

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU043019\
 Data File : VU031648.D
 Acq On : 30 Apr 2019 20:46
 Operator : JC/SP
 Sample : K2593-15 200X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0XB5

Quant Time: May 01 04:26:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 01 01:38:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	729235	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	685102	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	243897	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	313531	51.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	102.74%
7) Chloroethane-d5	1.68	69	228449	48.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.88%
11) 1,1-Dichloroethene-d2	2.26	63	469534	38.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.26%
21) 2-Butanone-d5	4.19	46	535290	96.80	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.80%
24) Chloroform-d	4.64	84	536847	48.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.06%
26) 1,2-Dichloroethane-d4	5.31	65	375513	51.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.84%
32) Benzene-d6	5.33	84	1039675	49.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.84%
36) 1,2-Dichloropropane-d6	6.32	67	375813	50.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.56%
41) Toluene-d8	7.56	98	845901	46.16	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.32%
43) trans-1,3-Dichloropropene-	7.85	79	140927	44.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.72%
47) 2-Hexanone-d5	8.31	63	305620	95.40	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.40%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	459483	46.26	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.52%
64) 1,2-Dichlorobenzene-d4	11.86	152	239479	46.69	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.38%

Target Compounds

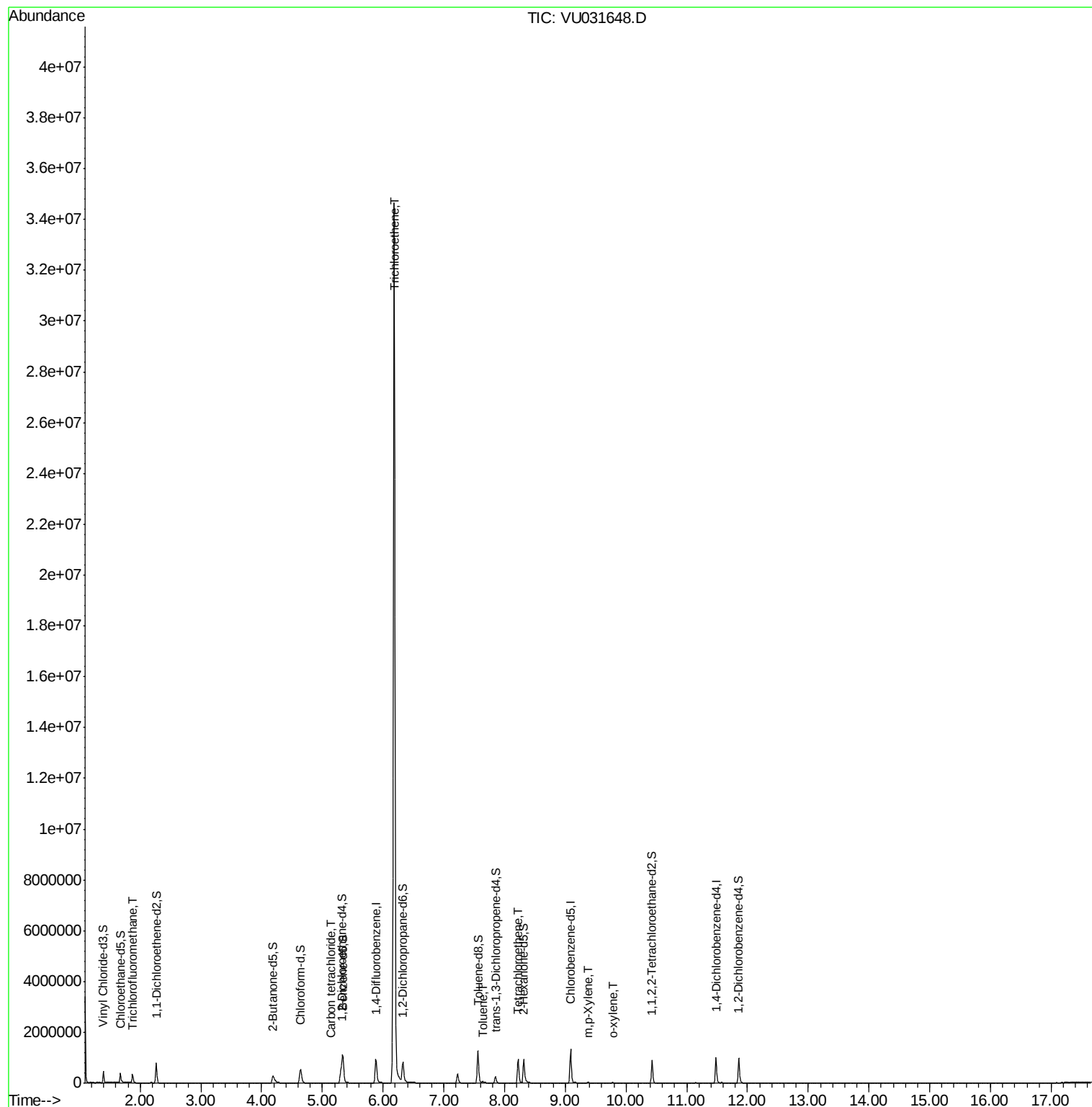
					Ovalue
9) Trichlorofluoromethane	1.87	101	202700	19.603 ug/L	99
31) Carbon tetrachloride	5.13	117	6049	0.737 ug/L	98
34) Trichloroethene	6.18	95	12498499	2047.001 ug/L	94
42) Toluene	7.64	91	40162	1.601 ug/L	95
46) Tetrachloroethene	8.22	164	197804	47.520 ug/L	96
53) m,p-Xylene	9.38	106	8494	0.937 ug/L	97
54) o-xylene	9.78	106	5329	0.593 ug/L	69

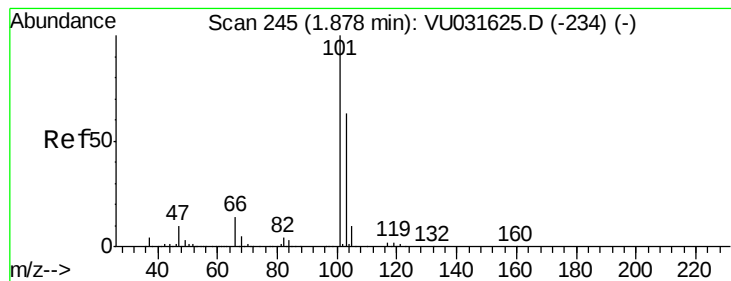
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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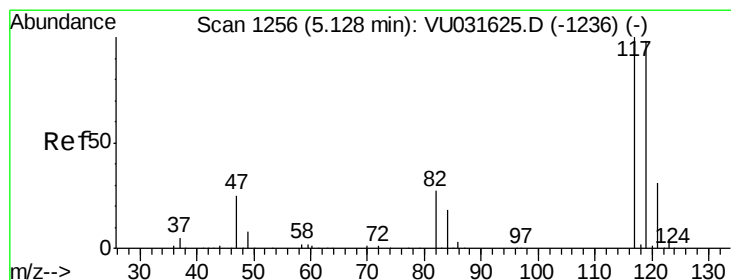
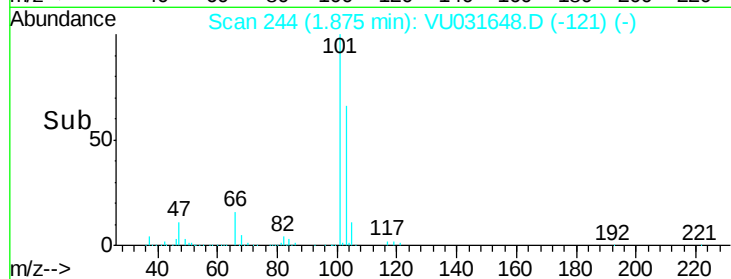
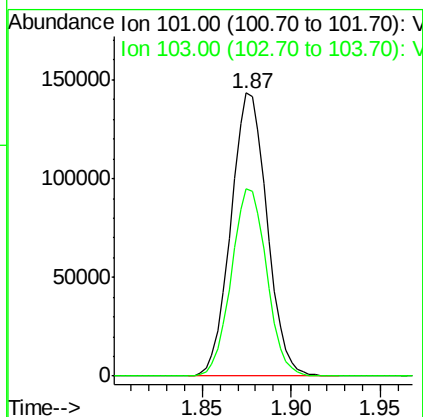
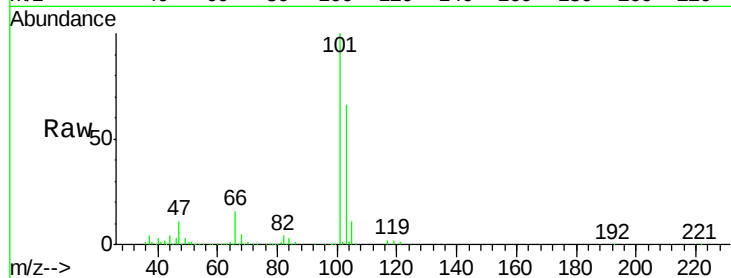


#9

Trichlorofluoromethane
Concen: 19.603 ug/L
RT: 1.87 min Scan# 244
Delta R.T. -0.00 min
Lab File: VU031648.D
Acq: 30 Apr 2019 20:46

Instrument :
MSVOA_U
ClientSampleId :
C0XB5

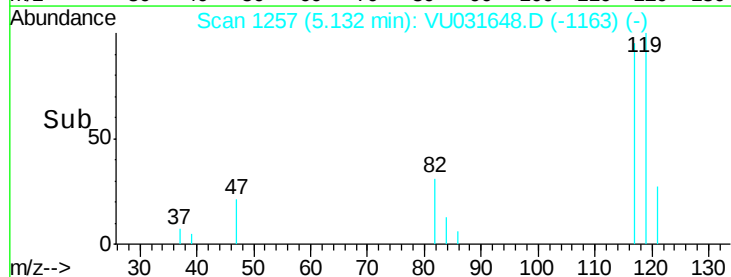
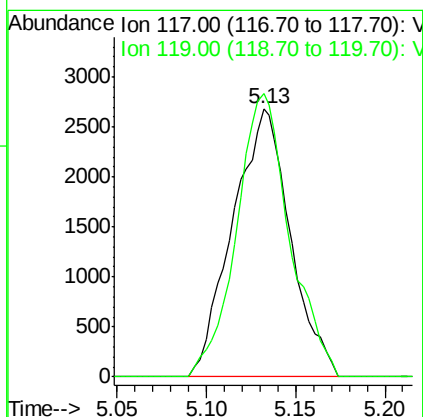
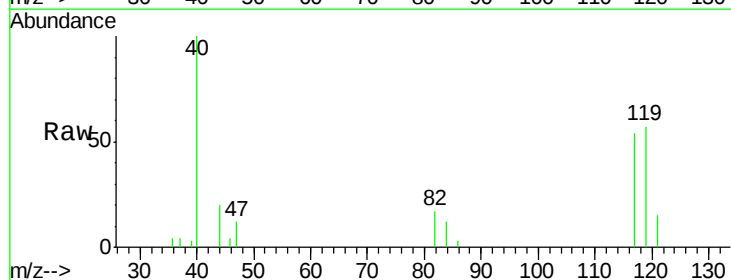
Tot Ion:101 Resp: 202700
Ion Ratio Lower Upper
101 100
103 64.4 50.8 76.2

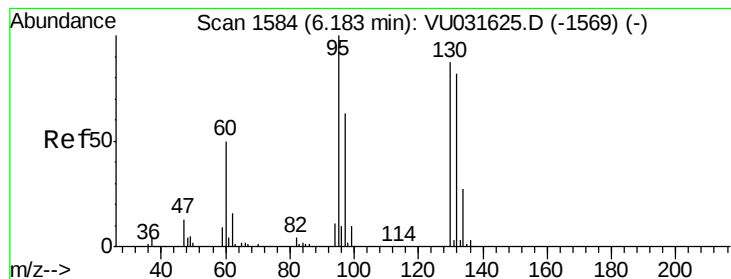


#31

Carbon tetrachloride
Concen: 0.737 ug/L
RT: 5.13 min Scan# 1257
Delta R.T. 0.00 min
Lab File: VU031648.D
Acq: 30 Apr 2019 20:46

Tgt Ion:117 Resp: 6049
Ion Ratio Lower Upper
117 100
119 97.5 76.6 114.8





#34

Trichloroethene

Concen: 2047.001 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. 0.00 min

Lab File: VU031648.D

Acq: 30 Apr 2019 20:46

Instrument :

MSVOA_U

ClientSampleId :

C0XB5

Tot Ion: 95 Resp:12498499

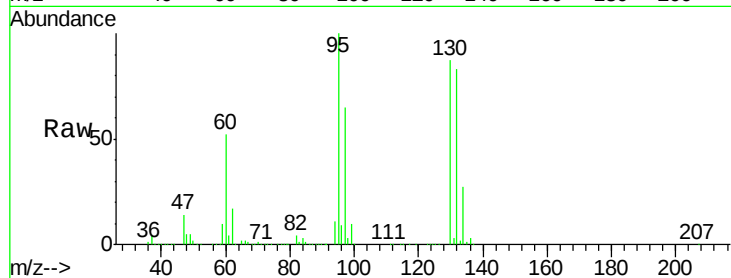
Ion Ratio Lower Upper

95 100

97 64.9 44.8 83.2

132 82.8 63.1 117.1

130 86.8 66.5 123.5

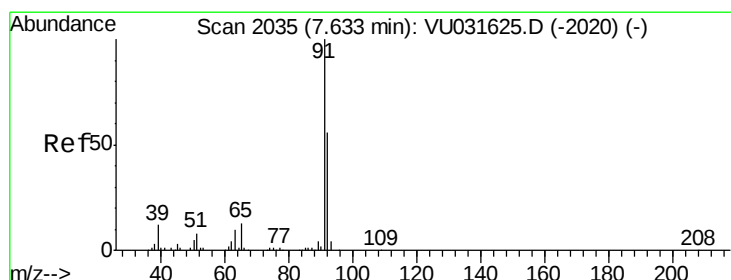
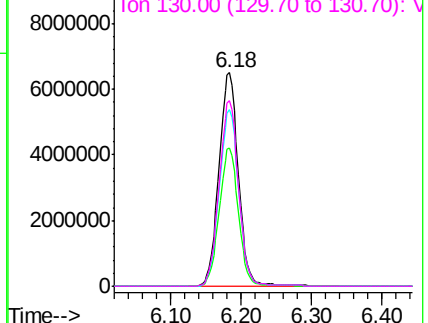
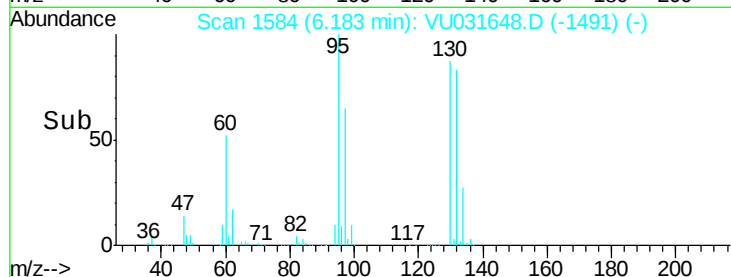


Abundance Ion 95.00 (94.70 to 95.70): VU031648.D (-1491) (-)

Ion 97.00 (96.70 to 97.70): VU031648.D (-1491) (-)

Ion 132.00 (131.70 to 132.70): VU031648.D (-1491) (-)

Ion 130.00 (129.70 to 130.70): VU031648.D (-1491) (-)



#42

Toluene

Concen: 1.601 ug/L

RT: 7.64 min Scan# 2037

Delta R.T. 0.01 min

Lab File: VU031648.D

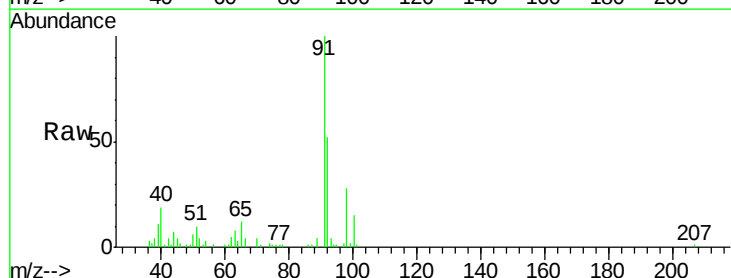
Acq: 30 Apr 2019 20:46

Tgt Ion: 91 Resp: 40162

Ion Ratio Lower Upper

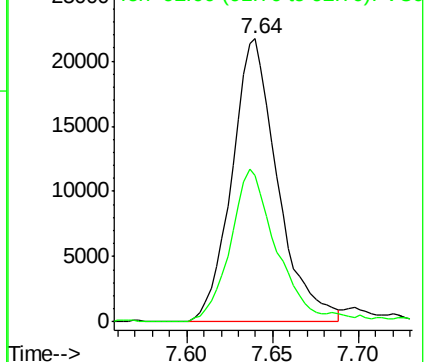
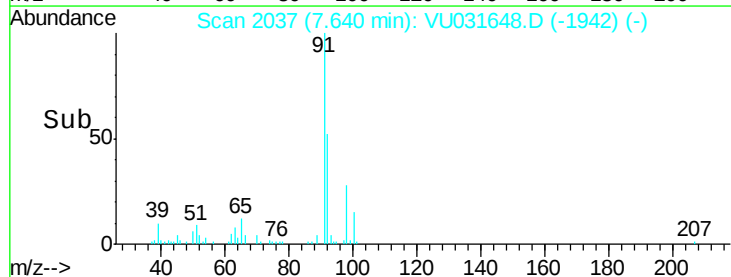
91 100

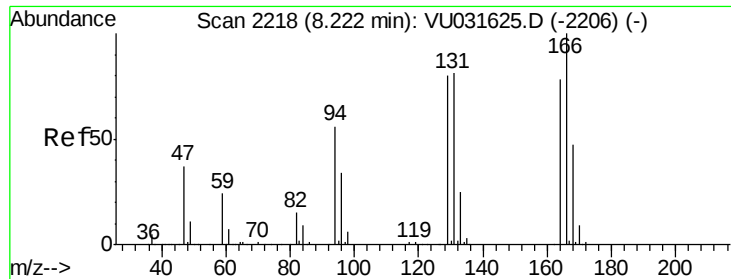
92 51.8 39.0 72.4



Abundance Ion 91.00 (90.70 to 91.70): VU031648.D (-1942) (-)

Ion 92.00 (91.70 to 92.70): VU031648.D (-1942) (-)

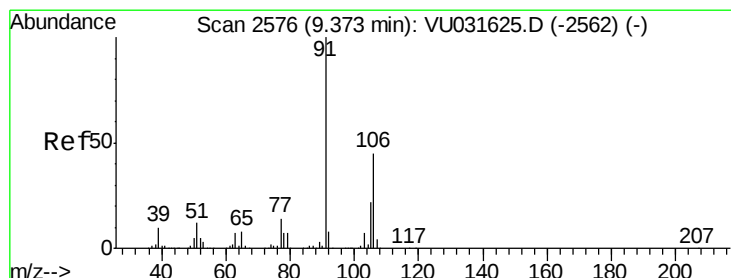
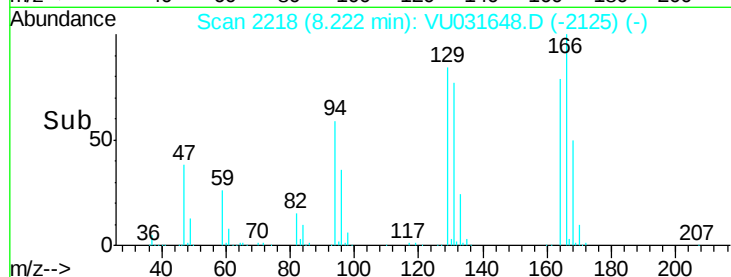
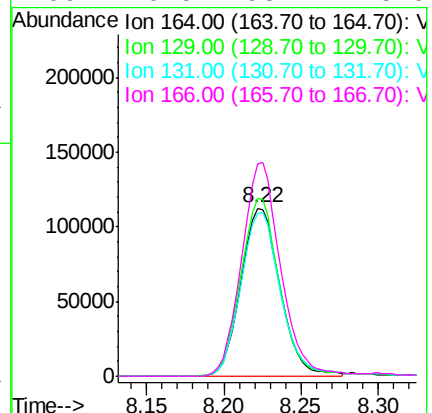
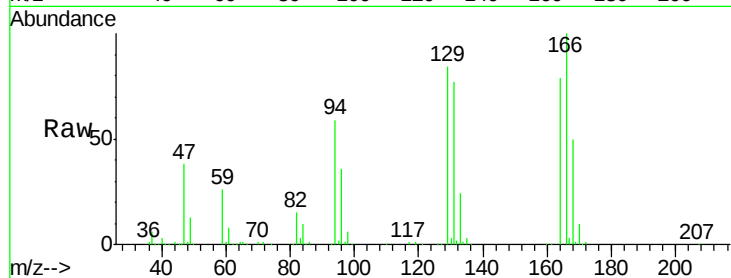




#46
Tetrachloroethene
Concen: 47.520 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. 0.00 min
Lab File: VU031648.D
Acq: 30 Apr 2019 20:46

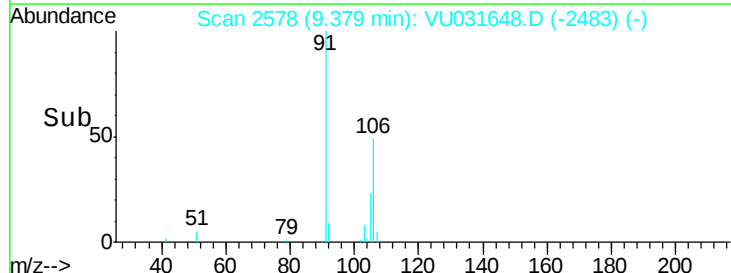
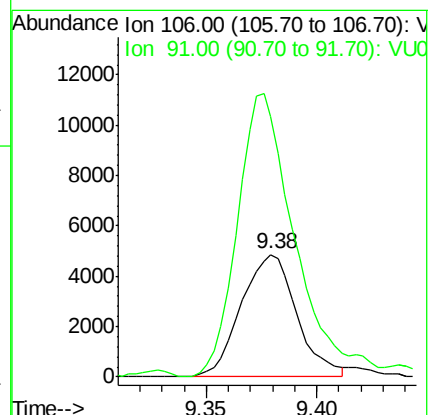
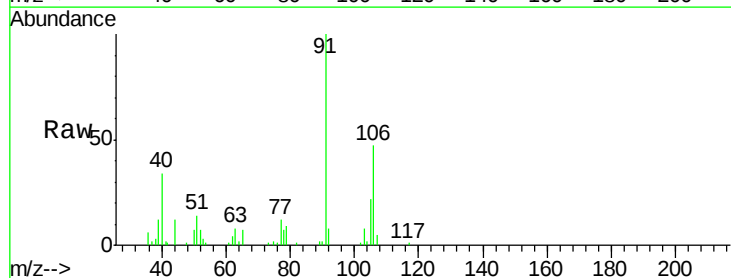
Instrument :
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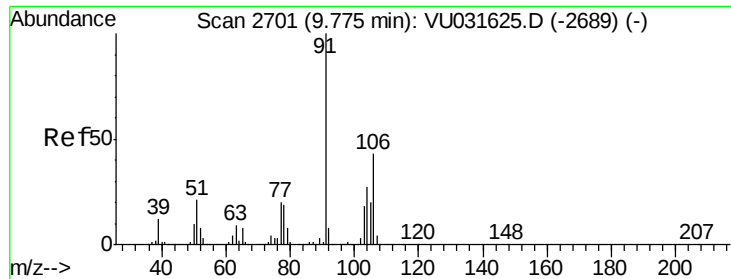
Tot Ion:164 Resp: 197804
Ion Ratio Lower Upper
164 100
129 106.1 71.5 132.9
131 97.3 69.0 128.2
166 126.5 93.7 173.9



#53
m,p-Xylene
Concen: 0.937 ug/L
RT: 9.38 min Scan# 2578
Delta R.T. 0.01 min
Lab File: VU031648.D
Acq: 30 Apr 2019 20:46

Tgt Ion:106 Resp: 8494
Ion Ratio Lower Upper
106 100
91 212.6 152.2 282.6





#54
 o-xylene
 Concen: 0.593 ug/L
 RT: 9.78 min Scan# 2703
 Delta R.T. 0.01 min
 Lab File: VU031648.D
 Acq: 30 Apr 2019 20:46

Instrument :
 MSVOA_U
 ClientSampleId :
 C0XB5

Tot Ion:106 Resp: 5329
 Ion Ratio Lower Upper
 106 100
 91 180.7 163.2 303.2

