

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101119\
 Data File : VU035065.D
 Acq On : 10 Oct 2019 22:14
 Operator : JC/SP
 Sample : K5268-10MS
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBAW2MS

Quant Time: Oct 11 05:48:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 11 04:39:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	152789	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	155785	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	59409	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	48391	5.36	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	107.20%
7) Chloroethane-d5	1.68	69	45650	5.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.20%
11) 1,1-Dichloroethene-d2	2.26	63	94870	4.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.60%
20) 2-Butanone-d5	4.17	46	147912	55.61	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.22%
24) Chloroform-d	4.62	84	90531	5.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.20%
26) 1,2-Dichloroethane-d4	5.29	65	52983	5.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.80%
32) Benzene-d6	5.32	84	181910	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.60%
36) 1,2-Dichloropropane-d6	6.31	67	63187	5.17	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.40%
41) Toluene-d8	7.55	98	158665	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.80%
43) trans-1,3-Dichloropropene-	7.84	79	17855	4.06	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.20%
46) 2-Hexanone-d5	8.30	63	103869	49.69	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.38%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	53160	5.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.40%
64) 1,2-Dichlorobenzene-d4	11.84	152	54267	5.41	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.20%

Target Compounds

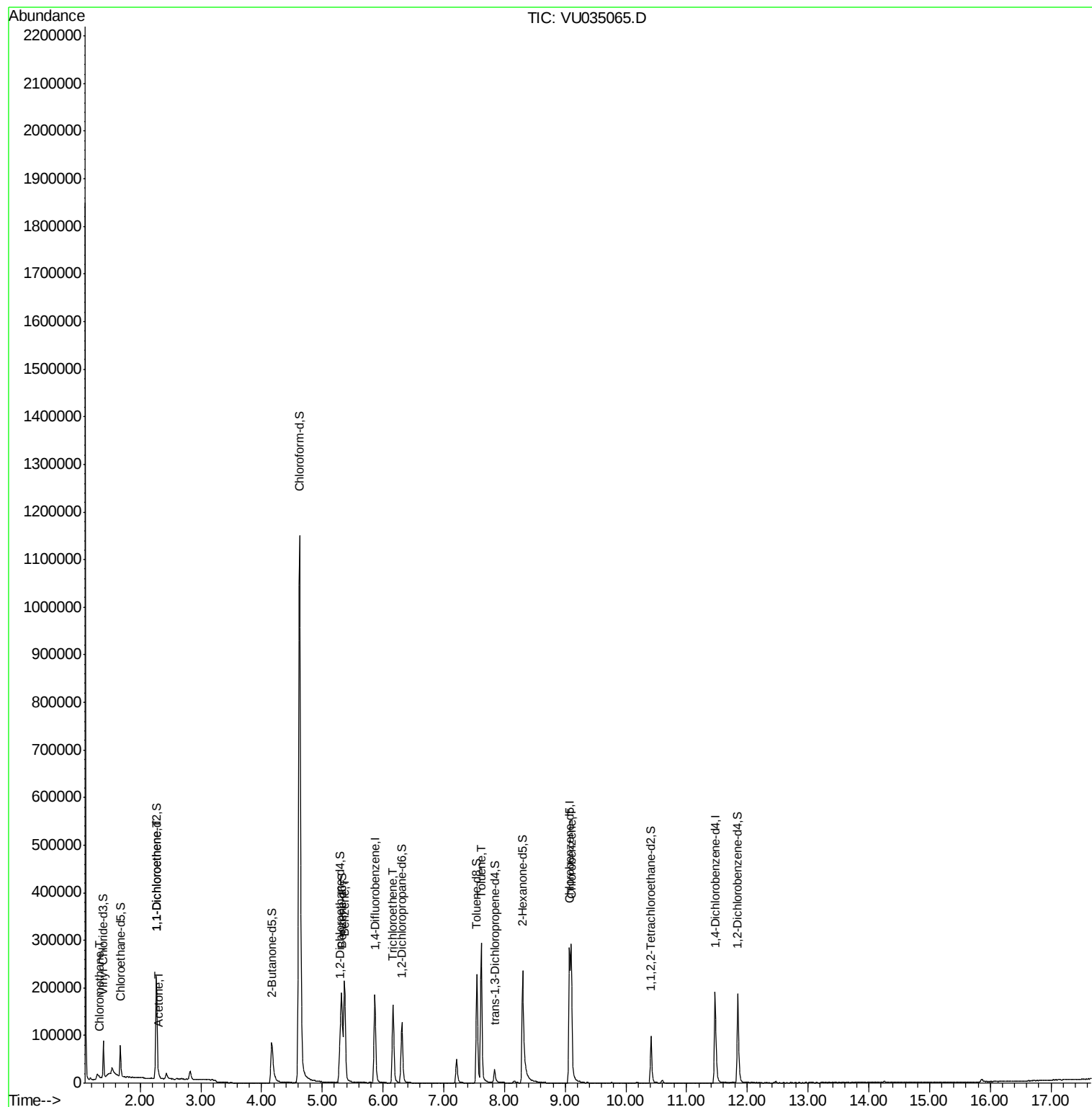
					Ovalue
3) Chloromethane	1.33	50	2719	0.178 ug/L	96
12) 1,1-Dichloroethene	2.27	96	39727	4.048 ug/L	90
13) Acetone	2.31	43	7071	3.246 ug/L	92
33) Benzene	5.37	78	211168	4.500 ug/L	100
34) Trichloroethene	6.16	95	59698	4.933 ug/L	99
42) Toluene	7.62	91	223884	4.571 ug/L	97
51) Chlorobenzene	9.10	112	155719	4.906 ug/L	98

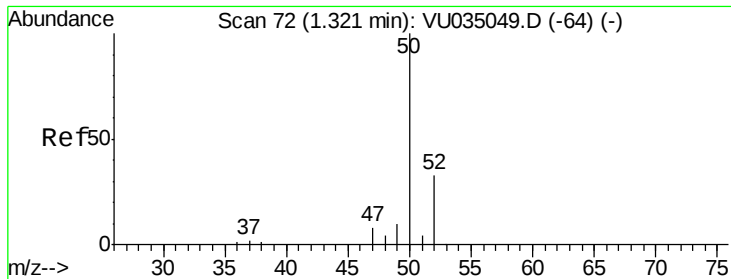
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Oct 11 04:39:23 2019
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.178 ug/L

RT: 1.33 min Scan# 74

Delta R.T. 0.01 min

Lab File: VU035065.D

Acq: 10 Oct 2019 22:14

Instrument :

MSVOA_U

ClientSampleId :

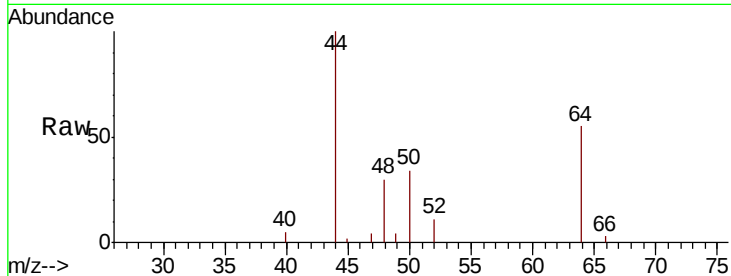
DBAW2MS

Tot Ion: 50 Resp: 2719

Ion Ratio Lower Upper

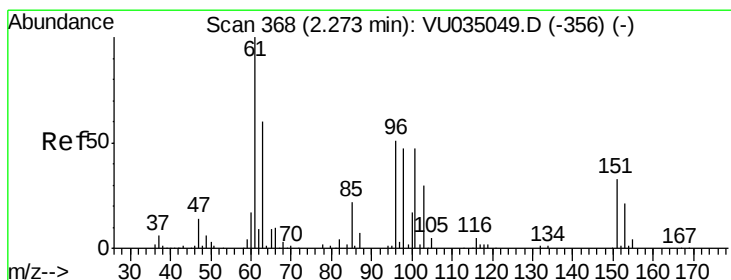
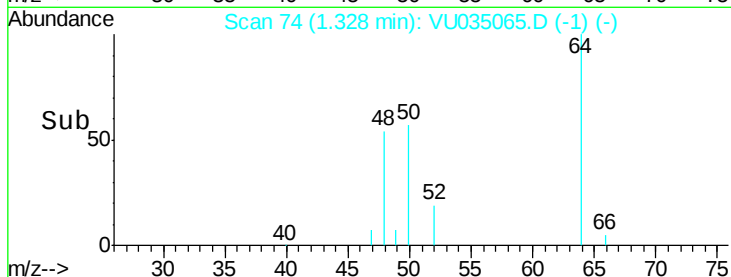
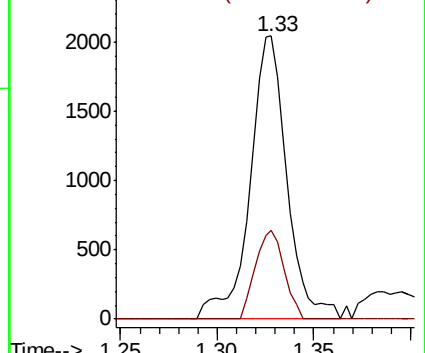
50 100

52 31.3 23.3 43.3



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0



#12

1,1-Dichloroethene

Concen: 4.048 ug/L

RT: 2.27 min Scan# 368

Delta R.T. 0.00 min

Lab File: VU035065.D

Acq: 10 Oct 2019 22:14

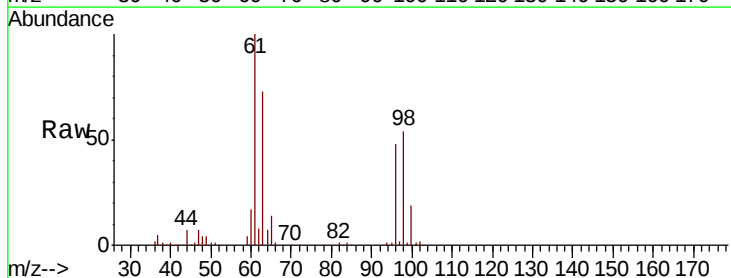
Tgt Ion: 96 Resp: 39727

Ion Ratio Lower Upper

96 100

61 208.3 129.3 240.1

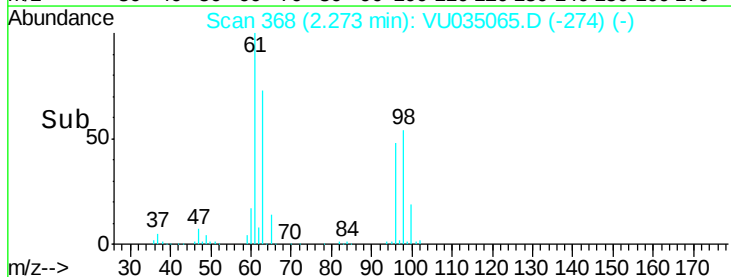
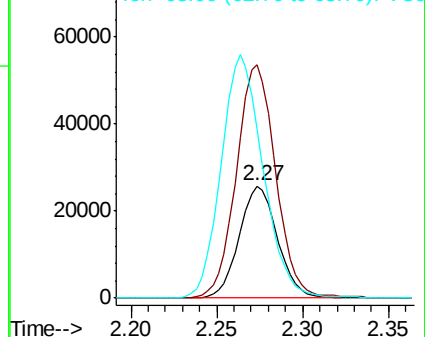
63 151.2 108.9 202.3

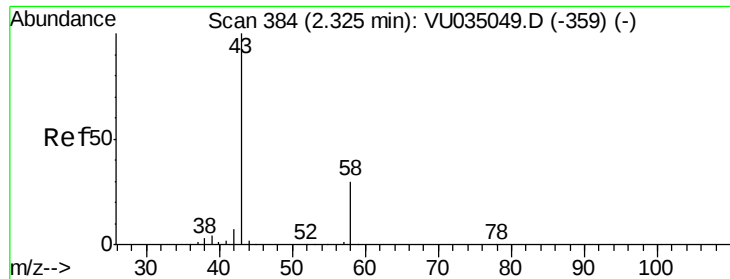


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 3.246 ug/L

RT: 2.31 min Scan# 379

Delta R.T. -0.02 min

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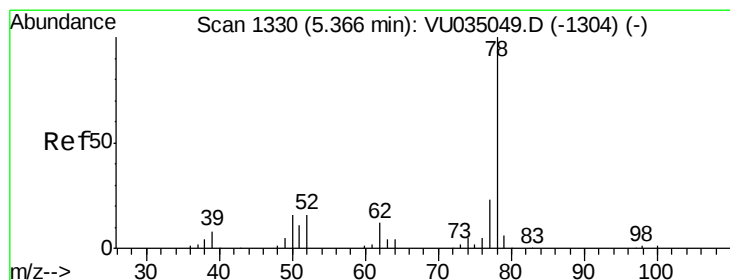
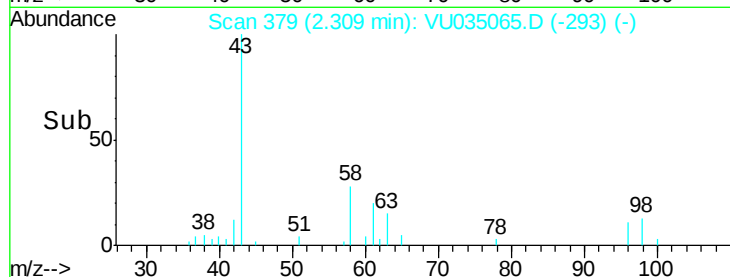
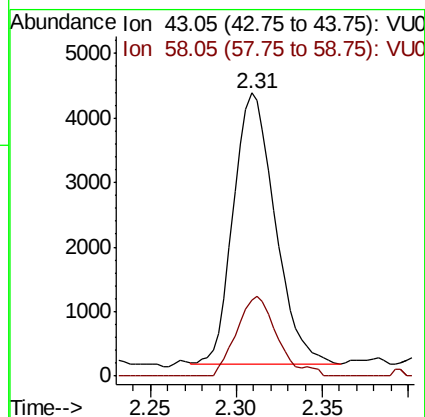
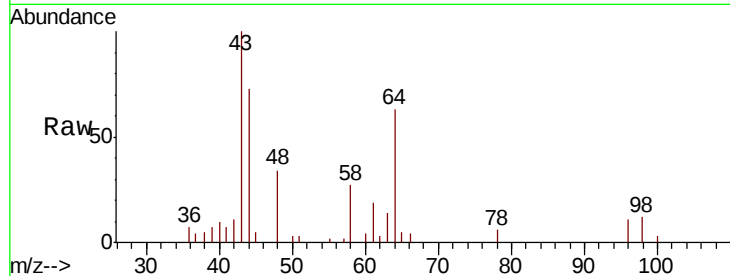
DBAW2MS

Tot Ion: 43 Resp: 7071

Ion Ratio Lower Upper

43 100

58 28.6 0.0 66.6



#33

Benzene

Concen: 4.500 ug/L

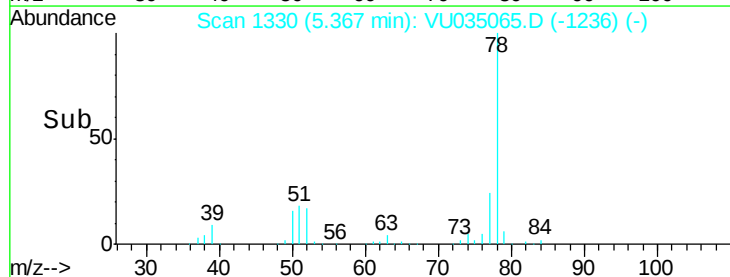
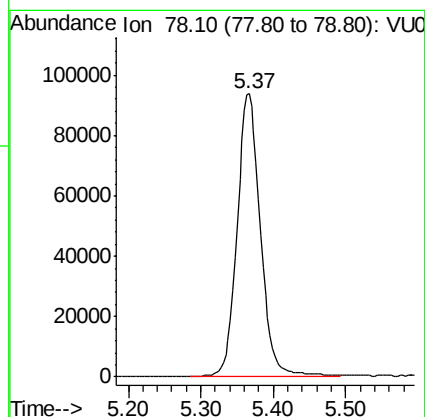
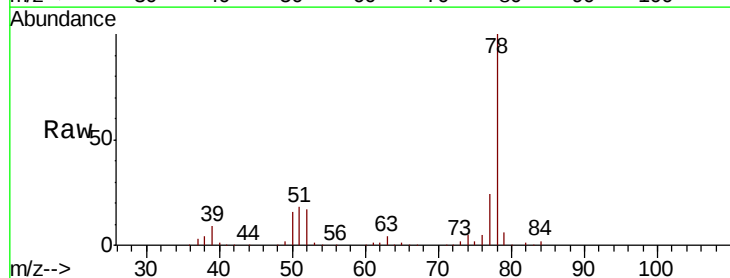
RT: 5.37 min Scan# 1330

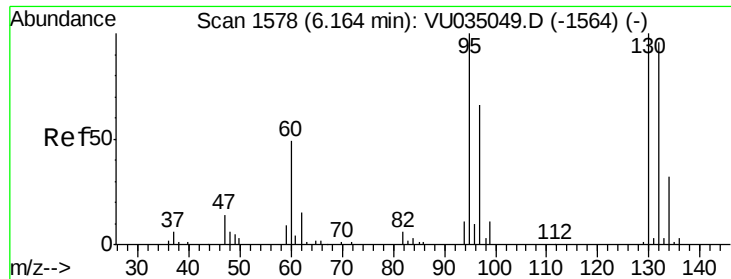
Delta R.T. 0.00 min

Lab File: VU035065.D

Acq: 10 Oct 2019 22:14

Tgt Ion: 78 Resp: 211168

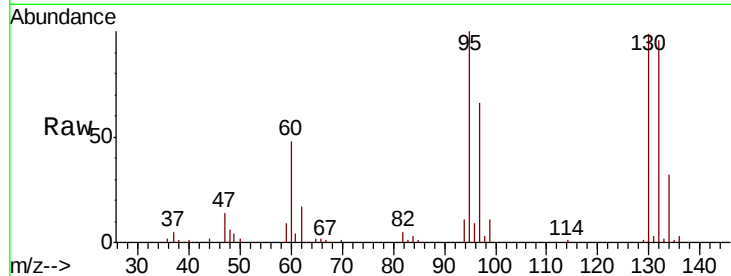




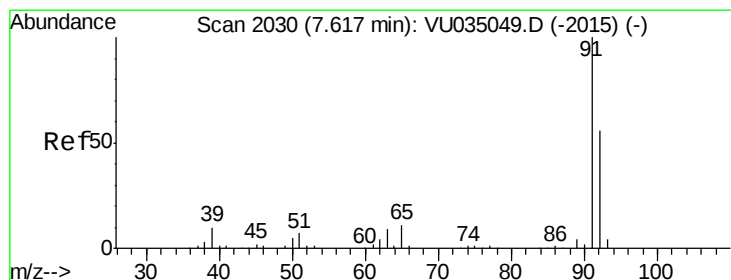
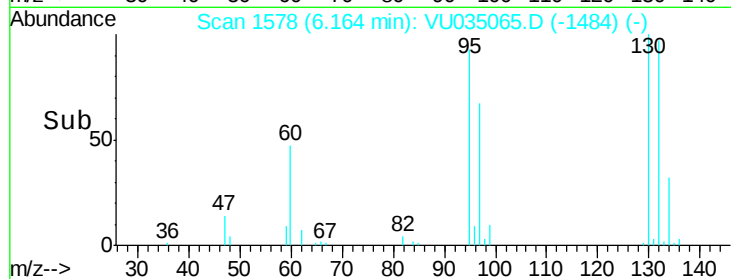
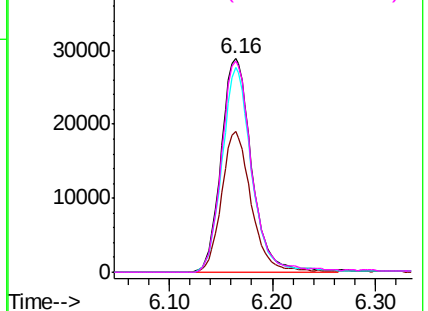
#34
 Trichloroethene
 Concen: 4.933 ug/L
 RT: 6.16 min Scan# 1578
 Delta R.T. 0.00 min
 Lab File: VU035065.D
 Acq: 10 Oct 2019 22:14

Instrument :
 MSVOA_U
 ClientSampleId :
 DBAW2MS

Tot Ion: 95 Resp: 59698
 Ion Ratio Lower Upper
 95 100
 97 66.1 44.5 82.7
 132 96.1 66.6 123.8
 130 99.1 68.9 127.9

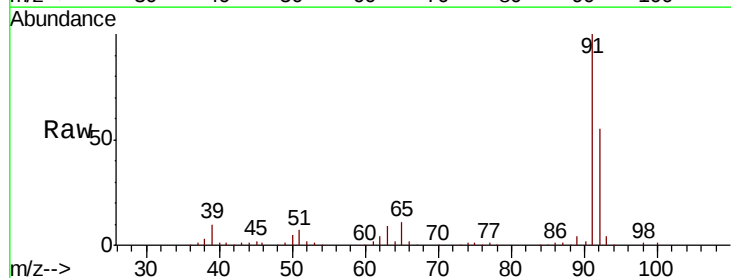


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 96.95 (96.65 to 97.65): VU0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V

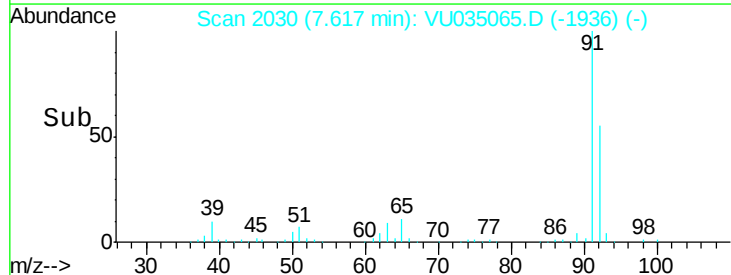
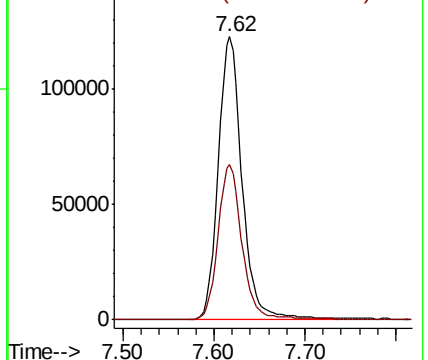


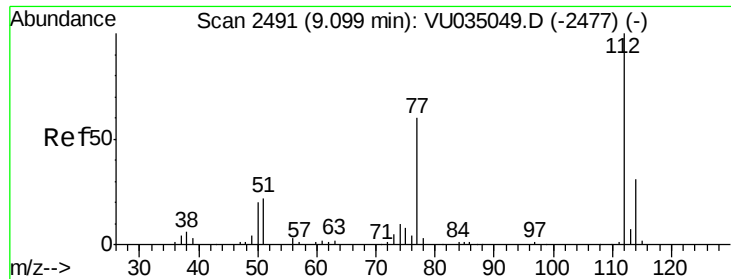
#42
 Toluene
 Concen: 4.571 ug/L
 RT: 7.62 min Scan# 2030
 Delta R.T. 0.00 min
 Lab File: VU035065.D
 Acq: 10 Oct 2019 22:14

Tgt Ion: 91 Resp: 223884
 Ion Ratio Lower Upper
 91 100
 92 54.8 40.0 74.2



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

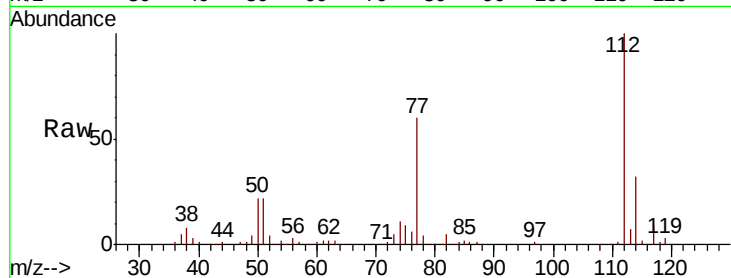




#51
 Chlorobenzene
 Concen: 4.906 ug/L
 RT: 9.10 min Scan# 2491
 Delta R.T. 0.00 min
 Lab File: VU035065.D
 Acq: 10 Oct 2019 22:14

Instrument :
 MSVOA_U
 ClientSampleId :
 DBAW2MS

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.2	22.1	41.1
77	59.9	46.9	70.3



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): VU0

