

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 04 00:45:49 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	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%

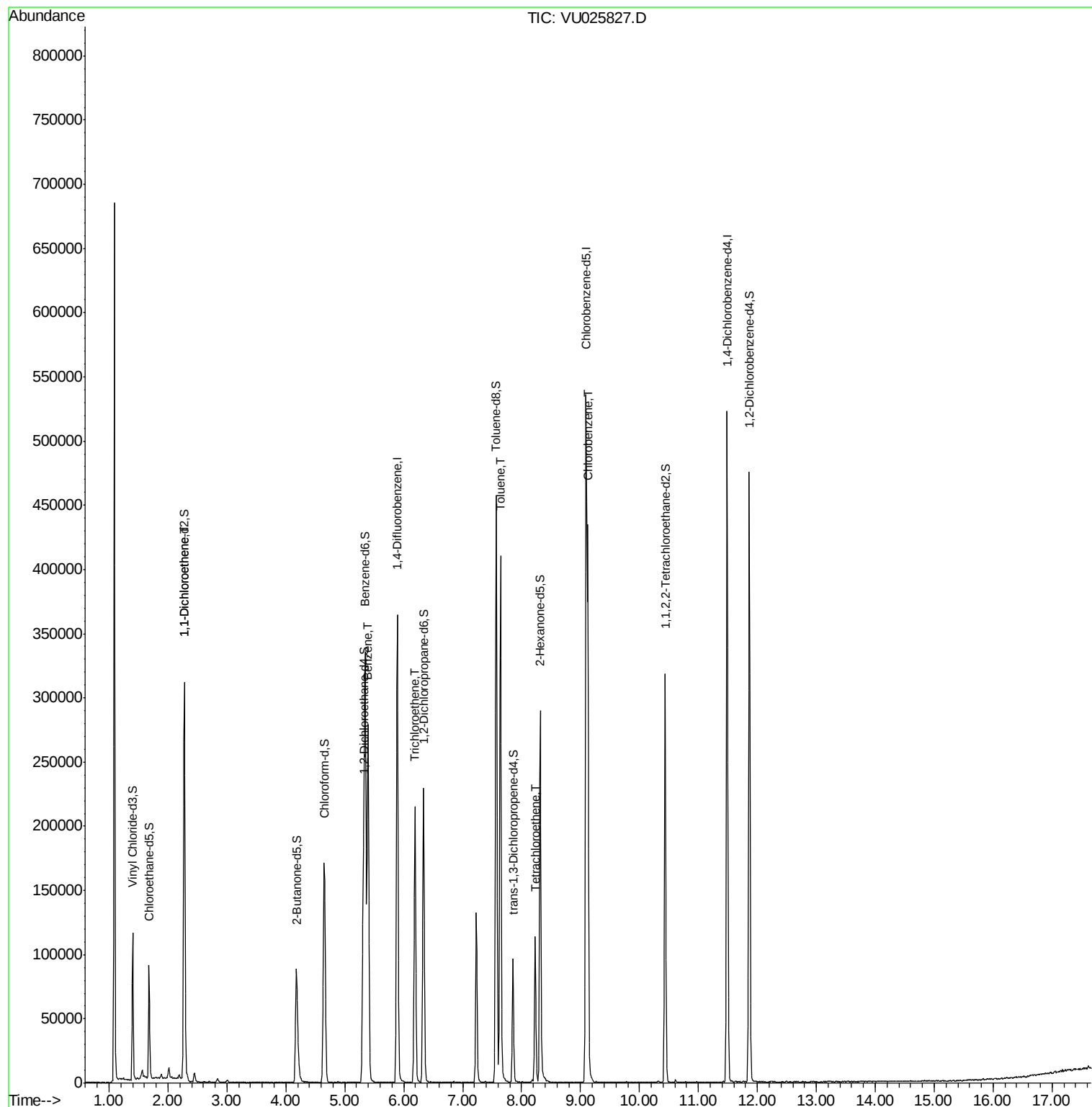
Target Compounds						Ovalue
12) 1,1-Dichloroethene	2.28	96	48304	28.29	ug/L	85
33) Benzene	5.39	78	272334	32.64	ug/L	100
34) Trichloroethene	6.19	95	72957	32.96	ug/L	99
42) Toluene	7.64	91	298220	33.15	ug/L	99
46) Tetrachloroethene	8.23	164	25253	13.16	ug/L	99
51) Chlorobenzene	9.12	112	220592	36.42	ug/L	98

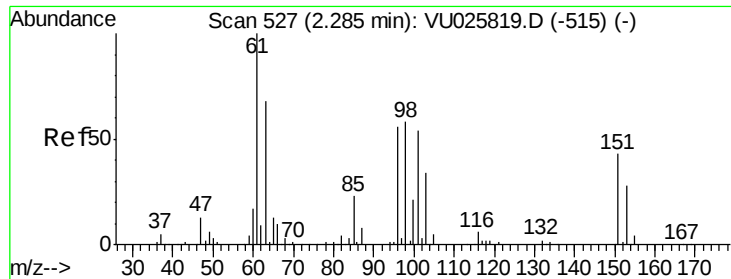
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 28.29 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

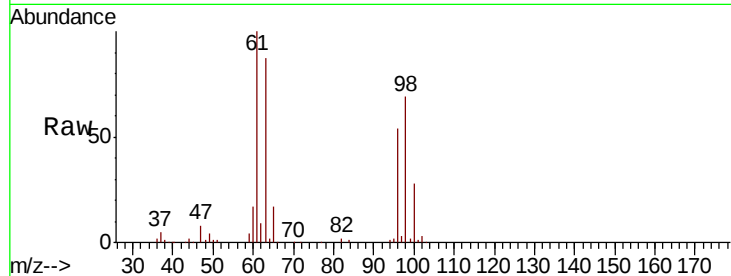
Tot Ion: 96 Resp: 48304

Ion Ratio Lower Upper

96 100

61 183.5 122.5 227.5

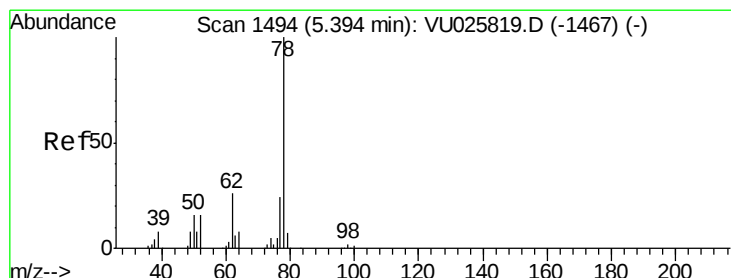
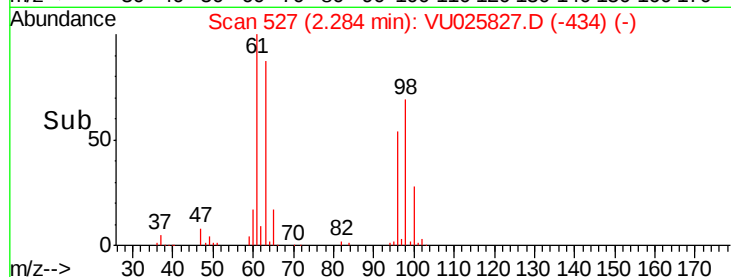
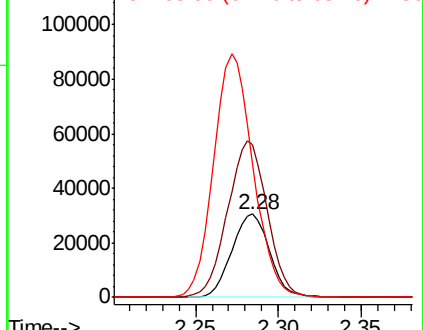
63 160.5 90.9 168.9



Abundance Ion 96.00 (95.70 to 96.70): VU025819.D (-515) (-)

Ion 61.00 (60.70 to 61.70): VU025819.D (-515) (-)

Ion 63.00 (62.70 to 63.70): VU025819.D (-515) (-)



#33

Benzene

Concen: 32.64 ug/L

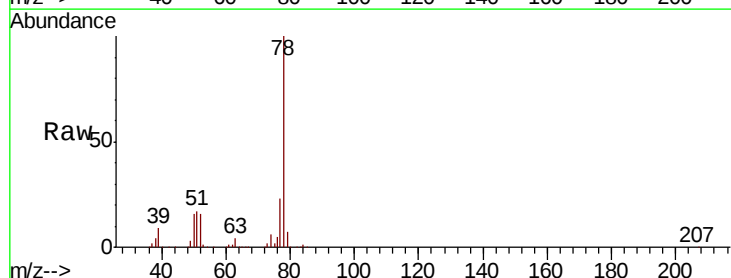
RT: 5.39 min Scan# 1494

Delta R.T. -0.00 min

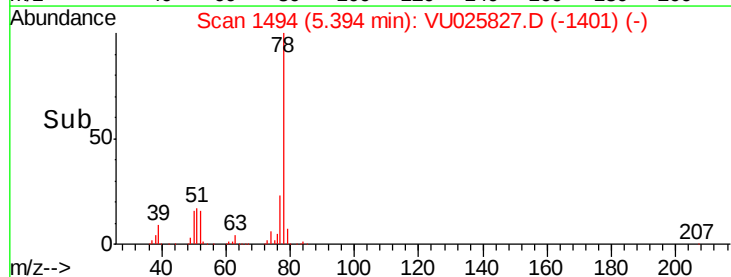
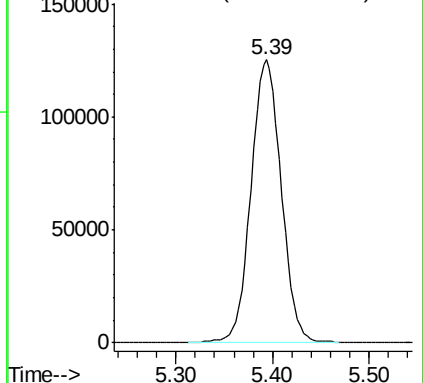
Lab File: VU025827.D

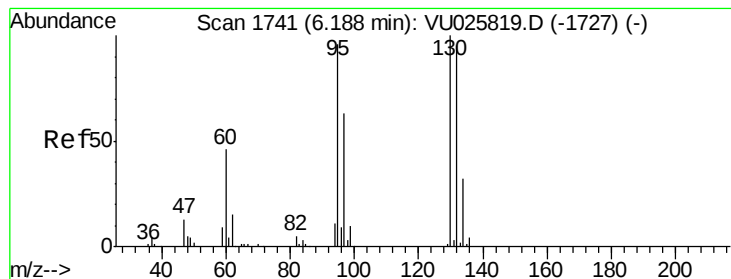
Acq: 03 Aug 2018 18:47

Tgt Ion: 78 Resp: 272334



Abundance Ion 78.00 (77.70 to 78.70): VU025819.D (-1467) (-)





#34

Trichloroethene

Concen: 32.96 ug/L

RT: 6.19 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VU025827.D

Acq: 03 Aug 2018 18:47

Instrument :

MSVOA_U

ClientSampleId :

E5F68MS

Tot Ion: 95 Resp: 72957

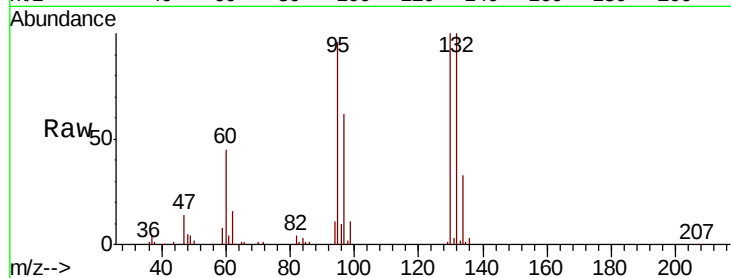
Ion Ratio Lower Upper

95 100

97 65.1 45.9 85.3

132 104.1 72.2 134.2

130 104.4 74.9 139.1

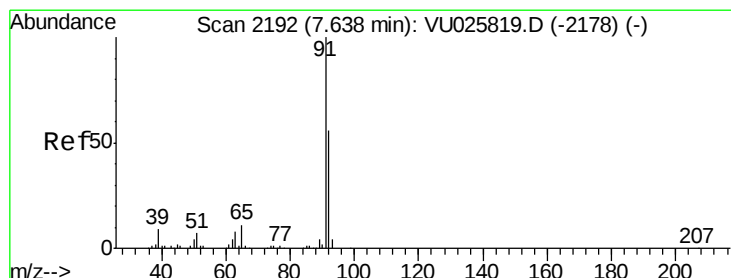
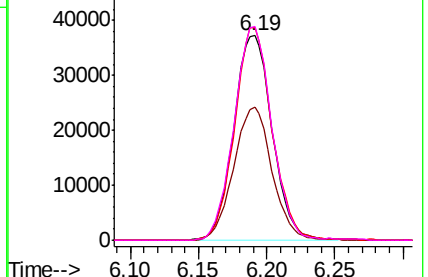
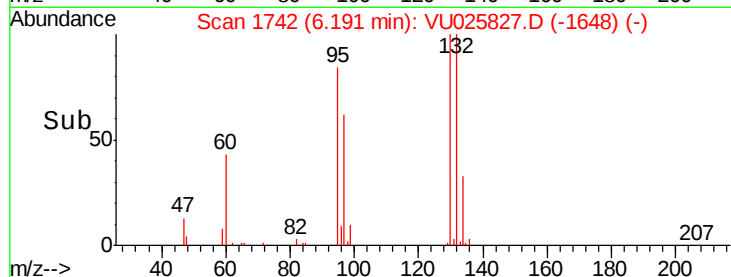


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 33.15 ug/L

RT: 7.64 min Scan# 2193

Delta R.T. 0.00 min

Lab File: VU025827.D

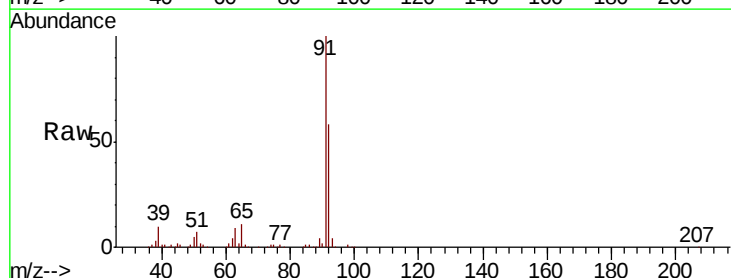
Acq: 03 Aug 2018 18:47

Tgt Ion: 91 Resp: 298220

Ion Ratio Lower Upper

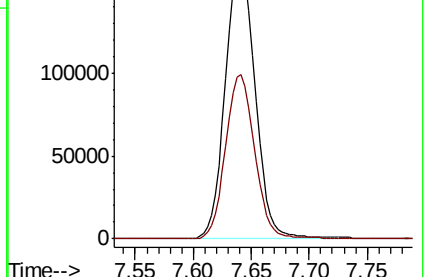
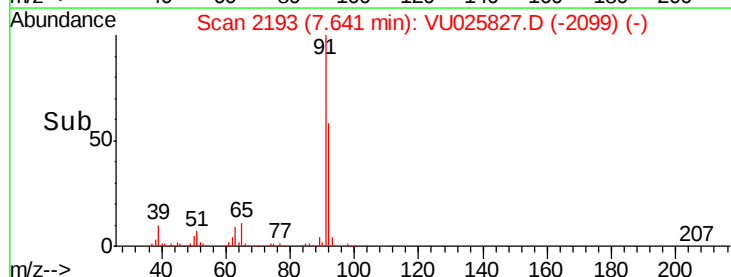
91 100

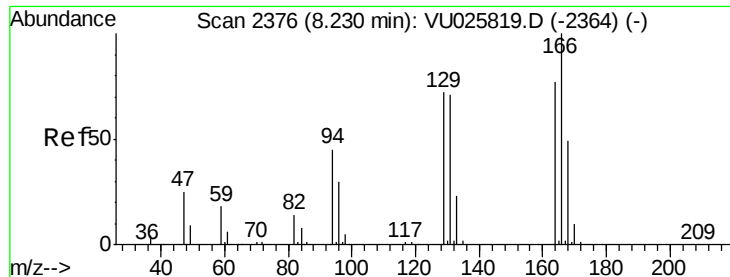
92 58.0 40.0 74.2



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 92.00 (91.70 to 92.70): VU0

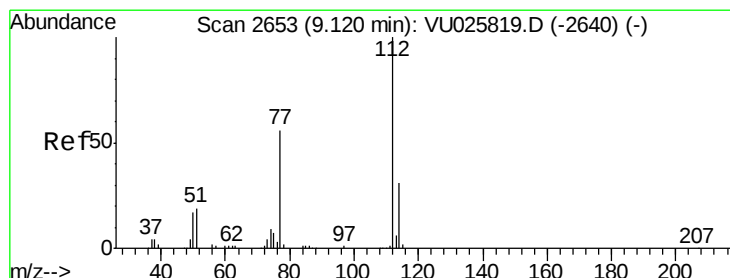
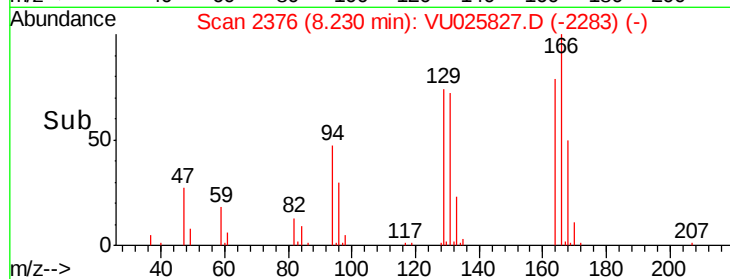
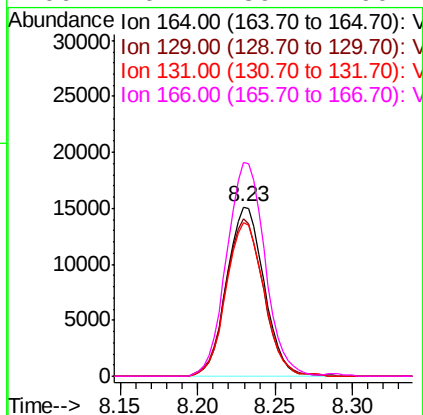
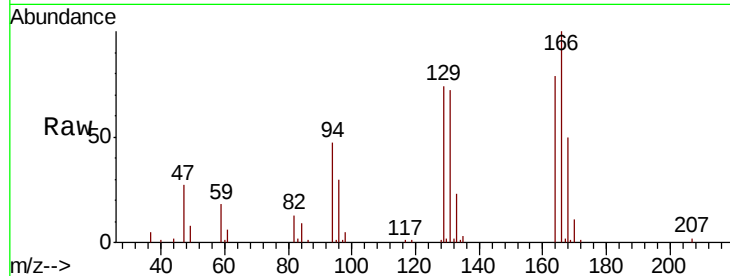




#46
Tetrachloroethene
Concen: 13.16 ug/L
RT: 8.23 min Scan# 2376
Delta R.T. -0.00 min
Lab File: VU025827.D
Acq: 03 Aug 2018 18:47

Instrument :
MSVOA_U
ClientSampleId :
E5F68MS

Tot 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



#51
Chlorobenzene
Concen: 36.42 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	Ratio	Lower	Upper
112	100		
114	32.3	22.5	41.9
77	55.6	45.8	68.8

