

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080418\
 Data File : VU025828.D
 Acq On : 03 Aug 2018 19:11
 Operator : MD/SY
 Sample : J4340-03MSD
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E5F68MSD

Quant Time: Aug 03 23:52:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM072018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 03 23:51:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	324892	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	309841	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	147522	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	78948	42.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.12%
7) Chloroethane-d5	1.68	69	66938	43.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.50%
11) 1,1-Dichloroethene-d2	2.27	63	166874	43.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.44%
21) 2-Butanone-d5	4.18	46	146635	102.40	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.40%
24) Chloroform-d	4.65	84	182235	44.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.22%
26) 1,2-Dichloroethane-d4	5.31	65	126922	46.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.90%
32) Benzene-d6	5.35	84	355281	44.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.42%
36) 1,2-Dichloropropane-d6	6.33	67	115486	45.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.20%
41) Toluene-d8	7.57	98	334539	43.90	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.80%
43) trans-1,3-Dichloropropene-	7.85	79	58149	44.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.92%
47) 2-Hexanone-d5	8.31	63	105949	98.82	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.82%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	158467	44.25	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.50%
64) 1,2-Dichlorobenzene-d4	11.86	152	139715	46.73	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.46%

Target Compounds

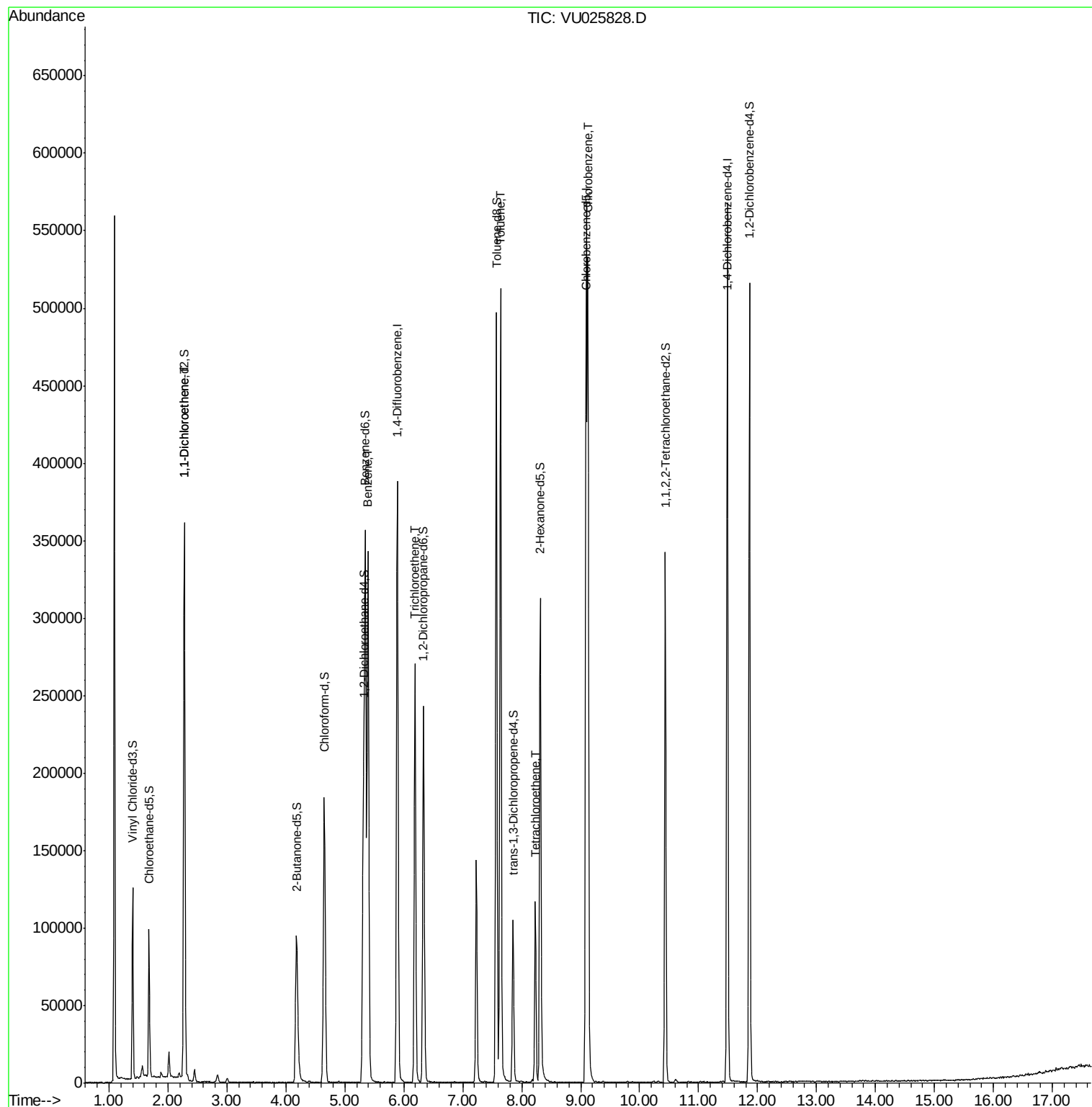
					Ovalue
12) 1,1-Dichloroethene	2.28	96	60292	32.88	ug/L # 81
33) Benzene	5.39	78	328603	36.91	ug/L 100
34) Trichloroethene	6.19	95	89989	38.10	ug/L 96
42) Toluene	7.64	91	369885	38.53	ug/L 100
46) Tetrachloroethene	8.23	164	26612	13.00	ug/L 95
51) Chlorobenzene	9.12	112	271737	42.04	ug/L 98

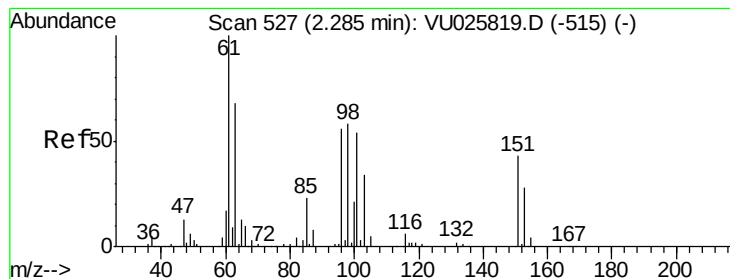
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Aug 03 23:51:54 2018
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#12

1,1-Dichloroethene

Concen: 32.88 ug/L

RT: 2.28 min Scan# 526

Delta R.T. -0.00 min

Lab File: VU025828.D

Acq: 03 Aug 2018 19:11

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MSVOA_U

ClientSampleId :

E5F68MSD

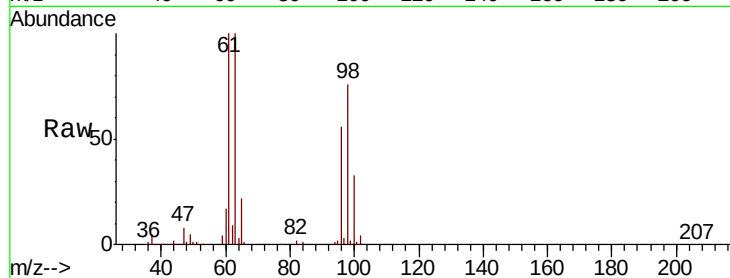
Tot Ion: 96 Resp: 60292

Ion Ratio Lower Upper

96 100

61 178.7 122.5 227.5

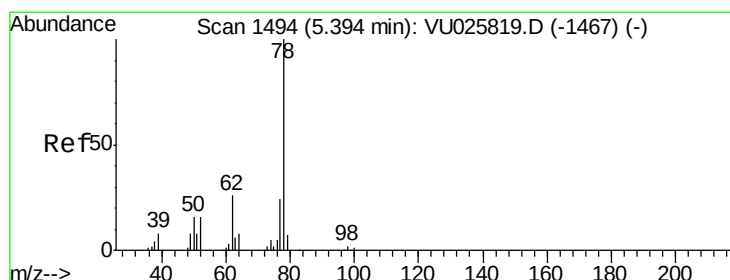
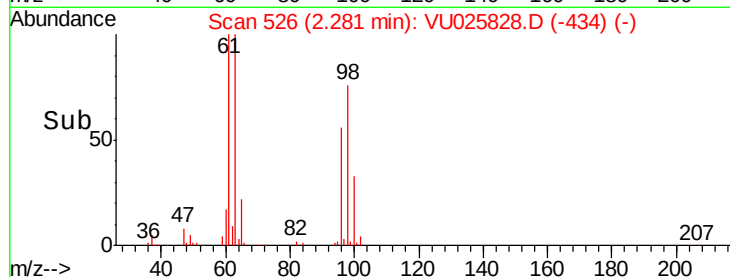
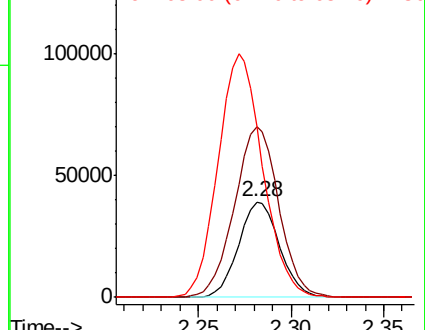
63 178.8 90.9 168.9#



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0



#33

Benzene

Concen: 36.91 ug/L

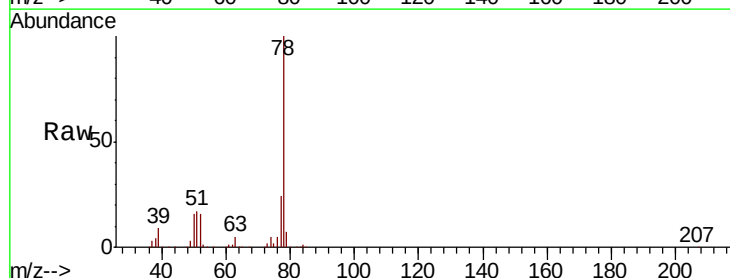
RT: 5.39 min Scan# 1494

Delta R.T. -0.00 min

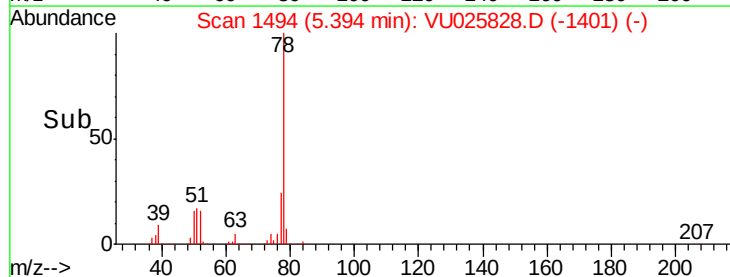
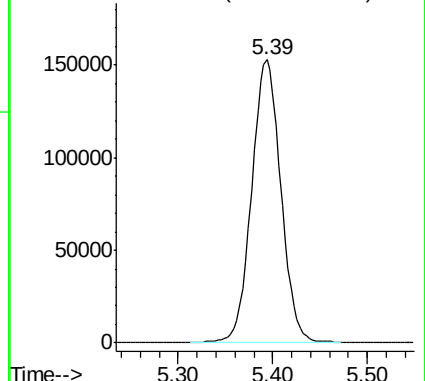
Lab File: VU025828.D

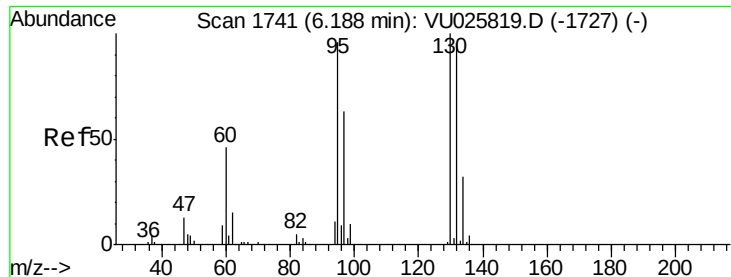
Acq: 03 Aug 2018 19:11

Tgt Ion: 78 Resp: 328603



Abundance Ion 78.00 (77.70 to 78.70): VU0





#34

Trichloroethene

Concen: 38.10 ug/L

RT: 6.19 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VU025828.D

Acq: 03 Aug 2018 19:11

Instrument :

MSVOA_U

ClientSampleId :

E5F68MSD

Tot Ion: 95 Resp: 89989

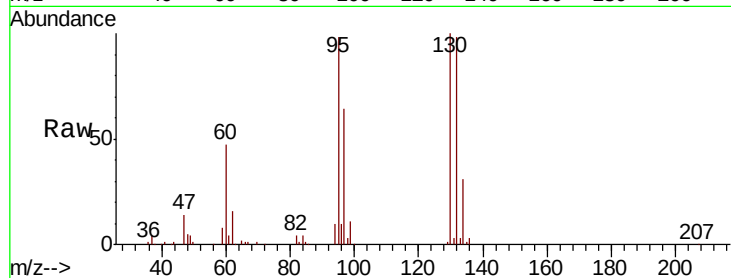
Ion Ratio Lower Upper

95 100

97 64.6 45.9 85.3

132 99.2 72.2 134.2

130 101.6 74.9 139.1

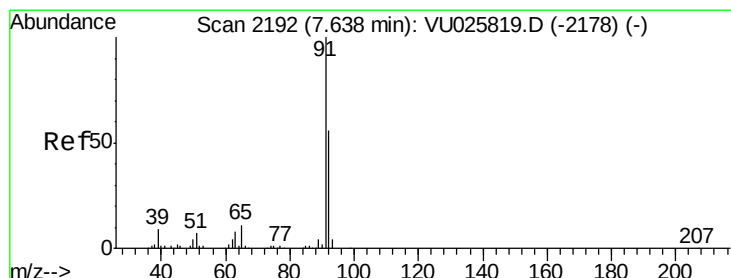
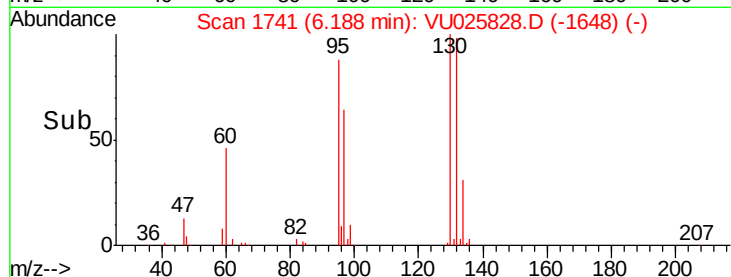
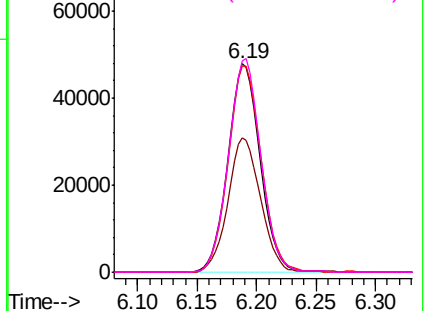


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#42

Toluene

Concen: 38.53 ug/L

RT: 7.64 min Scan# 2193

Delta R.T. 0.00 min

Lab File: VU025828.D

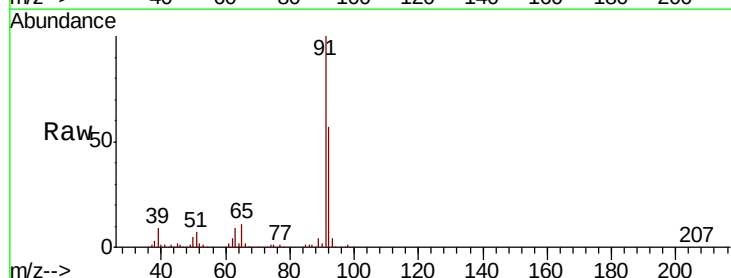
Acq: 03 Aug 2018 19:11

Tgt Ion: 91 Resp: 369885

Ion Ratio Lower Upper

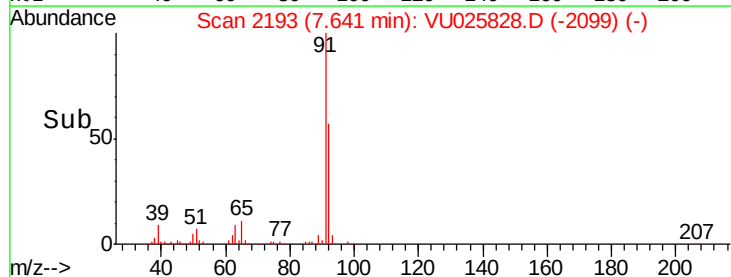
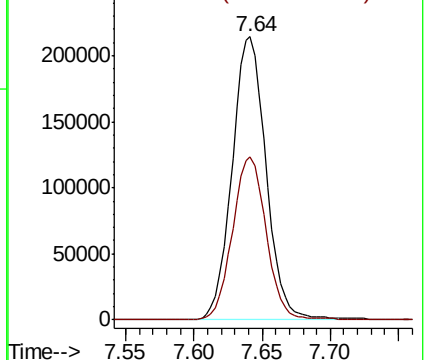
91 100

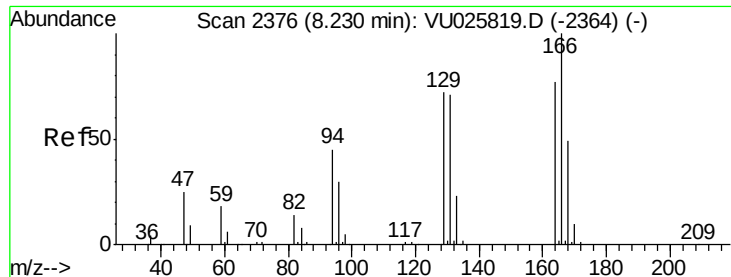
92 57.5 40.0 74.2



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 92.00 (91.70 to 92.70): VU0

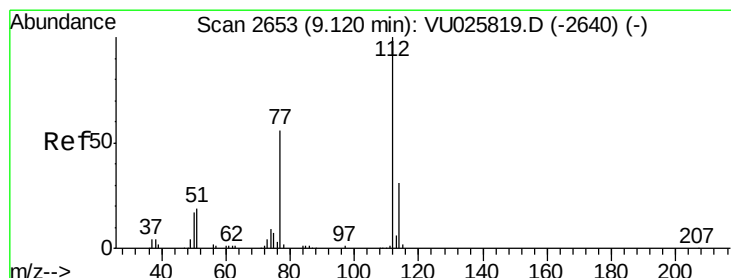
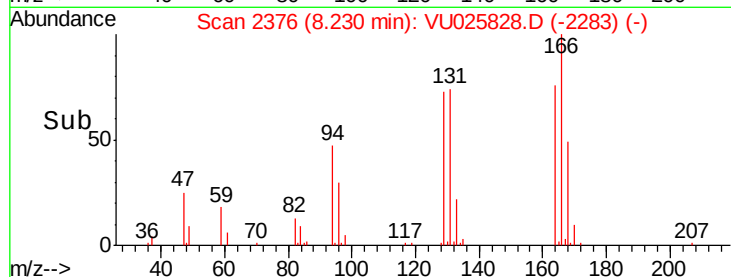
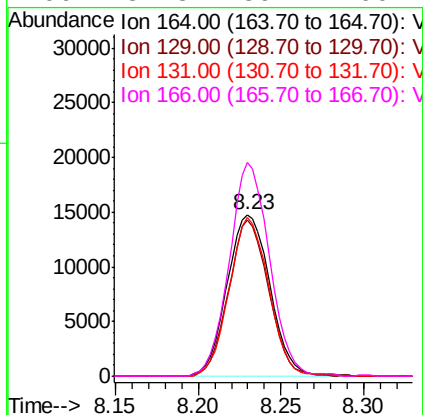
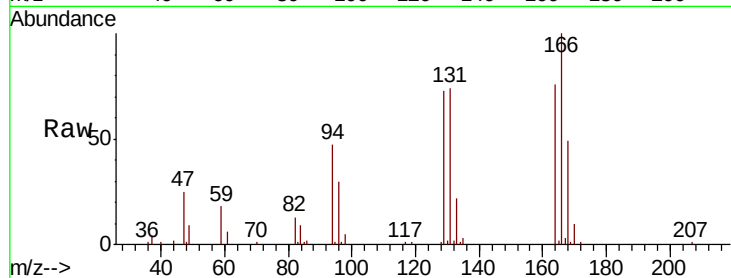




#46
Tetrachloroethene
Concen: 13.00 ug/L
RT: 8.23 min Scan# 2376
Delta R.T. -0.00 min
Lab File: VU025828.D
Acq: 03 Aug 2018 19:11

Instrument :
MSVOA_U
ClientSampleId :
E5F68MSD

Tot Ion:164	Resp:	26612
Ion Ratio	Lower	Upper
164 100		
129 96.6	65.1	120.9
131 98.5	62.8	116.6
166 132.3	89.7	166.7



#51
Chlorobenzene
Concen: 42.04 ug/L
RT: 9.12 min Scan# 2654
Delta R.T. 0.00 min
Lab File: VU025828.D
Acq: 03 Aug 2018 19:11

Tgt Ion	Ion:112	Resp:	271737
	Ratio	Lower	Upper
112	100		
114	31.3	22.5	41.9
77	56.0	45.8	68.8

