

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U110419\
 Data File : VU035614.D
 Acq On : 04 Nov 2019 17:46
 Operator : JC/SP
 Sample : K5656-05MSD
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A5453MSD

Quant Time: Nov 05 05:55:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR110419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Nov 05 02:35:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	251950	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	282425	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.85	152	98436	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	100778	3.89	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.80%
7) Chloroethane-d5	1.93	69	92152	4.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.80%
11) 1,1-Dichloroethene-d2	2.60	63	166443	3.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.20%
20) 2-Butanone-d5	4.70	46	265156	46.31	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.62%
24) Chloroform-d	5.11	84	189090	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.60%
26) 1,2-Dichloroethane-d4	5.75	65	98423	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.60%
32) Benzene-d6	5.77	84	362561	4.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.60%
36) 1,2-Dichloropropane-d6	6.74	67	123851	4.31	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.20%
41) Toluene-d8	7.93	98	301817	3.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.80%
43) trans-1,3-Dichloropropene-	8.21	79	43834	3.82	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.40%
46) 2-Hexanone-d5	8.68	63	194781	43.29	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.58%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	104088	4.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.40%
64) 1,2-Dichlorobenzene-d4	12.23	152	90572	4.64	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.80%

Target Compounds

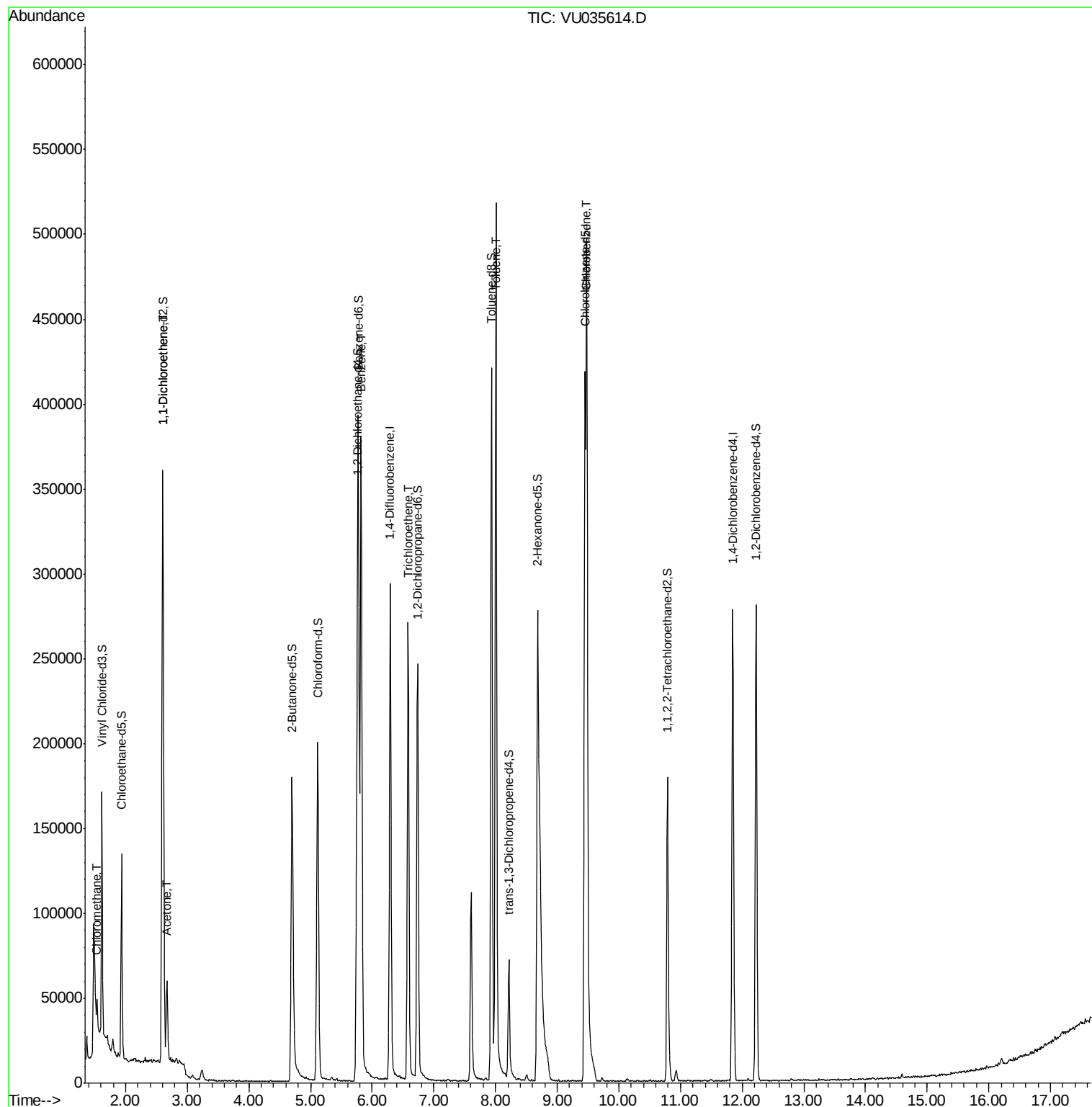
					Ovalue
3) Chloromethane	1.54	50	10420	0.333 ug/L	95
12) 1,1-Dichloroethene	2.61	96	75333	3.400 ug/L	96
13) Acetone	2.67	43	52021	12.601 ug/L	98
33) Benzene	5.82	78	374383	3.767 ug/L	100
34) Trichloroethene	6.58	95	95246	3.744 ug/L	99
42) Toluene	8.01	91	394006	3.768 ug/L	99
51) Chlorobenzene	9.48	112	295872	4.309 ug/L	99

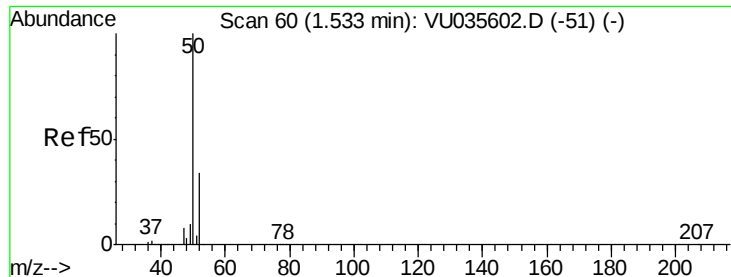
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.333 ug/L

RT: 1.54 min Scan# 61

Delta R.T. 0.00 min

Lab File: VU035614.D

Acq: 04 Nov 2019 17:46

Instrument :

MSVOA_U

ClientSampleId :

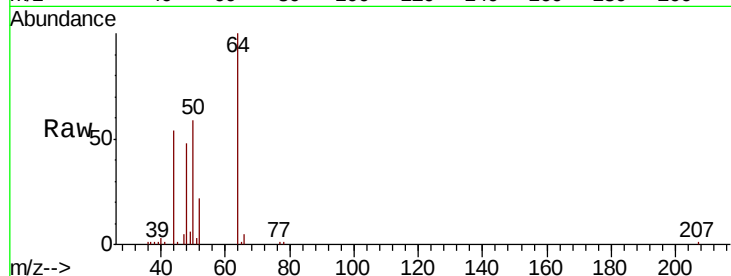
A5453MSD

Tot Ion: 50 Resp: 10420

Ion Ratio Lower Upper

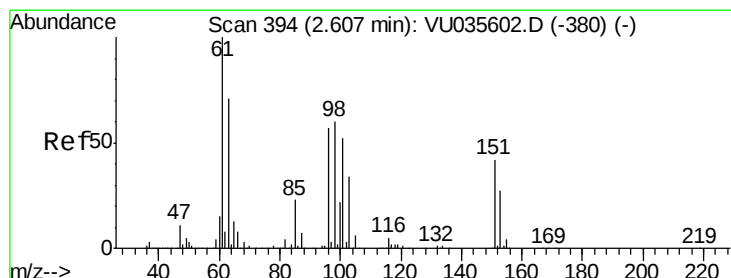
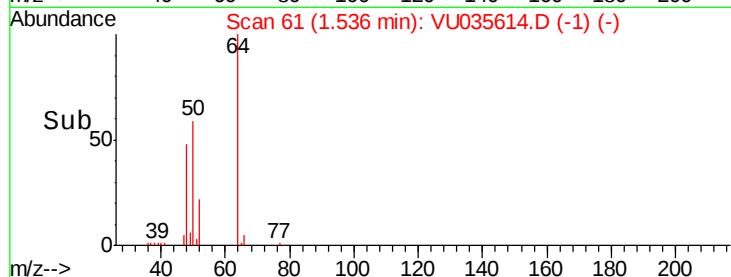
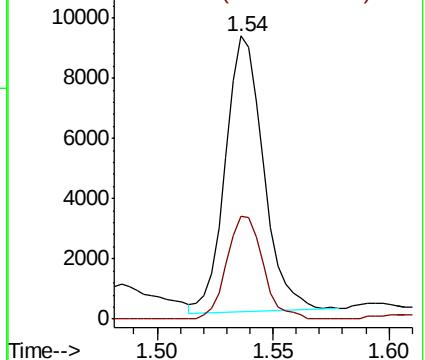
50 100

52 36.3 23.4 43.6



Abundance Ion 50.05 (49.75 to 50.75): VU035602.D (-51) (-)

Ion 52.05 (51.75 to 52.75): VU035602.D (-51) (-)



#12

1,1-Dichloroethene

Concen: 3.400 ug/L

RT: 2.61 min Scan# 395

Delta R.T. 0.00 min

Lab File: VU035614.D

Acq: 04 Nov 2019 17:46

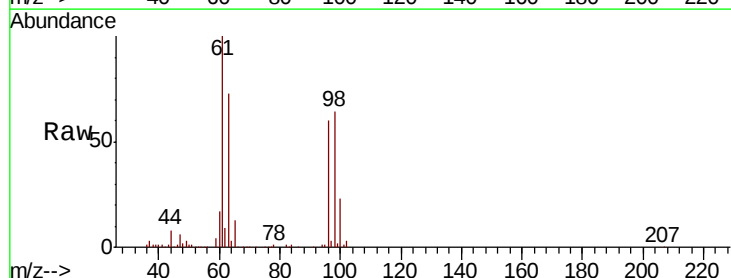
Tgt Ion: 96 Resp: 75333

Ion Ratio Lower Upper

96 100

61 167.8 123.1 228.5

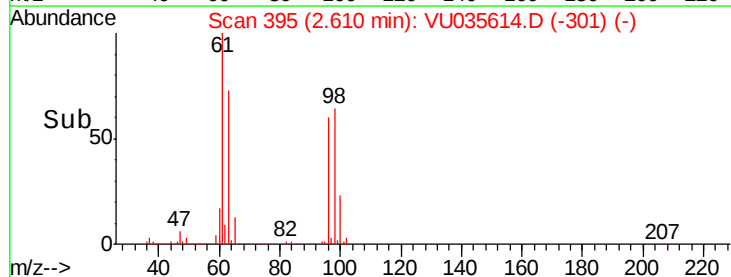
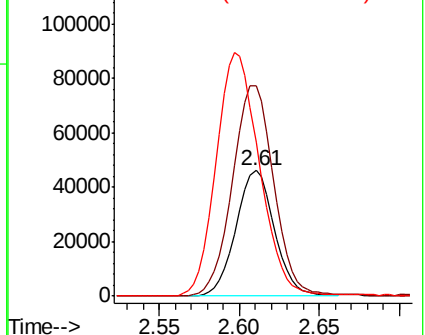
63 122.3 87.8 163.0

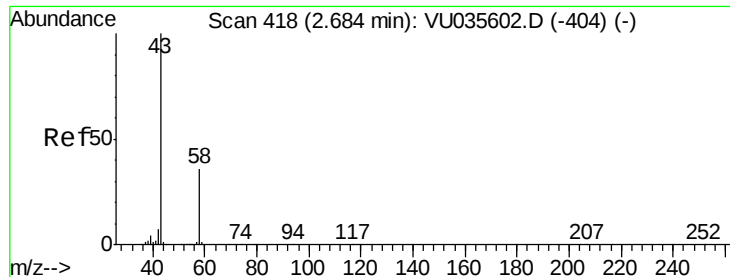


Abundance Ion 96.00 (95.70 to 96.70): VU035602.D (-380) (-)

Ion 61.05 (60.75 to 61.75): VU035602.D (-380) (-)

Ion 63.00 (62.70 to 63.70): VU035602.D (-380) (-)





#13

Acetone

Concen: 12.601 ug/L

RT: 2.67 min Scan# 414

Delta R.T. -0.01 min

Lab File: VU035614.D

Acq: 04 Nov 2019 17:46

Instrument :

MSVOA_U

ClientSampleId :

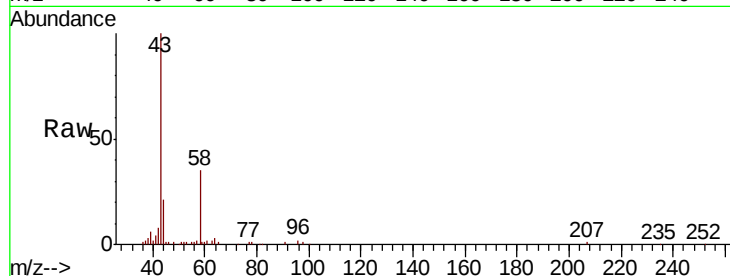
A5453MSD

Tot Ion: 43 Resp: 52021

Ion Ratio Lower Upper

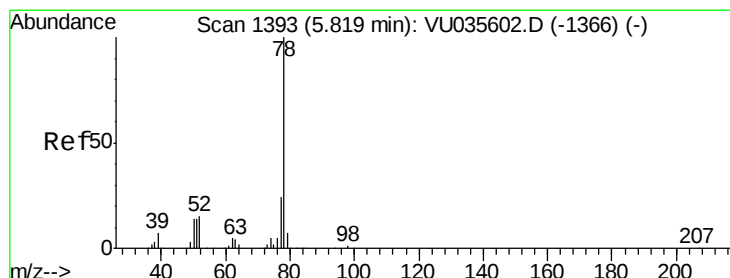
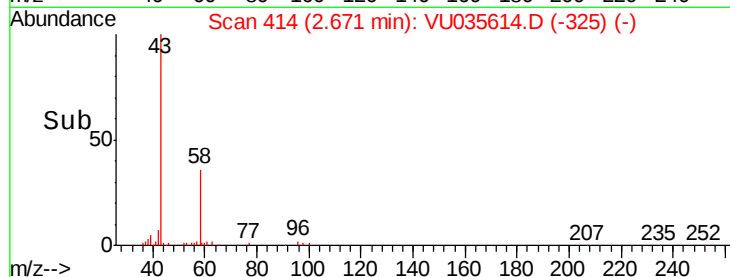
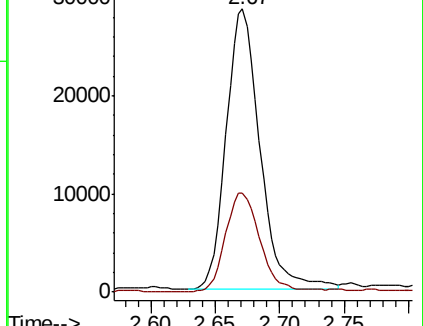
43 100

58 36.3 0.0 69.8



Abundance Ion 43.05 (42.75 to 43.75): VU035614.D (-325) (-)

Ion 58.05 (57.75 to 58.75): VU035614.D (-325) (-)



#33

Benzene

Concen: 3.767 ug/L

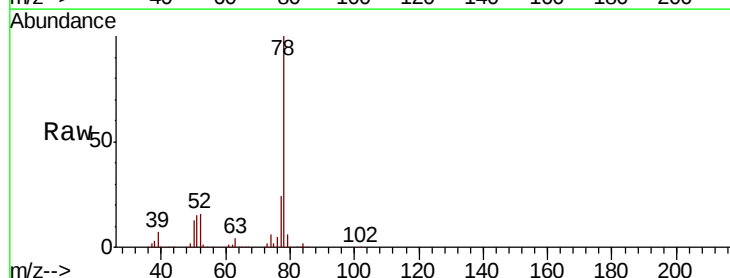
RT: 5.82 min Scan# 1393

Delta R.T. -0.00 min

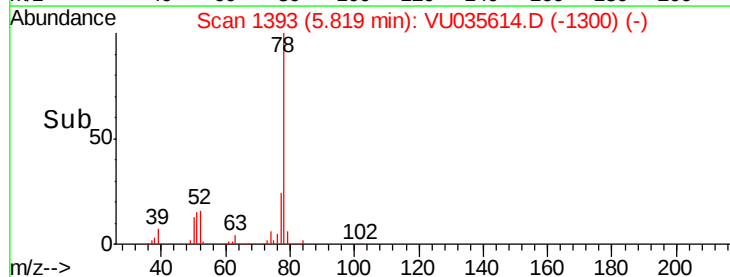
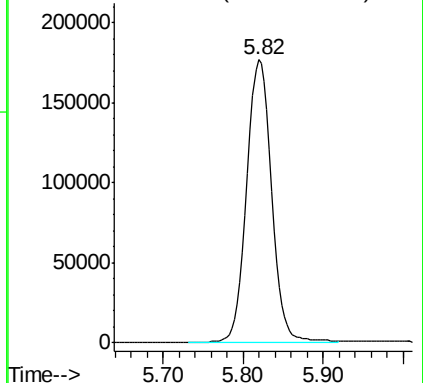
Lab File: VU035614.D

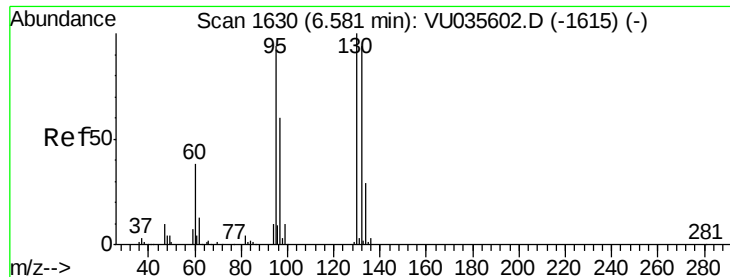
Acq: 04 Nov 2019 17:46

Tgt Ion: 78 Resp: 374383



Abundance Ion 78.10 (77.80 to 78.80): VU035614.D (-1300) (-)

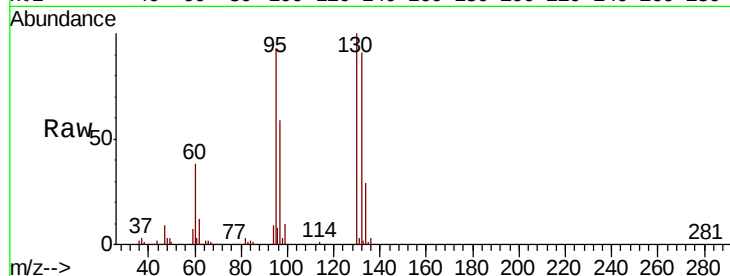




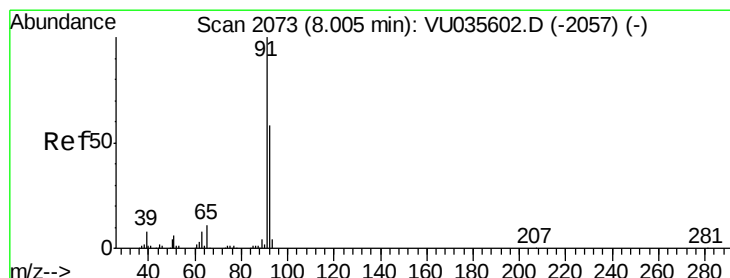
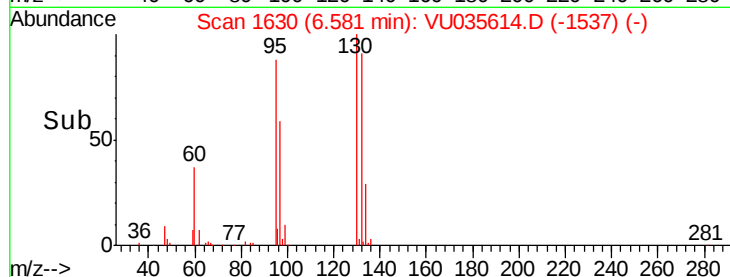
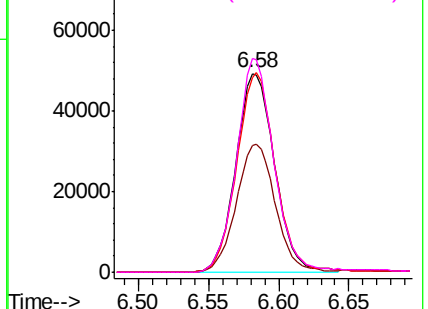
#34
 Trichloroethene
 Concen: 3.744 ug/L
 RT: 6.58 min Scan# 1630
 Delta R.T. -0.00 min
 Lab File: VU035614.D
 Acq: 04 Nov 2019 17:46

Instrument :
 MSVOA_U
 ClientSampleId :
 A5453MSD

Tot Ion: 95 Resp: 95246
 Ion Ratio Lower Upper
 95 100
 97 63.6 44.5 82.7
 132 98.2 69.9 129.7
 130 107.6 74.1 137.7

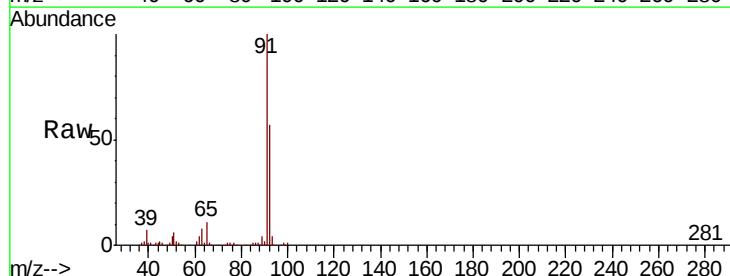


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 96.95 (96.65 to 97.65): VU0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V

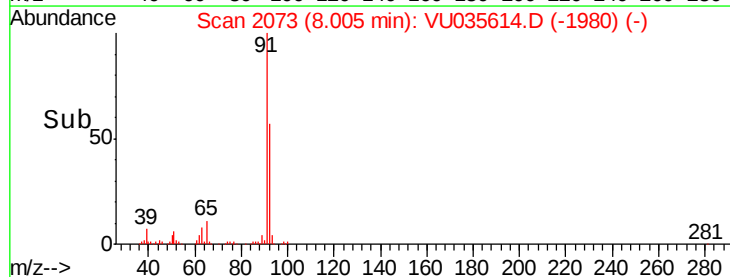
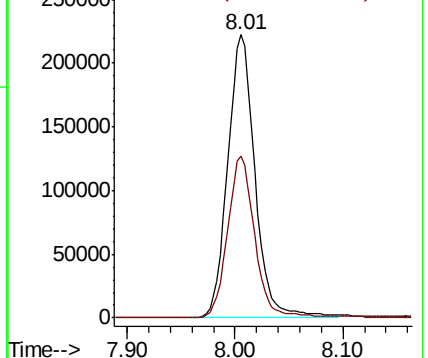


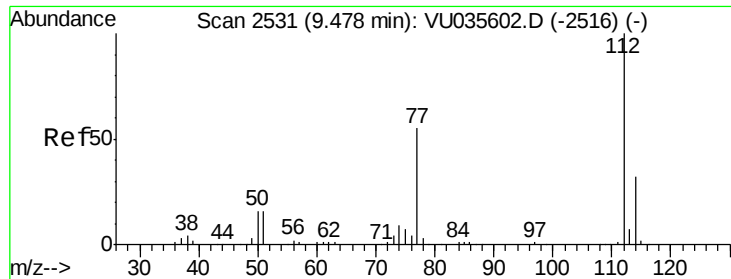
#42
 Toluene
 Concen: 3.768 ug/L
 RT: 8.01 min Scan# 2073
 Delta R.T. -0.00 min
 Lab File: VU035614.D
 Acq: 04 Nov 2019 17:46

Tgt Ion: 91 Resp: 394006
 Ion Ratio Lower Upper
 91 100
 92 57.3 40.5 75.3



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





#51
 Chlorobenzene
 Concen: 4.309 ug/L
 RT: 9.48 min Scan# 2532
 Delta R.T. 0.00 min
 Lab File: VU035614.D
 Acq: 04 Nov 2019 17:46

Instrument :
 MSVOA_U
 ClientSampleId :
 A5453MSD

Tot Ion:	112	Resp:	295872
Ion	Ratio	Lower	Upper
112	100		
114	31.8	22.3	41.5
77	56.7	44.3	66.5

