

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

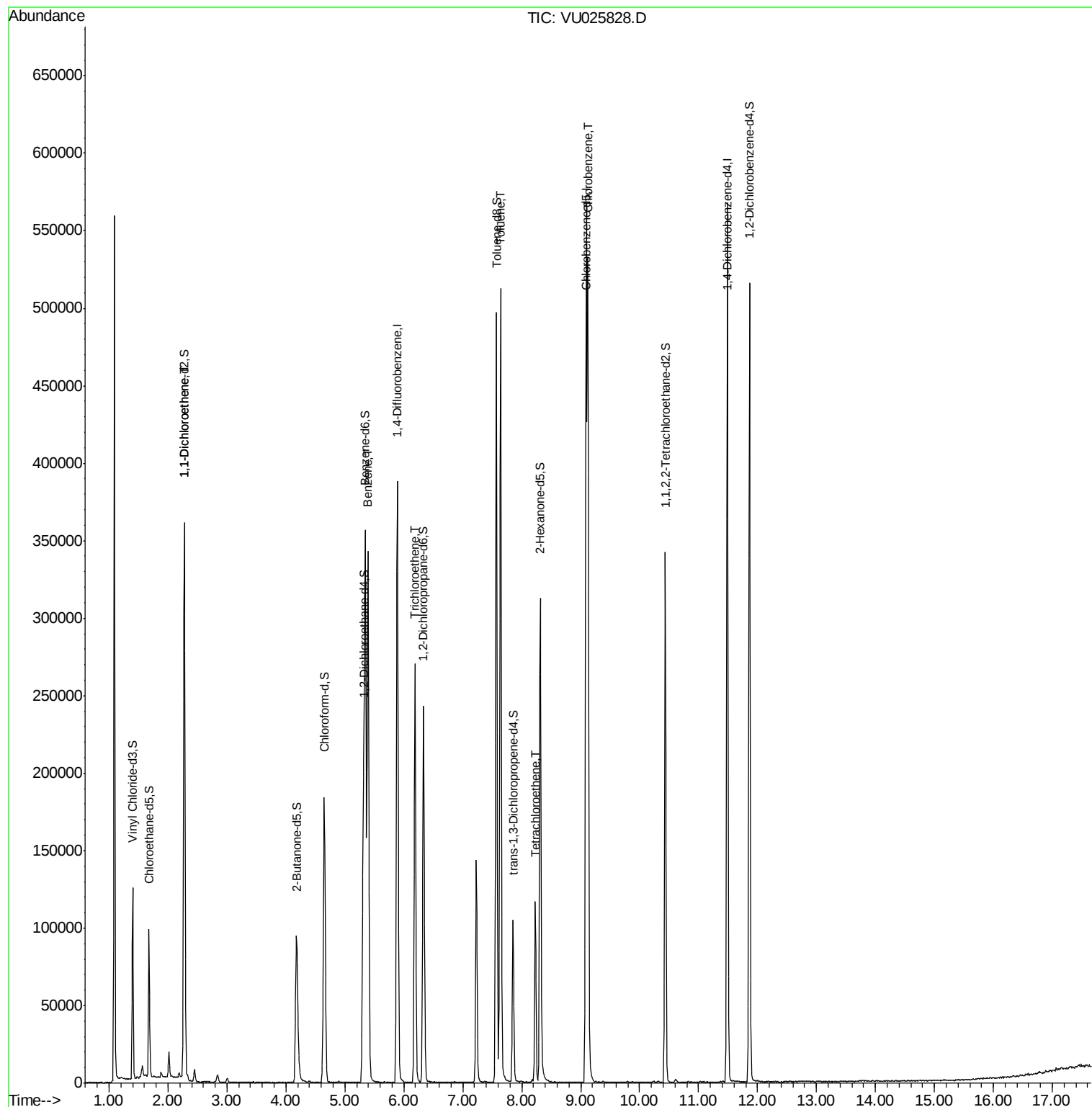
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) 1,1-Dichloroethene	2.28	96	60292	32.883	ug/L	# 81
33) Benzene	5.39	78	328603	36.911	ug/L	100
34) Trichloroethene	6.19	95	89989	38.096	ug/L	96
42) Toluene	7.64	91	369885	38.527	ug/L	100
46) Tetrachloroethene	8.23	164	26612	12.995	ug/L	95
51) Chlorobenzene	9.12	112	271737	42.042	ug/L	98

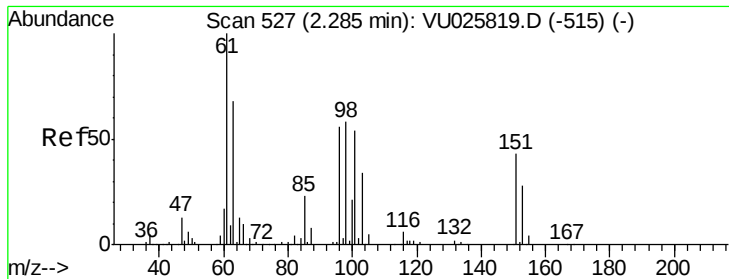
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Aug 03 23:51:54 2018
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#12

1,1-Dichloroethene

Concen: 32.883 ug/L

RT: 2.28 min Scan# 526

Delta R.T. -0.00 min

Lab File: VU025828.D

Acq: 03 Aug 2018 19:11

Instrument :

MSVOA_U

ClientSampleId :

E5F68MSD

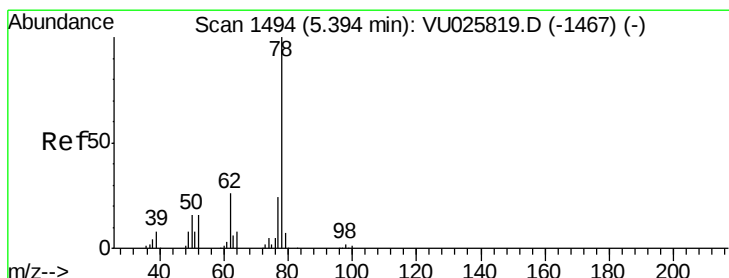
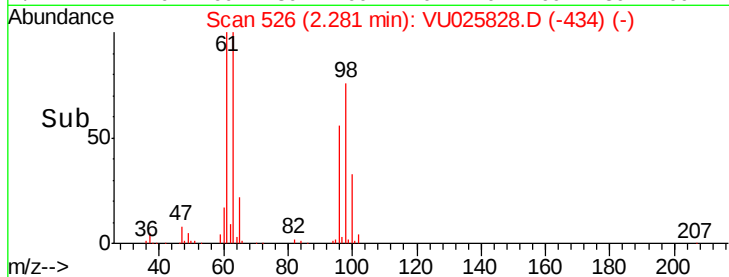
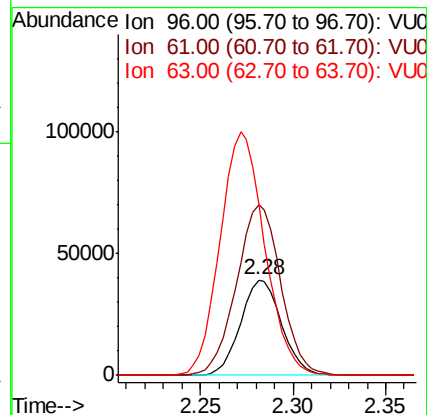
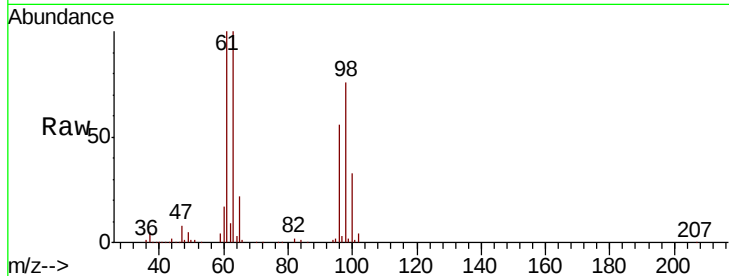
Tgt Ion: 96 Resp: 60292

Ion Ratio Lower Upper

96 100

61 178.7 122.5 227.5

63 178.8 90.9 168.9#



#33

Benzene

Concen: 36.911 ug/L

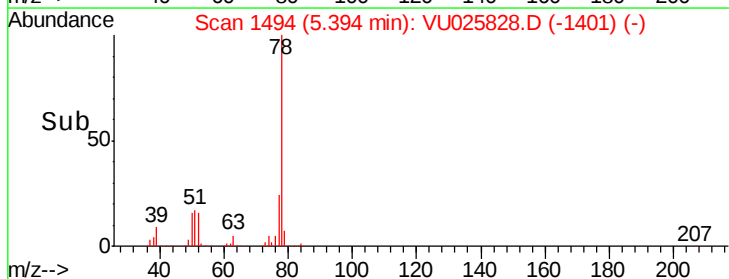
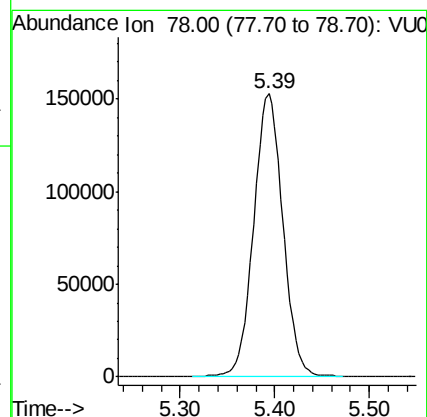
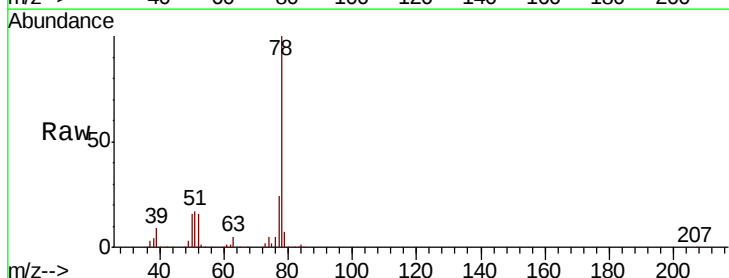
RT: 5.39 min Scan# 1494

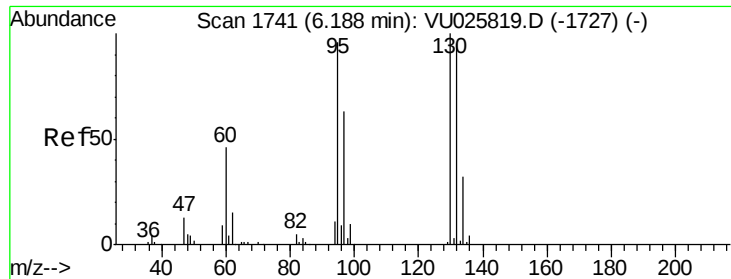
Delta R.T. -0.00 min

Lab File: VU025828.D

Acq: 03 Aug 2018 19:11

Tgt Ion: 78 Resp: 328603

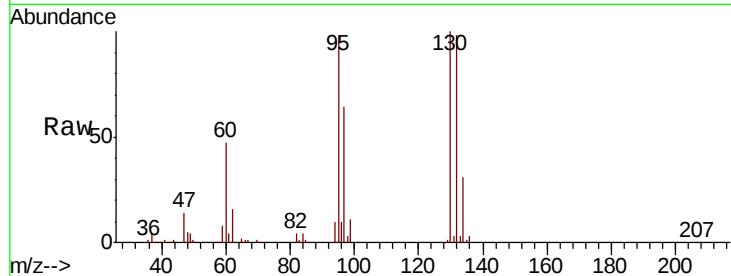




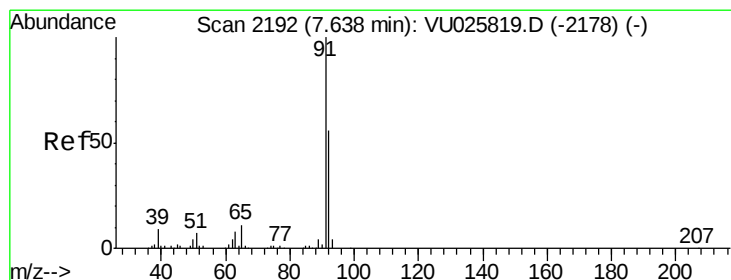
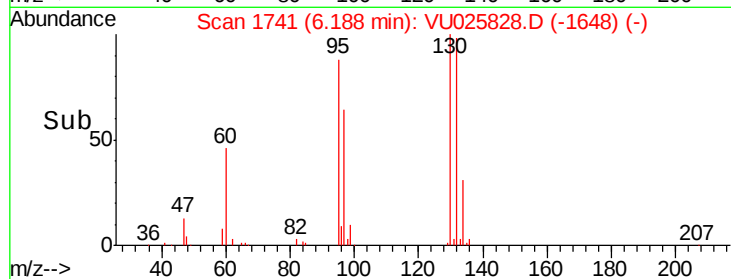
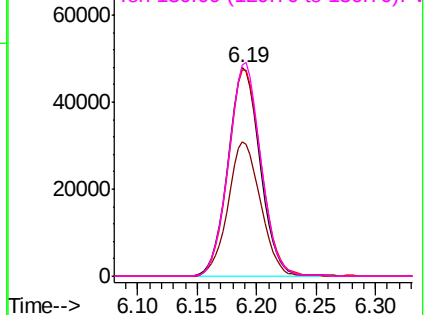
#34
 Trichloroethene
 Concen: 38.096 ug/L
 RT: 6.19 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VU025828.D
 Acq: 03 Aug 2018 19:11

Instrument :
 MSVOA_U
 ClientSampleId :
 E5F68MSD

Tgt 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

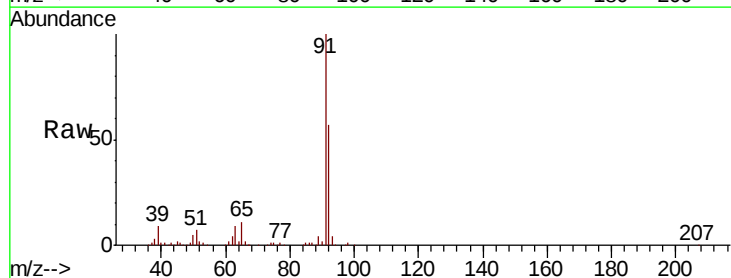


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 97.00 (96.70 to 97.70): VU0
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

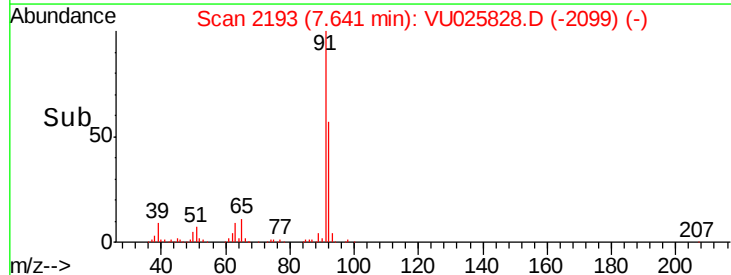
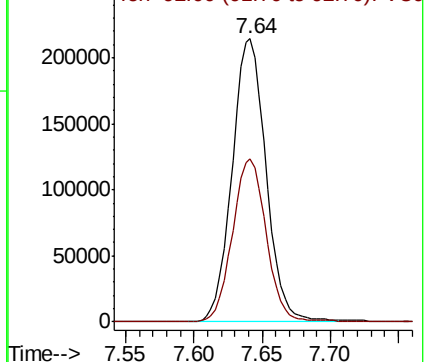


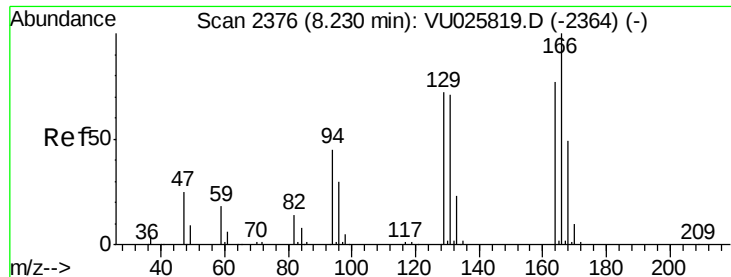
#42
 Toluene
 Concen: 38.527 ug/L
 RT: 7.64 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: VU025828.D
 Acq: 03 Aug 2018 19:11

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: 12.995 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

Tgt Ion:164 Resp: 26612

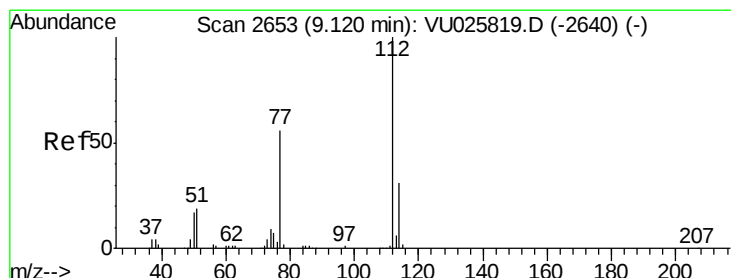
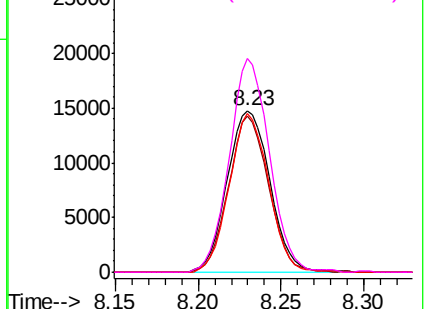
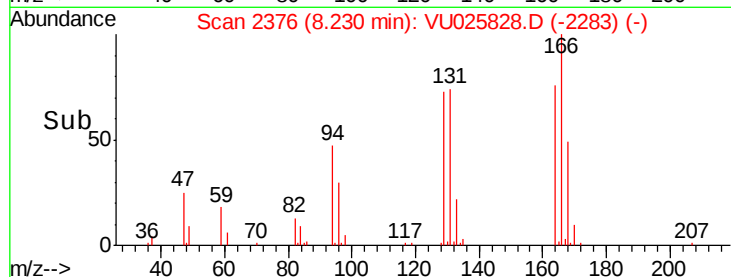
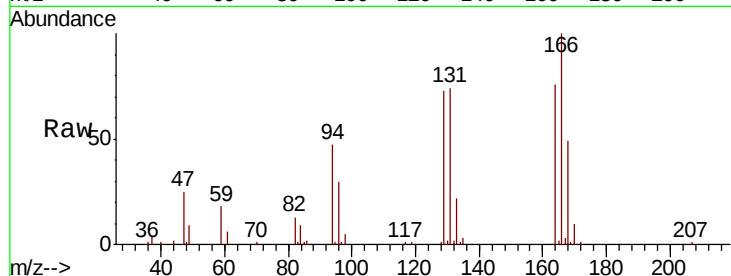
Ion Ratio Lower Upper

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: 42.042 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:112 Resp: 271737

Ion Ratio Lower Upper

112 100

114 31.3 22.5 41.9

77 56.0 45.8 68.8

