

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100920\
 Data File : VU040591.D
 Acq On : 09 Oct 2020 18:02
 Operator : SY/MD
 Sample : L4346-04MSD
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 YAQZ3MSD

Quant Time: Oct 10 05:31:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Oct 10 04:13:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	140027	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	140559	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	64389	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	48894	4.21	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.20%
7) Chloroethane-d5	1.92	69	40863	4.57	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.40%
11) 1,1-Dichloroethene-d2	2.58	63	100844	4.45	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.00%
20) 2-Butanone-d5	4.66	46	186619	50.26	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.52%
24) Chloroform-d	5.08	84	95165	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.40%
26) 1,2-Dichloroethane-d4	5.72	65	58288	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.00%
32) Benzene-d6	5.74	84	177832	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
36) 1,2-Dichloropropane-d6	6.70	67	59313	4.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.20%
41) Toluene-d8	7.91	98	144161	4.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.00%
43) trans-1,3-Dichloropropene-	8.19	79	25490	4.78	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.60%
46) 2-Hexanone-d5	8.64	63	137018	49.87	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.74%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	52011	4.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	58997	4.94	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.80%

Target Compounds

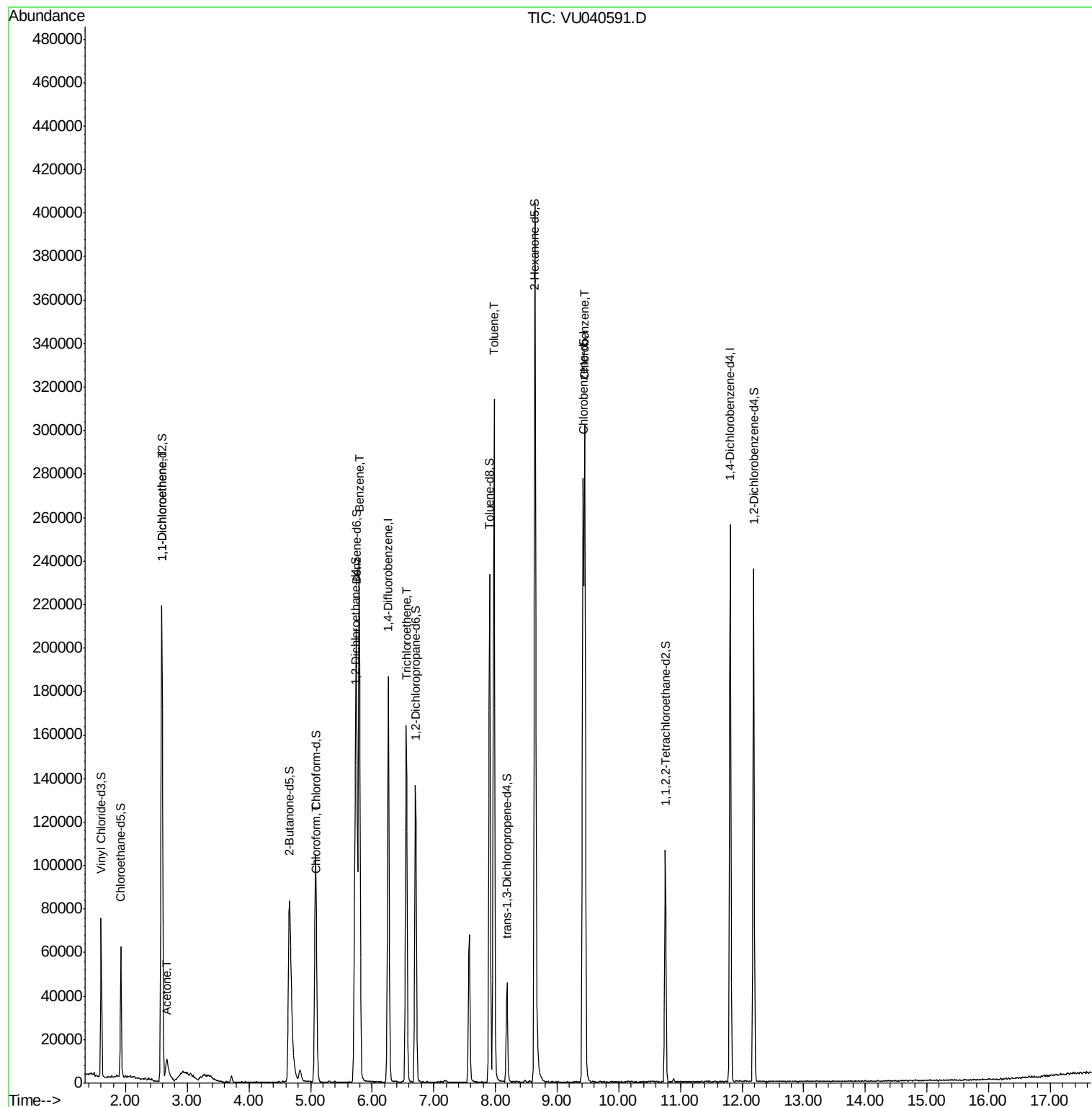
					Ovalue
12) 1,1-Dichloroethene	2.59	96	47691	4.773 ug/L	97
13) Acetone	2.67	43	26112	9.073 ug/L	94
25) Chloroform	5.11	83	5861	0.265 ug/L	90
33) Benzene	5.79	78	215800	4.779 ug/L	100
34) Trichloroethene	6.56	95	55232	4.719 ug/L	97
42) Toluene	7.98	91	213912	4.649 ug/L	98
51) Chlorobenzene	9.45	112	146621	4.837 ug/L	98

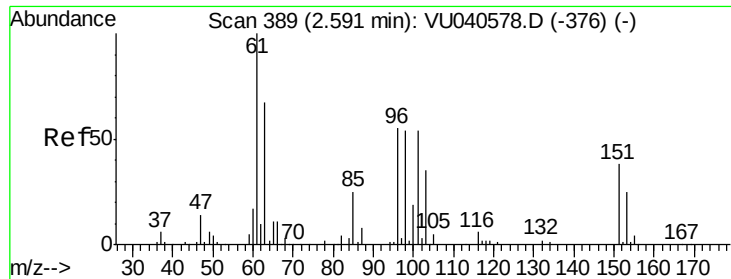
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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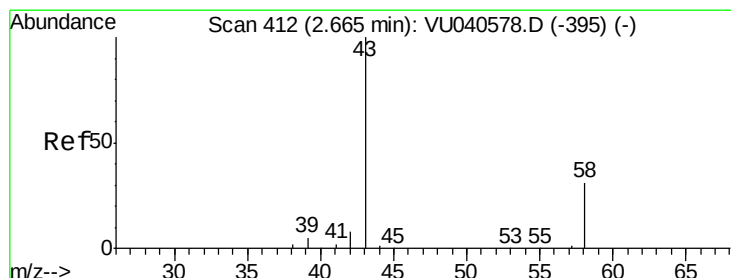
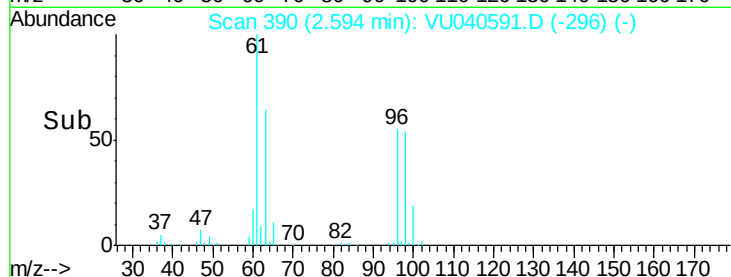
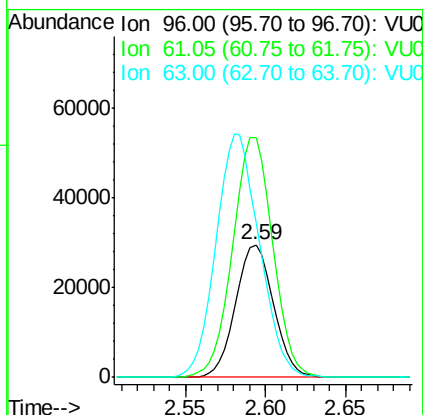
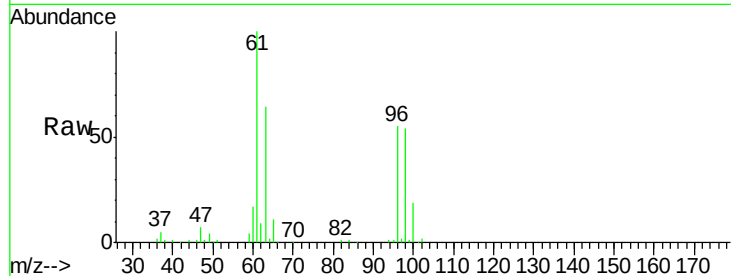




#12
 1,1-Dichloroethene
 Concen: 4.773 ug/L
 RT: 2.59 min Scan# 390
 Delta R.T. 0.00 min
 Lab File: VU040591.D
 Acq: 09 Oct 2020 18:02

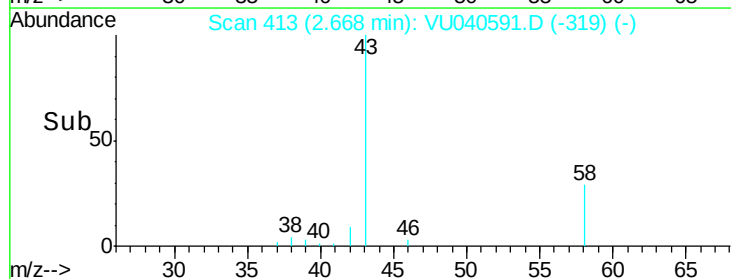
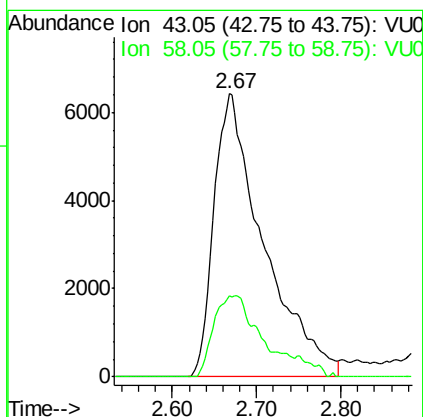
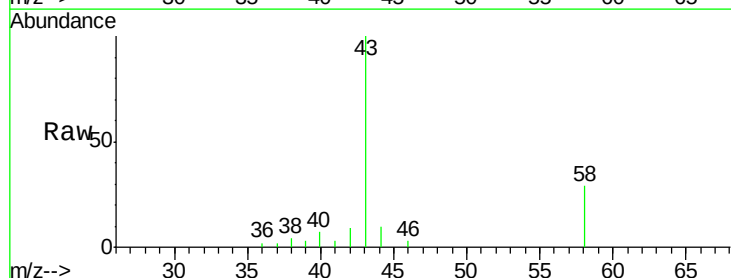
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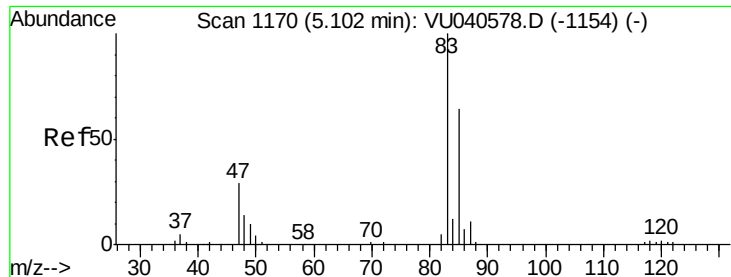
Tot Ion: 96 Resp: 47691
 Ion Ratio Lower Upper
 96 100
 61 180.9 128.8 239.2
 63 116.1 84.6 157.2



#13
 Acetone
 Concen: 9.073 ug/L
 RT: 2.67 min Scan# 413
 Delta R.T. 0.00 min
 Lab File: VU040591.D
 Acq: 09 Oct 2020 18:02

Tgt Ion: 43 Resp: 26112
 Ion Ratio Lower Upper
 43 100
 58 27.2 0.0 60.6

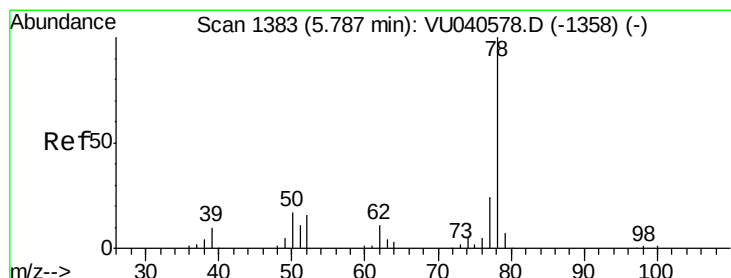
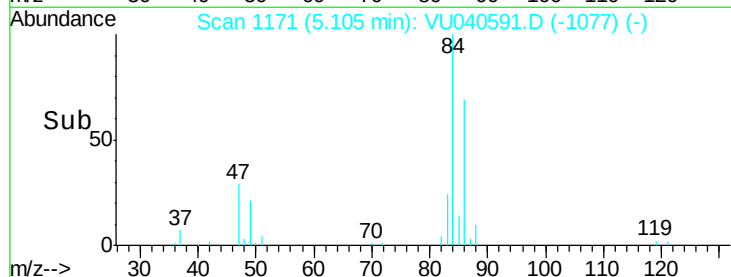
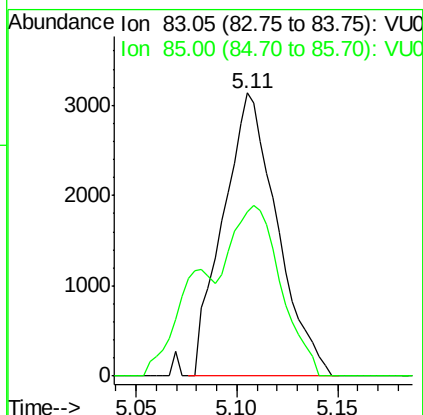
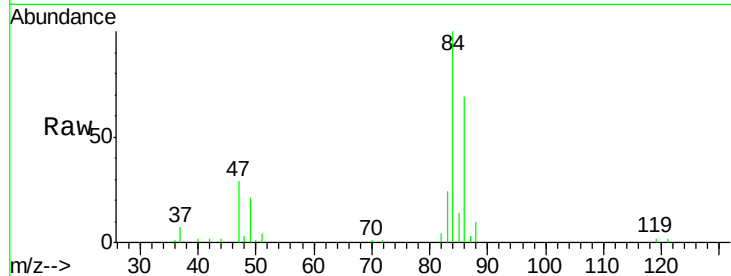




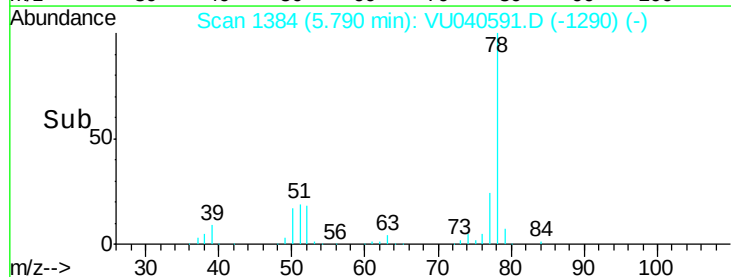
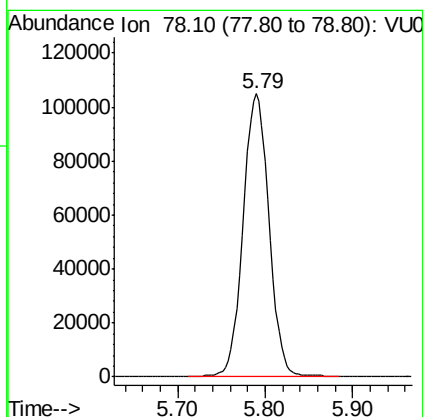
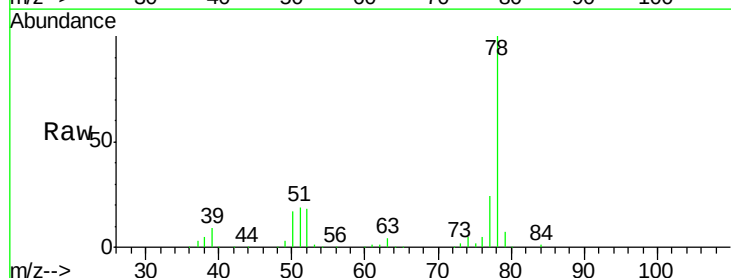
#25
Chloroform
Concen: 0.265 ug/L
RT: 5.11 min Scan# 1171
Delta R.T. 0.00 min
Lab File: VU040591.D
Acq: 09 Oct 2020 18:02

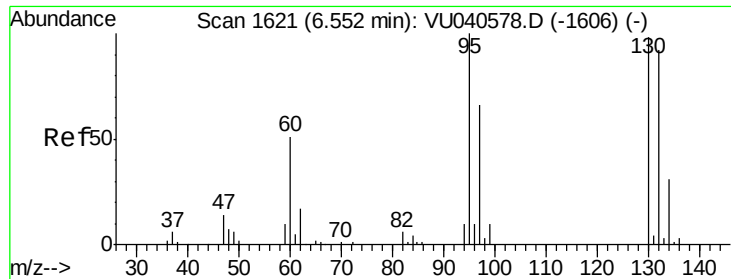
Instrument :
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ClientSampleId :
YAQZ3MSD

Tot Ion: 83 Resp: 5861
Ion Ratio Lower Upper
83 100
85 58.3 46.5 86.5



#33
Benzene
Concen: 4.779 ug/L
RT: 5.79 min Scan# 1384
Delta R.T. 0.00 min
Lab File: VU040591.D
Acq: 09 Oct 2020 18:02
Tgt Ion: 78 Resp: 215800

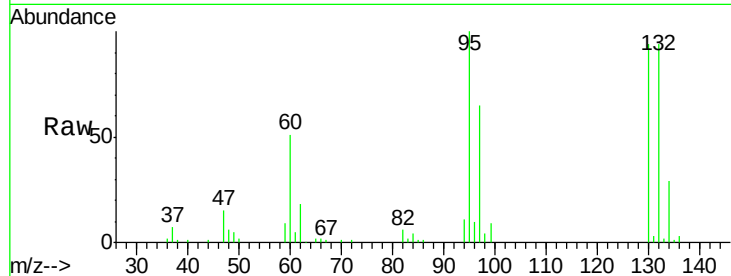




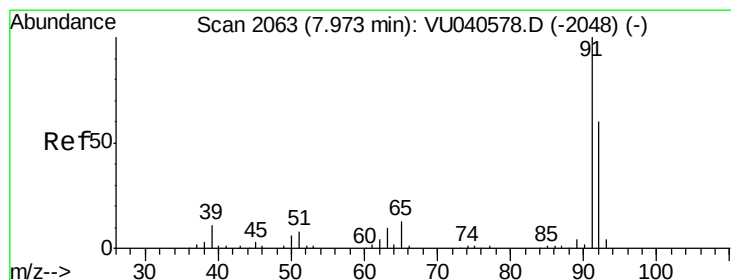
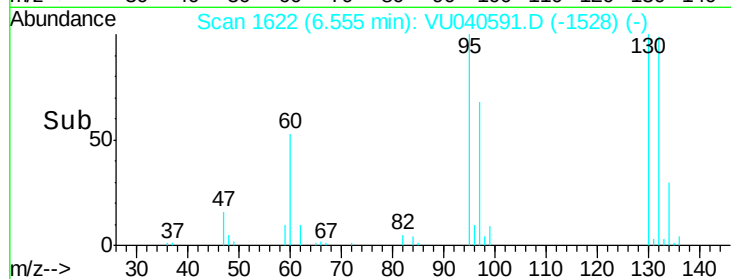
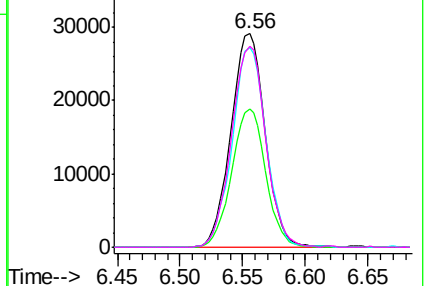
#34
 Trichloroethene
 Concen: 4.719 ug/L
 RT: 6.56 min Scan# 1622
 Delta R.T. 0.00 min
 Lab File: VU040591.D
 Acq: 09 Oct 2020 18:02

Instrument :
 MSVOA_U
 ClientSampleId :
 YAQZ3MSD

Tot Ion:	95	Resp:	55232
Ion	Ratio	Lower	Upper
95	100		
97	64.6	45.5	84.5
132	93.7	67.5	125.4
130	94.3	69.9	129.9

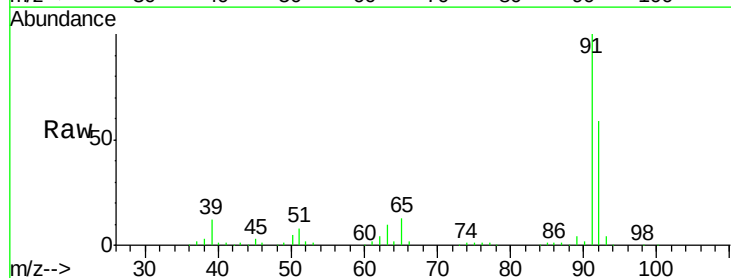


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 96.95 (96.65 to 97.65): VU0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V

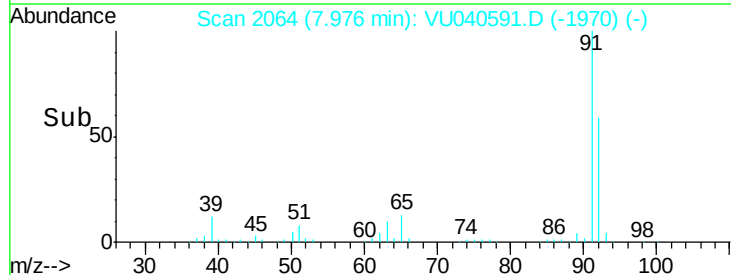
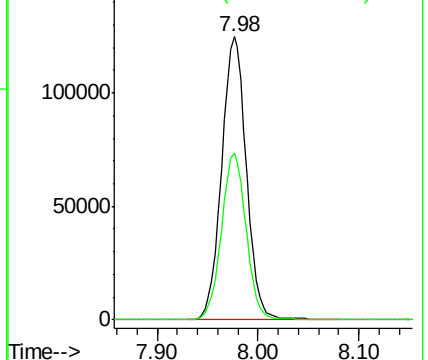


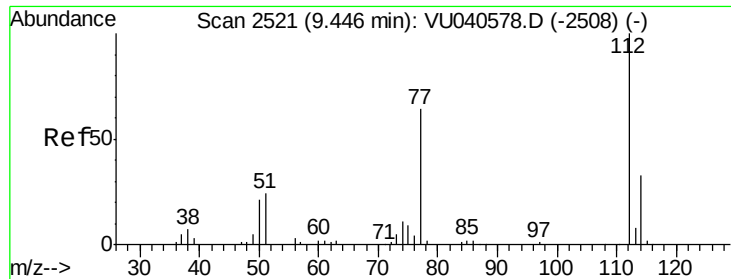
#42
 Toluene
 Concen: 4.649 ug/L
 RT: 7.98 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VU040591.D
 Acq: 09 Oct 2020 18:02

Tgt Ion:	91	Resp:	213912
Ion	Ratio	Lower	Upper
91	100		
92	59.0	40.2	74.6



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





#51
 Chlorobenzene
 Concen: 4.837 ug/L
 RT: 9.45 min Scan# 2522
 Delta R.T. 0.00 min
 Lab File: VU040591.D
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Instrument :
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Tot Ion	Ratio	Lower	Upper
112	100		
114	31.6	23.1	42.9
77	61.5	50.3	75.5

