

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080418\
 Data File : VU025827.D
 Acq On : 03 Aug 2018 18:47
 Operator : MD/SY
 Sample : J4340-02MS
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E5F68MS

Quant Time: Aug 03 23:52:43 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	302585	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	290344	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	137780	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	73280	42.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.84%
7) Chloroethane-d5	1.68	69	63109	44.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.58%
11) 1,1-Dichloroethene-d2	2.27	63	147721	41.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.16%
21) 2-Butanone-d5	4.18	46	137209	102.88	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.88%
24) Chloroform-d	4.65	84	167536	43.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.08%
26) 1,2-Dichloroethane-d4	5.31	65	119641	47.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.04%
32) Benzene-d6	5.35	84	327193	43.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.88%
36) 1,2-Dichloropropane-d6	6.34	67	107129	44.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.30%
41) Toluene-d8	7.57	98	307775	43.10	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.20%
43) trans-1,3-Dichloropropene-	7.85	79	52619	42.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.86%
47) 2-Hexanone-d5	8.31	63	97633	97.18	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.18%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	148476	44.25	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.50%
64) 1,2-Dichlorobenzene-d4	11.86	152	125326	44.88	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.76%

Target Compounds

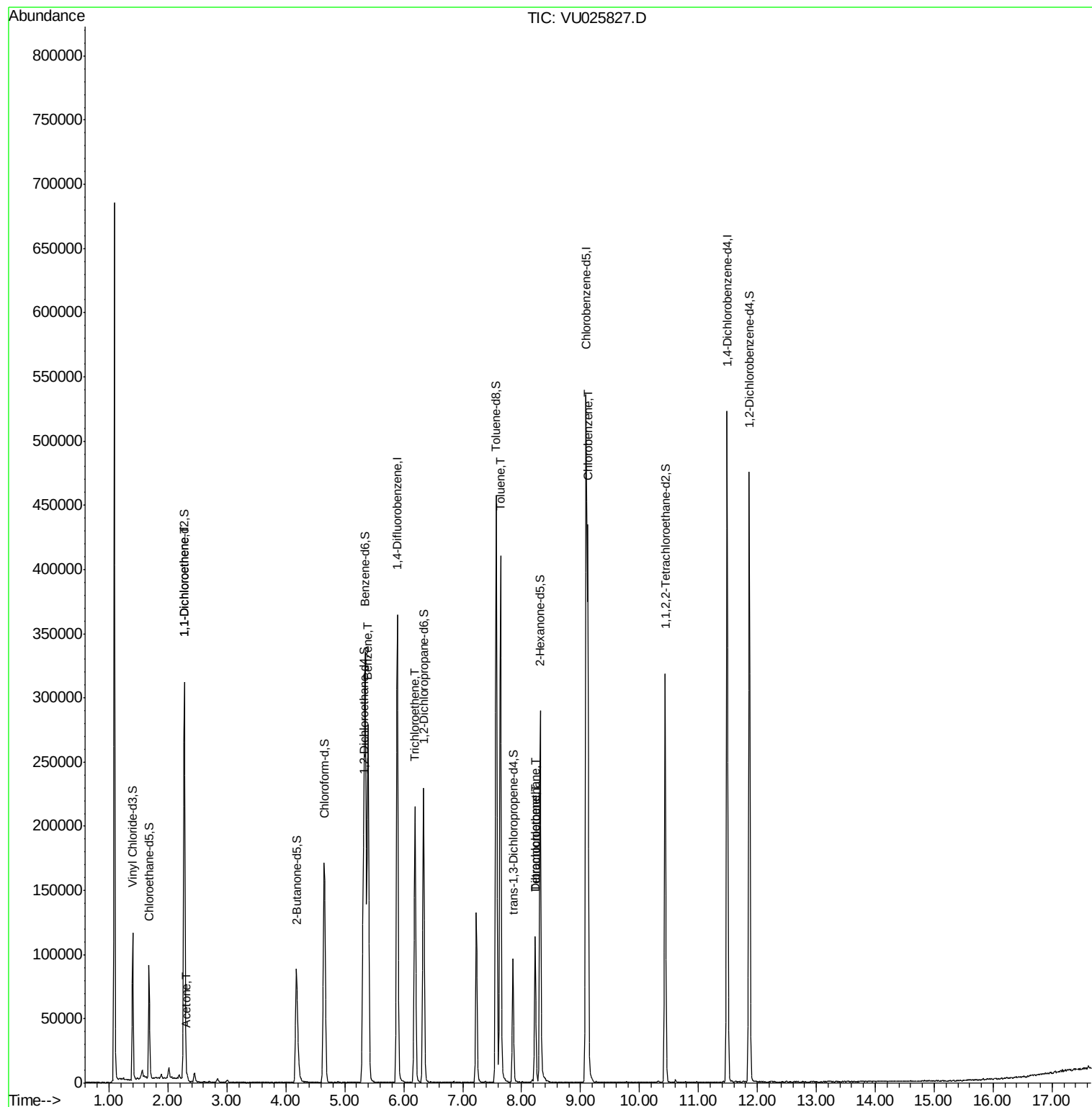
					Qvalue
12) 1,1-Dichloroethene	2.28	96	48304	28.287 ug/L	85
13) Acetone	2.32	43	2888	1.845 ug/L	90
33) Benzene	5.39	78	272334	32.644 ug/L	100
34) Trichloroethene	6.19	95	72957	32.960 ug/L	99
42) Toluene	7.64	91	298220	33.148 ug/L	99
46) Tetrachloroethene	8.23	164	25253	13.160 ug/L	99
49) Dibromochloromethane	8.23	129	23785	9.273 ug/L #	11
51) Chlorobenzene	9.12	112	220592	36.421 ug/L	98

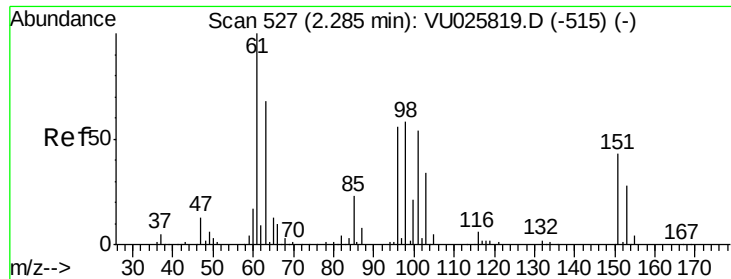
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Aug 03 23:51:54 2018
Response via : Initial Calibration

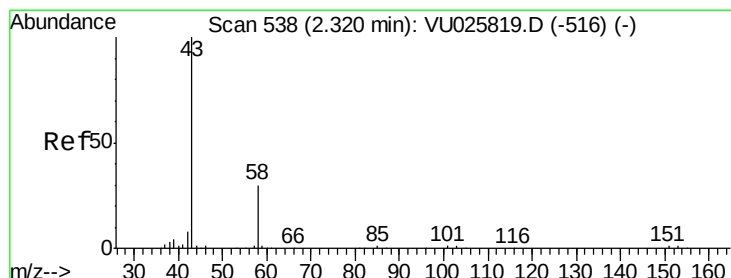
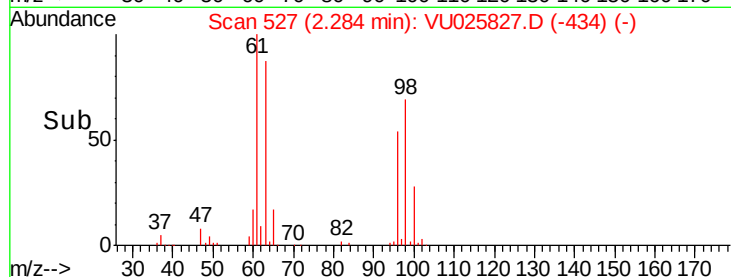
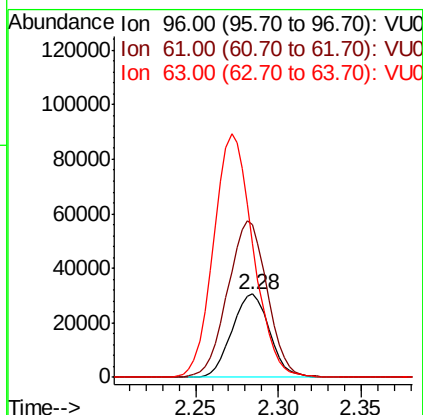
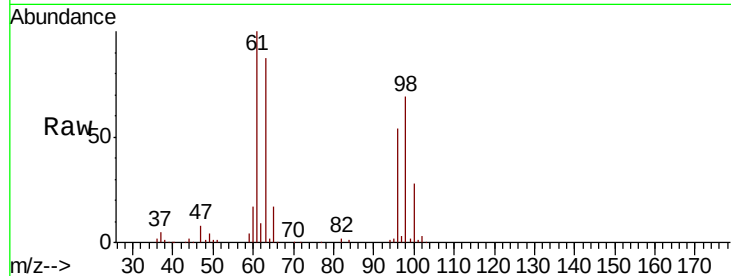




#12
 1,1-Dichloroethene
 Concen: 28.287 ug/L
 RT: 2.28 min Scan# 527
 Delta R.T. -0.00 min
 Lab File: VU025827.D
 Acq: 03 Aug 2018 18:47

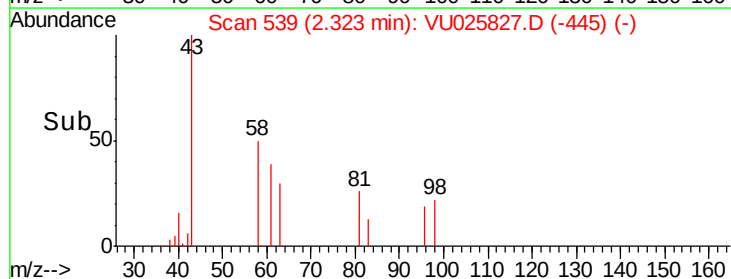
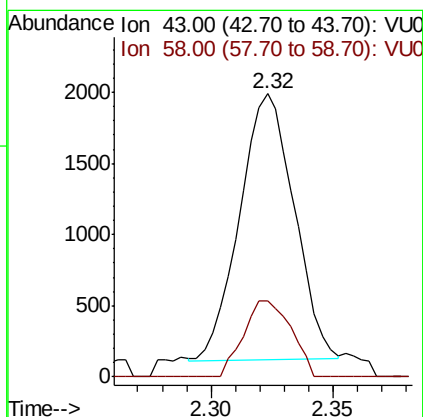
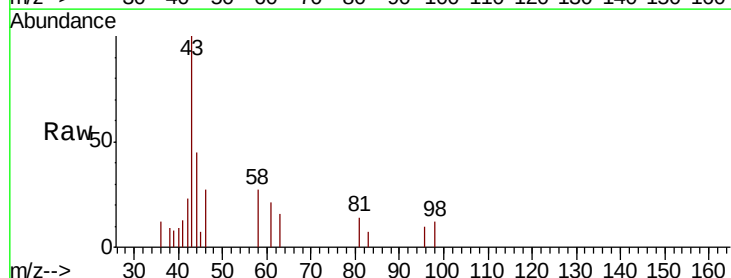
Instrument :
 MSVOA_U
 ClientSampleId :
 E5F68MS

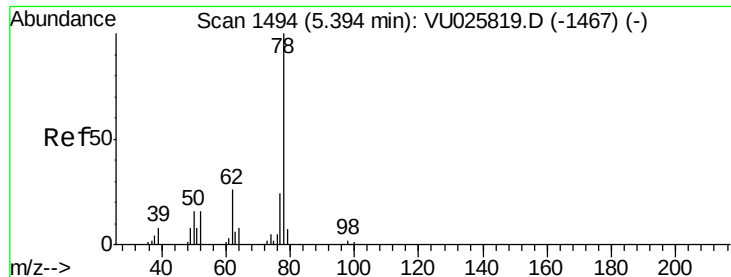
Tgt Ion	Resp	Lower	Upper
96	48304		
96	100		
61	183.5	122.5	227.5
63	160.5	90.9	168.9



#13
 Acetone
 Concen: 1.845 ug/L
 RT: 2.32 min Scan# 539
 Delta R.T. 0.00 min
 Lab File: VU025827.D
 Acq: 03 Aug 2018 18:47

Tgt Ion	Resp	Lower	Upper
43	2888		
43	100		
58	25.0	0.0	61.2

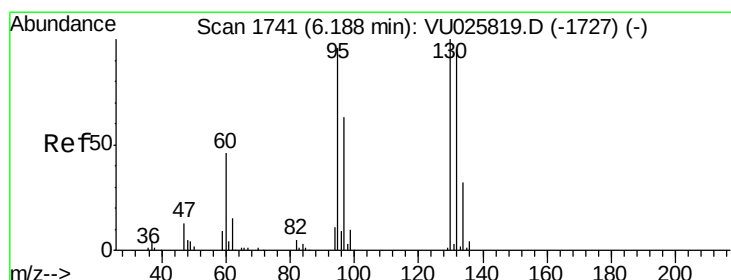
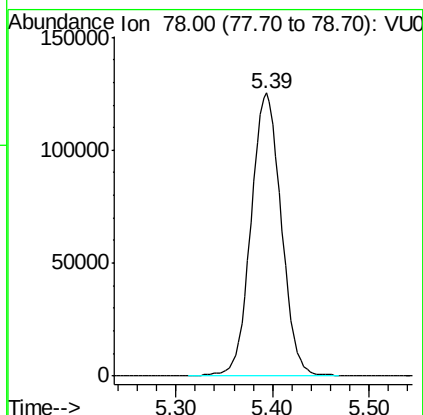
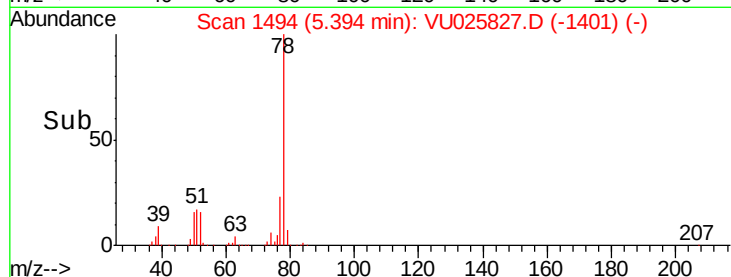
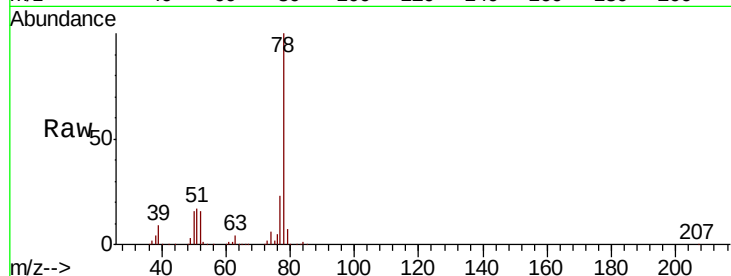




#33
Benzene
Concen: 32.644 ug/L
RT: 5.39 min Scan# 1494
Delta R.T. -0.00 min
Lab File: VU025827.D
Acq: 03 Aug 2018 18:47

Instrument :
MSVOA_U
ClientSampleId :
E5F68MS

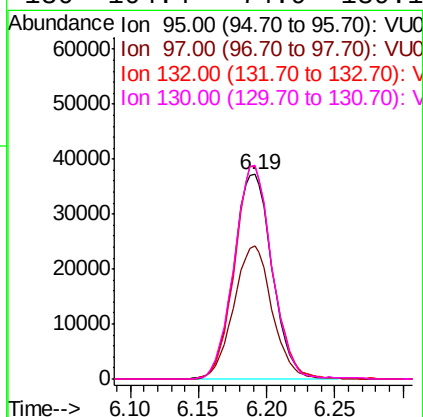
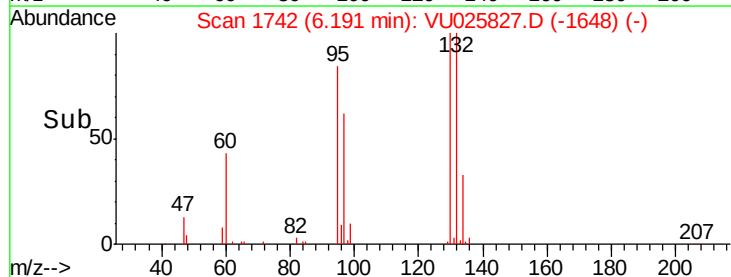
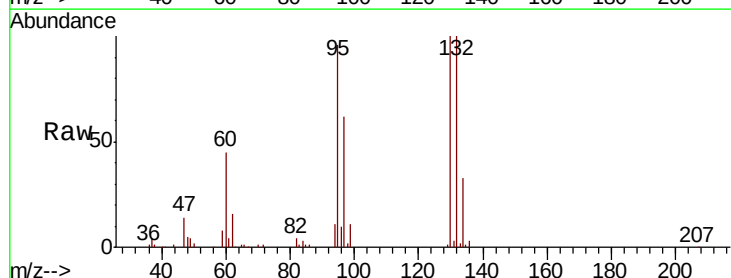
Tgt Ion: 78 Resp: 272334

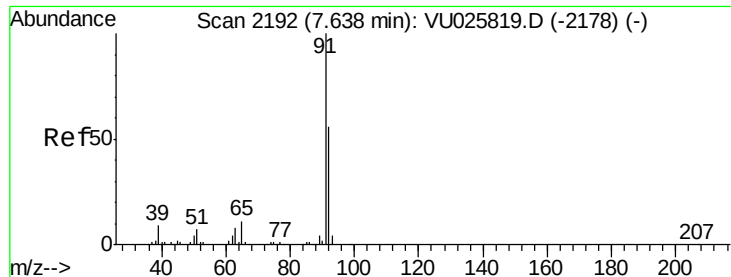


#34
Trichloroethene
Concen: 32.960 ug/L
RT: 6.19 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VU025827.D
Acq: 03 Aug 2018 18:47

Tgt Ion: 95 Resp: 72957

Ion	Ratio	Lower	Upper
95	100		
97	65.1	45.9	85.3
132	104.1	72.2	134.2
130	104.4	74.9	139.1





#42

Toluene

Concen: 33.148 ug/L

RT: 7.64 min Scan# 2193

Delta R.T. 0.00 min

Lab File: VU025827.D

Acq: 03 Aug 2018 18:47

Instrument :

MSVOA_U

ClientSampleId :

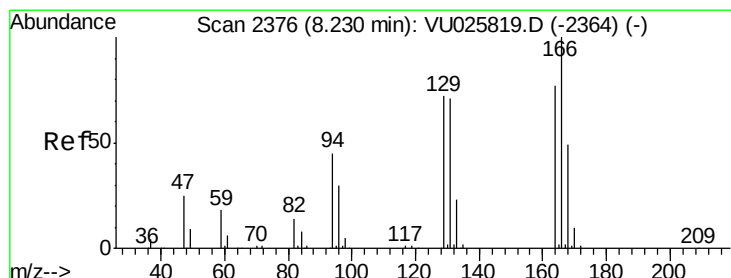
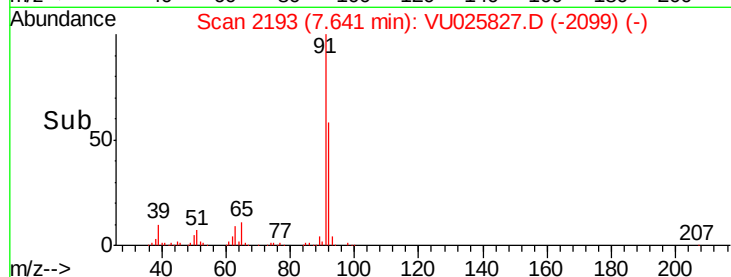
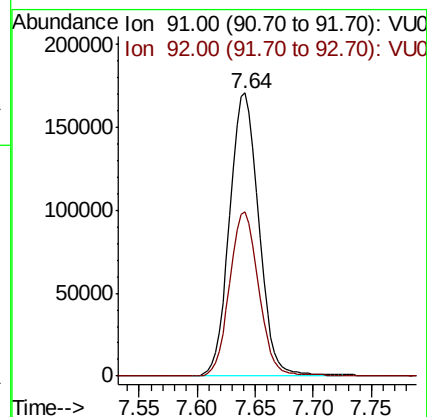
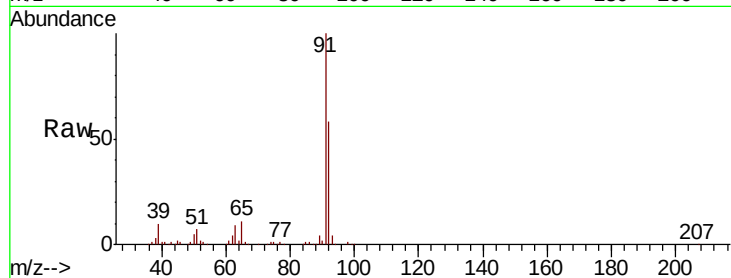
E5F68MS

Tgt Ion: 91 Resp: 298220

Ion Ratio Lower Upper

91 100

92 58.0 40.0 74.2



#46

Tetrachloroethene

Concen: 13.160 ug/L

RT: 8.23 min Scan# 2376

Delta R.T. -0.00 min

Lab File: VU025827.D

Acq: 03 Aug 2018 18:47

Tgt Ion: 164 Resp: 25253

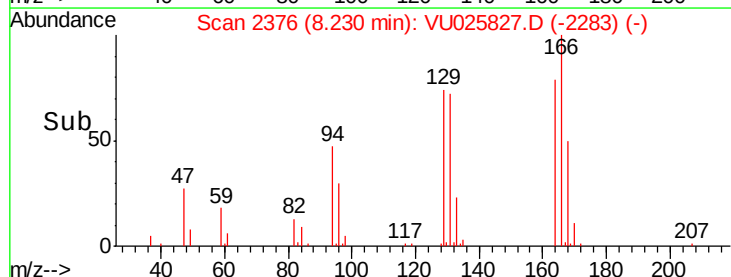
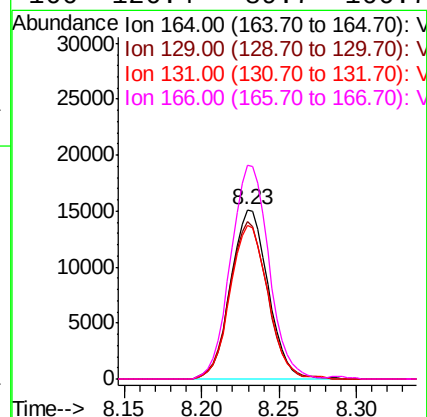
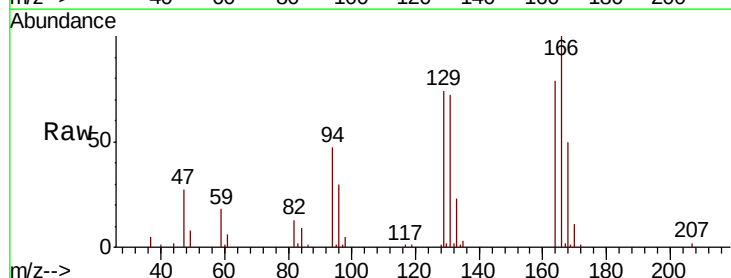
Ion Ratio Lower Upper

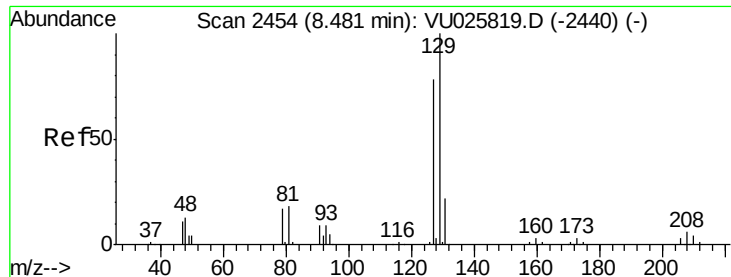
164 100

129 93.2 65.1 120.9

131 91.1 62.8 116.6

166 126.4 89.7 166.7





#49

Dibromochloromethane

Concen: 9.273 ug/L

RT: 8.23 min Scan# 2376

Delta R.T. -0.25 min

Lab File: VU025827.D

Acq: 03 Aug 2018 18:47

Instrument :

MSVOA_U

ClientSampleId :

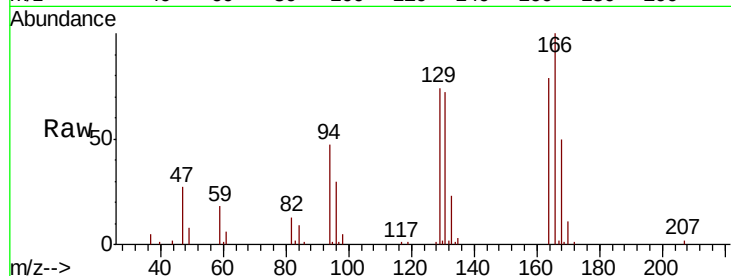
E5F68MS

Tgt Ion:129 Resp: 23785

Ion Ratio Lower Upper

129 100

127 0.0 53.8 100.0#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

8.23

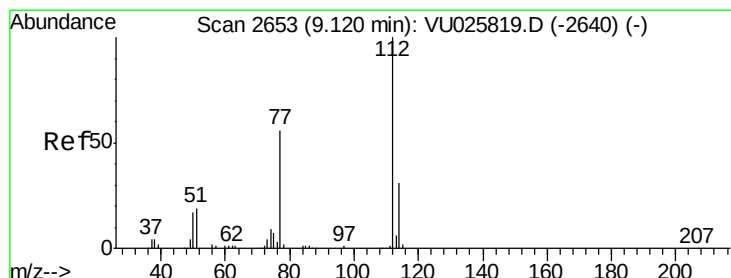
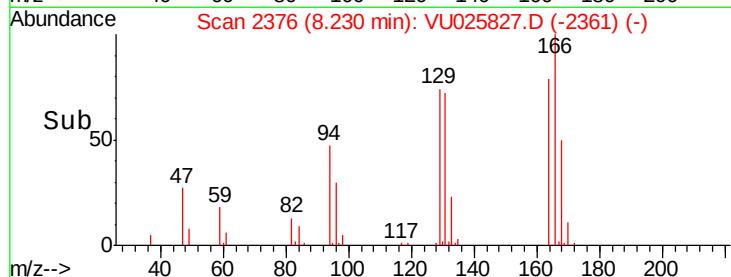
15000

10000

5000

0

Time--> 8.15 8.20 8.25 8.30



#51

Chlorobenzene

Concen: 36.421 ug/L

RT: 9.12 min Scan# 2654

Delta R.T. 0.00 min

Lab File: VU025827.D

Acq: 03 Aug 2018 18:47

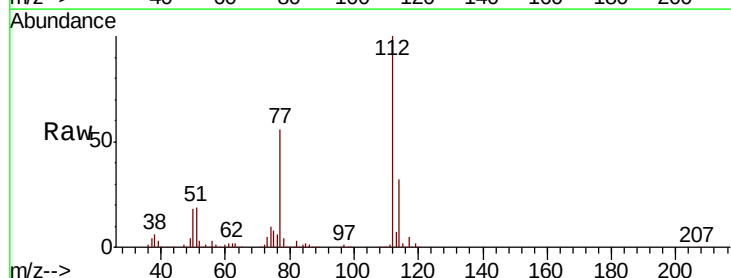
Tgt Ion:112 Resp: 220592

Ion Ratio Lower Upper

112 100

114 32.3 22.5 41.9

77 55.6 45.8 68.8



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

Ion 77.00 (76.70 to 77.70): VU0

9.12

150000

100000

50000

0

Time--> 9.05 9.10 9.15 9.20

