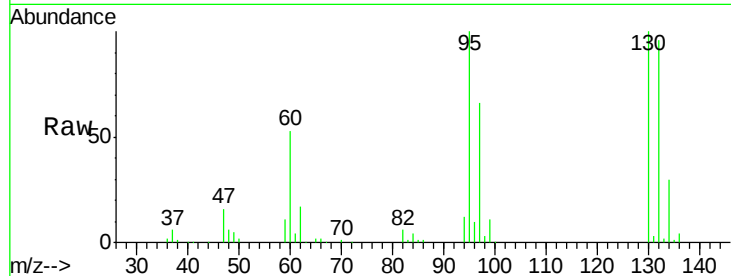




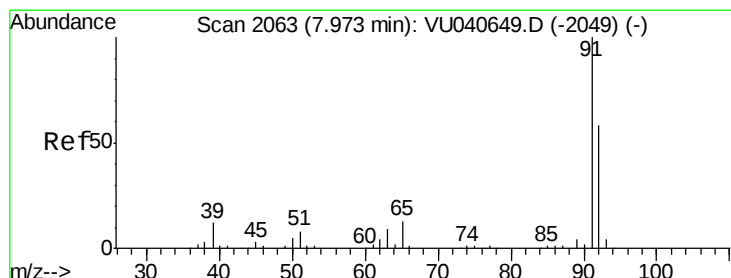
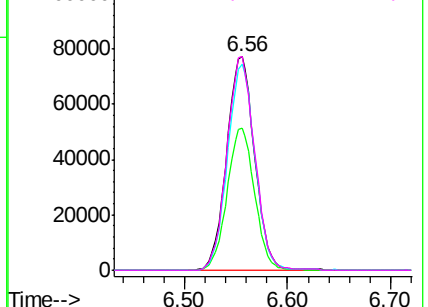
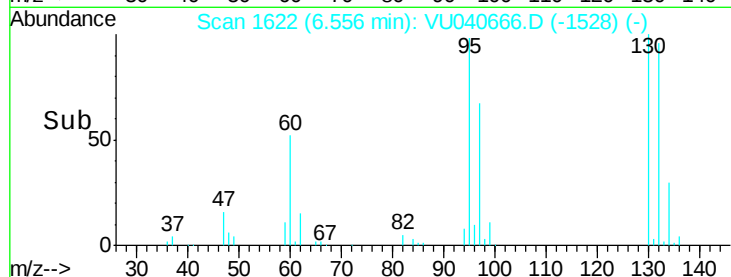
#34
 Trichloroethene
 Concen: 13.547 ug/L
 RT: 6.56 min Scan# 1622
 Delta R.T. 0.00 min
 Lab File: VU040666.D
 Acq: 12 Oct 2020 18:06

Instrument :
 MSVOA_U
 ClientSampleId :
 YAQY6MSD

Tot Ion: 95 Resp: 146020
 Ion Ratio Lower Upper
 95 100
 97 66.5 45.5 84.5
 132 96.2 67.5 125.4
 130 99.9 69.9 129.9

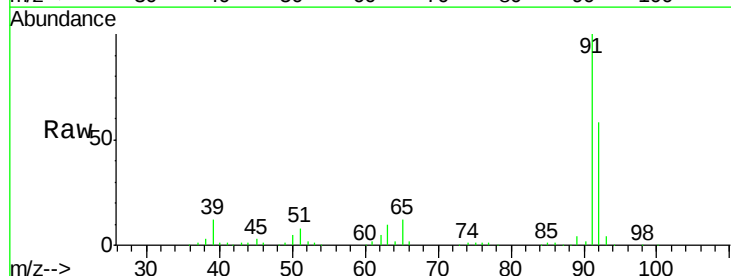


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 96.95 (96.65 to 97.65): VU0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V

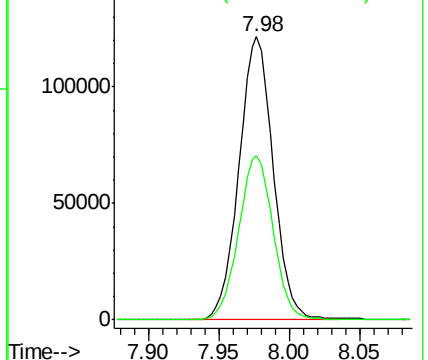
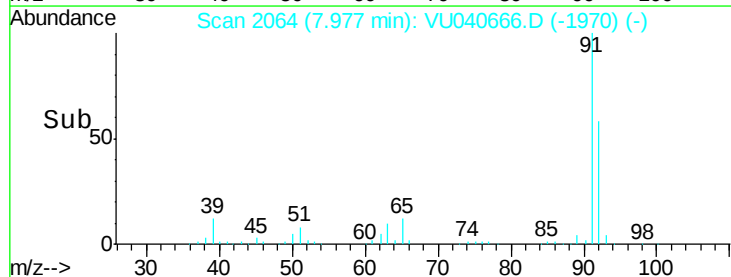


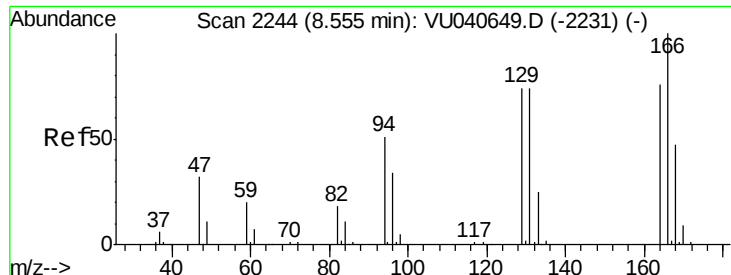
#42
 Toluene
 Concen: 4.883 ug/L
 RT: 7.98 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VU040666.D
 Acq: 12 Oct 2020 18:06

Tgt Ion: 91 Resp: 206887
 Ion Ratio Lower Upper
 91 100
 92 58.1 40.2 74.6



Abundance Ion 91.15 (90.85 to 91.85): VU0
 Ion 92.15 (91.85 to 92.85): VU0

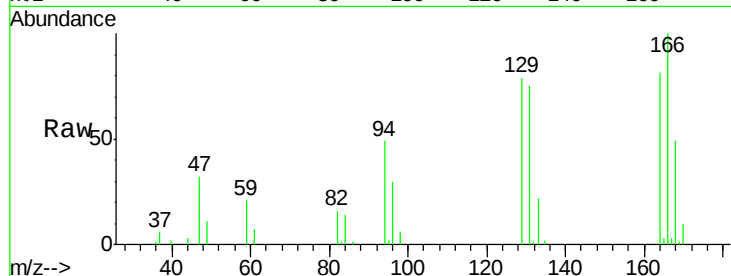




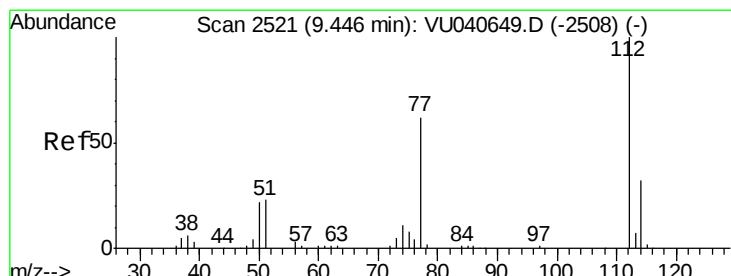
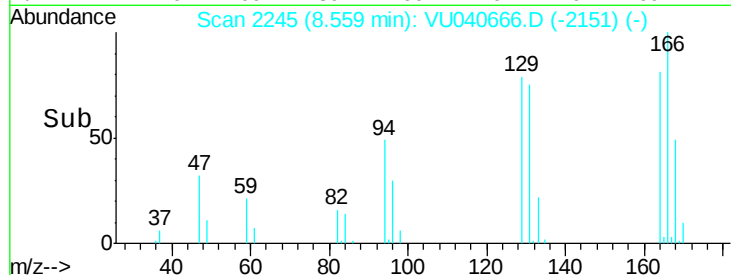
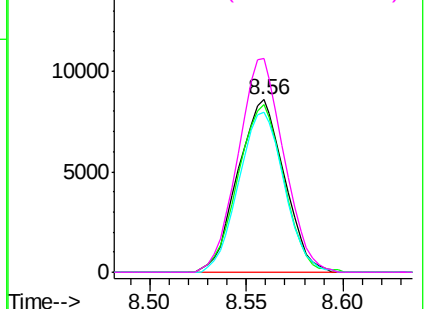
#47
Tetrachloroethene
Concen: 1.874 ug/L
RT: 8.56 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VU040666.D
Acq: 12 Oct 2020 18:06

Instrument :
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Tot Ion:164 Resp: 14414
Ion Ratio Lower Upper
164 100
129 97.4 68.8 127.8
131 93.0 66.7 123.9
166 123.9 83.9 155.7

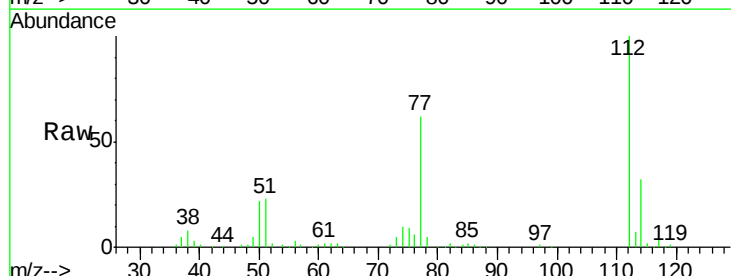


Abundance Ion 163.90 (163.60 to 164.60): V
Ion 128.95 (128.65 to 129.65): V
Ion 130.95 (130.65 to 131.65): V
Ion 165.90 (165.60 to 166.60): V



#51
Chlorobenzene
Concen: 5.085 ug/L
RT: 9.45 min Scan# 2522
Delta R.T. 0.00 min
Lab File: VU040666.D
Acq: 12 Oct 2020 18:06

Tgt Ion:112 Resp: 141916
Ion Ratio Lower Upper
112 100
114 31.8 23.1 42.9
77 62.2 50.3 75.5



Abundance Ion 112.10 (111.80 to 112.80): V
Ion 114.05 (113.75 to 114.75): V
Ion 77.10 (76.80 to 77.80): V

