

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121019\
 Data File : VU036116.D
 Acq On : 11 Dec 2019 05:24
 Operator : JC/MD
 Sample : K6214-03
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BD805

Quant Time: Dec 11 07:59:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Dec 11 07:30:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	266784	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	299883	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	72523	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	116595	4.90	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.00%
7) Chloroethane-d5	1.93	69	114550	4.59	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.80%
11) 1,1-Dichloroethene-d2	2.59	63	128187	2.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.00%#
20) 2-Butanone-d5	4.69	46	236389	58.34	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.68%
24) Chloroform-d	5.11	84	192307	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.60%
26) 1,2-Dichloroethane-d4	5.75	65	103540	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.60%
32) Benzene-d6	5.77	84	370154	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
36) 1,2-Dichloropropane-d6	6.73	67	117744	5.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.80%
41) Toluene-d8	7.93	98	291804	4.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.20%
43) trans-1,3-Dichloropropene-	8.21	79	41752	4.38	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.60%
46) 2-Hexanone-d5	8.70	63	185765	53.81	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.62%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	108953	5.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.40%
64) 1,2-Dichlorobenzene-d4	12.22	152	74474	5.34	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.80%

Target Compounds

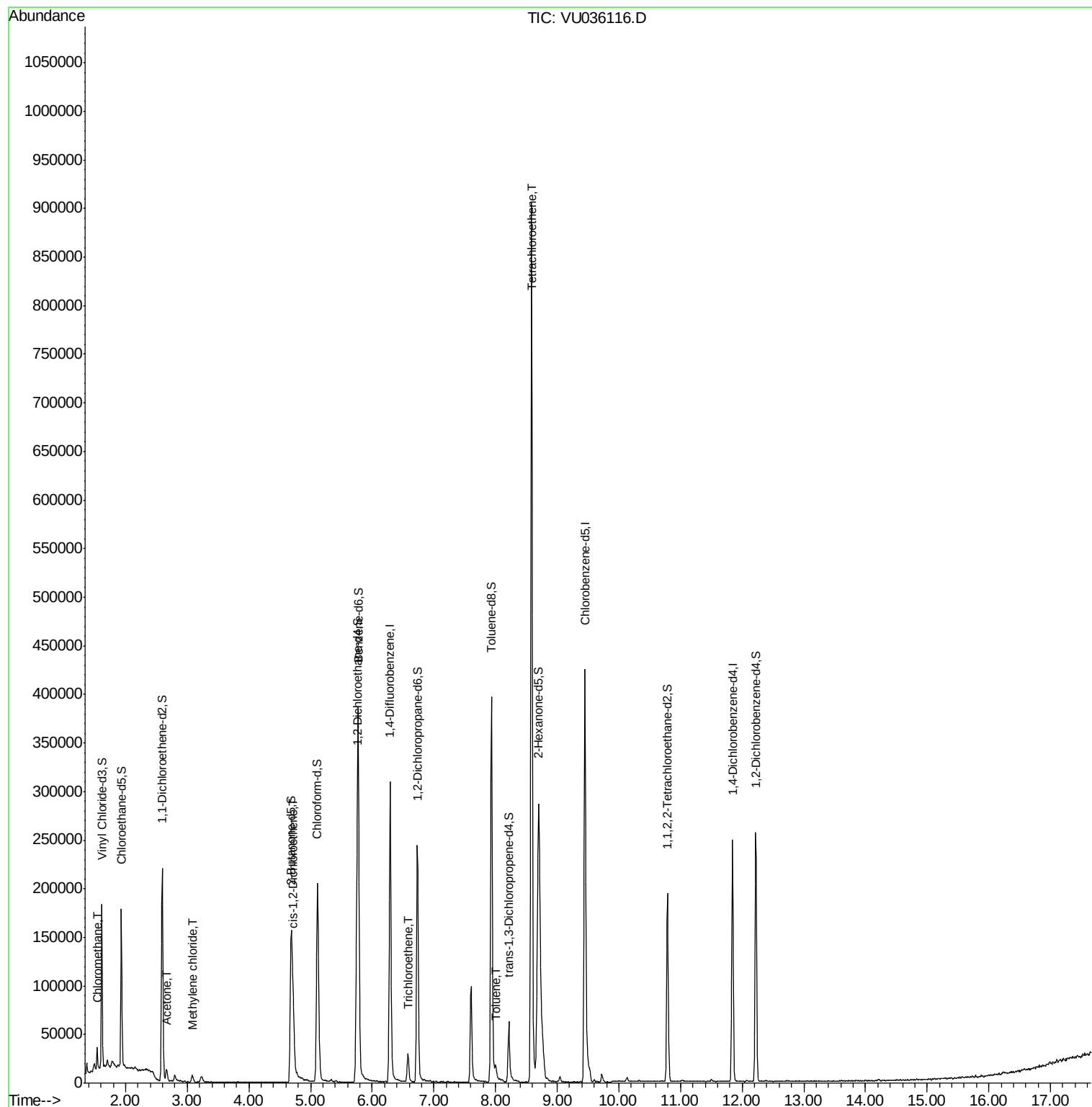
					Ovalue
3) Chloromethane	1.54	50	16672	0.651 ug/L	92
13) Acetone	2.66	43	12727	2.474 ug/L	99
16) Methylene chloride	3.08	84	3642	0.135 ug/L	93
22) cis-1,2-Dichloroethene	4.72	96	33077	1.591 ug/L	97
34) Trichloroethene	6.58	95	10133	0.466 ug/L	91
42) Toluene	8.00	91	7848	0.089 ug/L	98
47) Tetrachloroethene	8.58	164	225164	10.883 ug/L	98

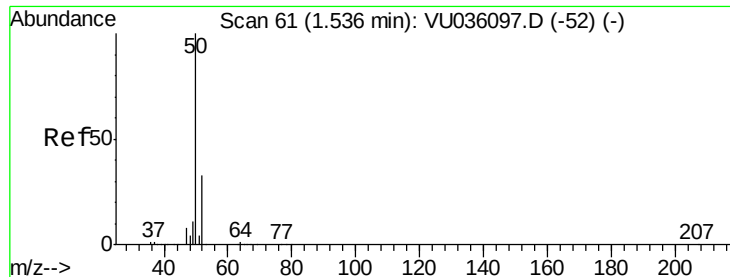
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU121019\
Data File : VU036116.D
Acq On : 11 Dec 2019 05:24
Operator : JC/MD
Sample : K6214-03
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BD805

Quant Time: Dec 11 07:59:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Dec 11 07:30:58 2019
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.651 ug/L

RT: 1.54 min Scan# 62

Delta R.T. 0.00 min

Lab File: VU036116.D

Acq: 11 Dec 2019 05:24

Instrument :

MSVOA_U

ClientSampleId :

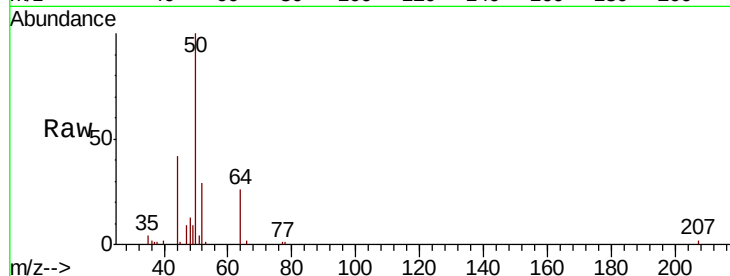
BD805

Tot Ion: 50 Resp: 16672

Ion Ratio Lower Upper

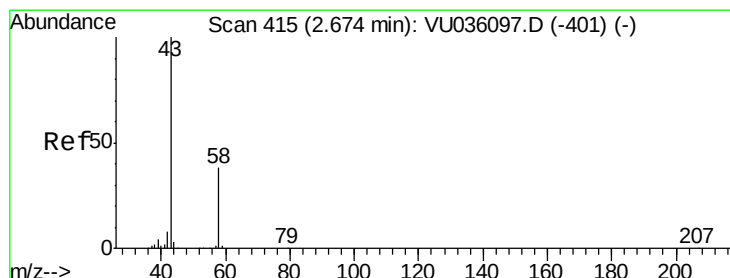
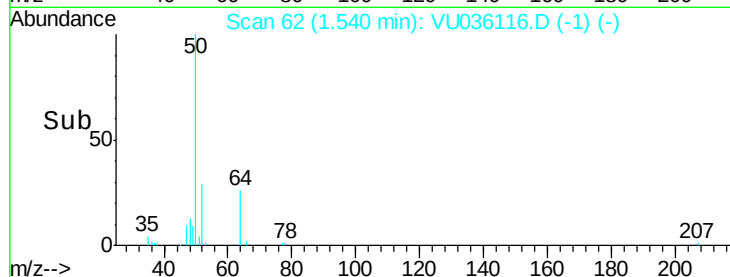
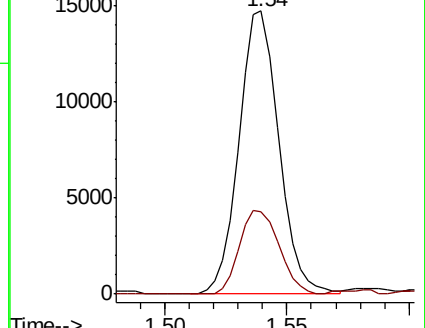
50 100

52 29.2 23.6 43.8



Abundance Ion 50.05 (49.75 to 50.75): VU036116.D (-1) (-)

Ion 52.05 (51.75 to 52.75): VU036116.D (-1) (-)



#13

Acetone

Concen: 2.474 ug/L

RT: 2.66 min Scan# 412

Delta R.T. -0.01 min

Lab File: VU036116.D

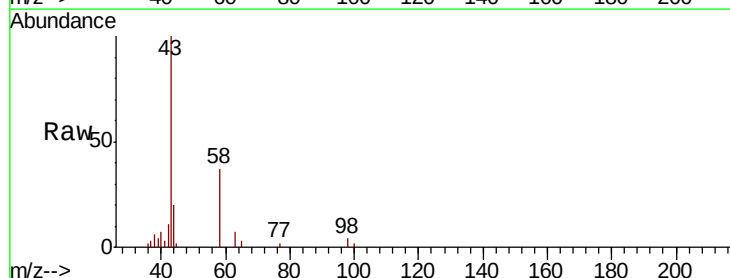
Acq: 11 Dec 2019 05:24

Tgt Ion: 43 Resp: 12727

Ion Ratio Lower Upper

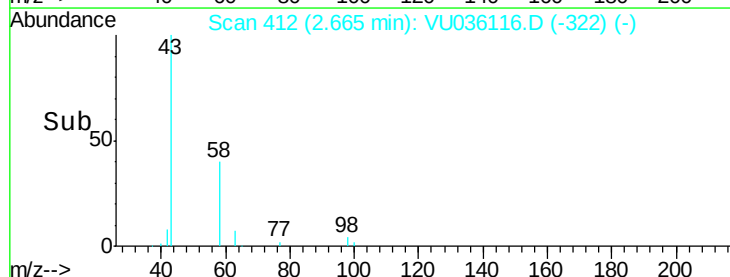
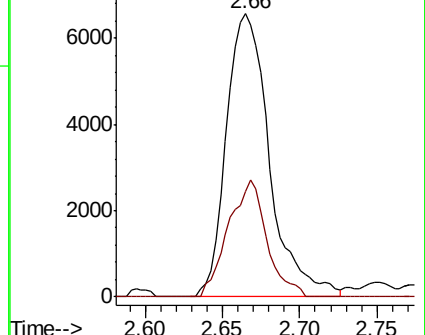
43 100

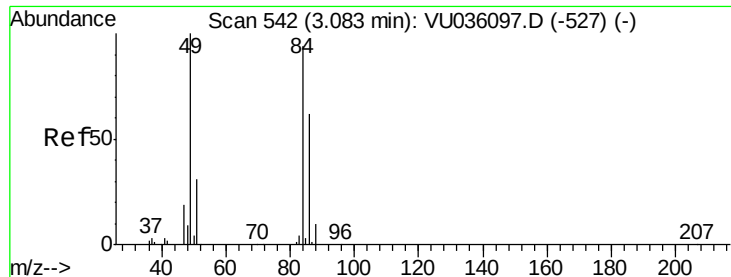
58 36.7 0.0 74.2



Abundance Ion 43.05 (42.75 to 43.75): VU036116.D (-322) (-)

Ion 58.05 (57.75 to 58.75): VU036116.D (-322) (-)

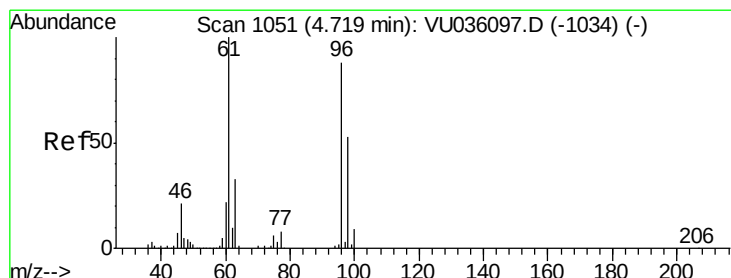
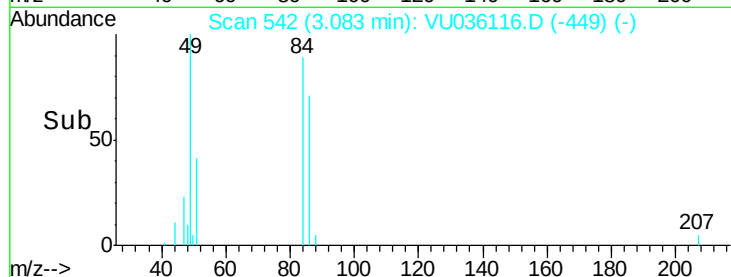
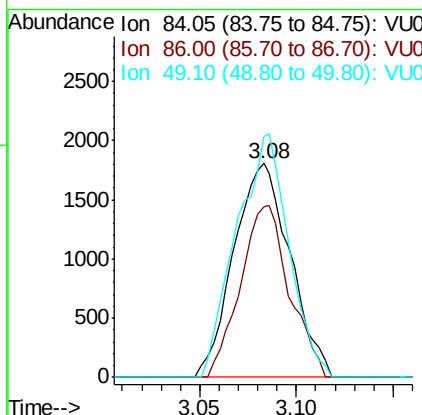
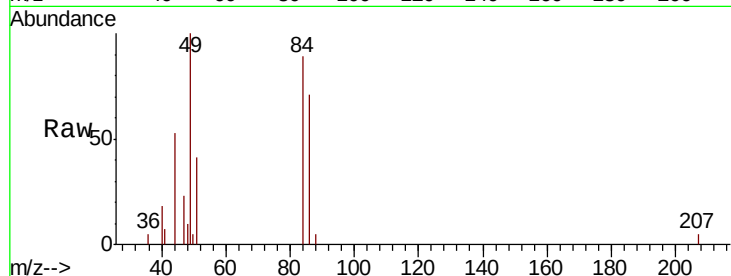




#16
Methylene chloride
Concen: 0.135 ug/L
RT: 3.08 min Scan# 542
Delta R.T. 0.00 min
Lab File: VU036116.D
Acq: 11 Dec 2019 05:24

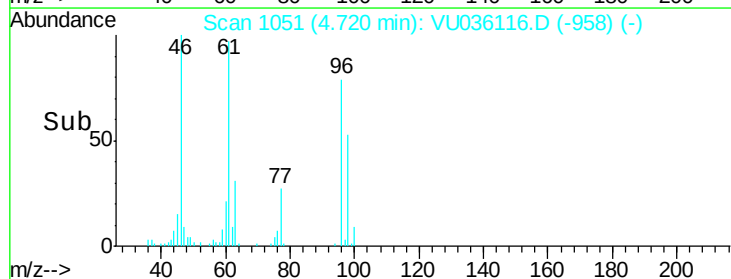
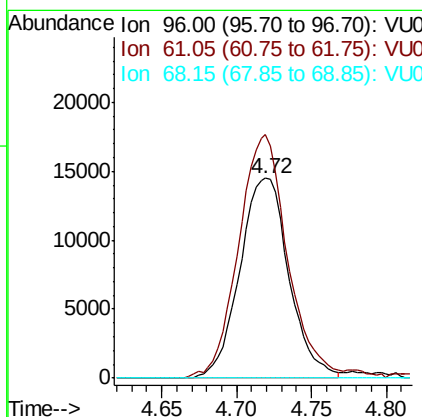
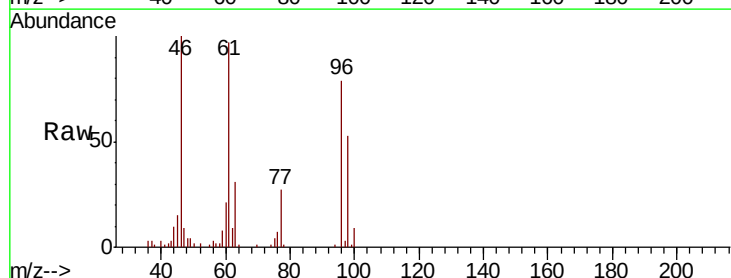
Instrument :
MSVOA_U
ClientSampled :
BD805

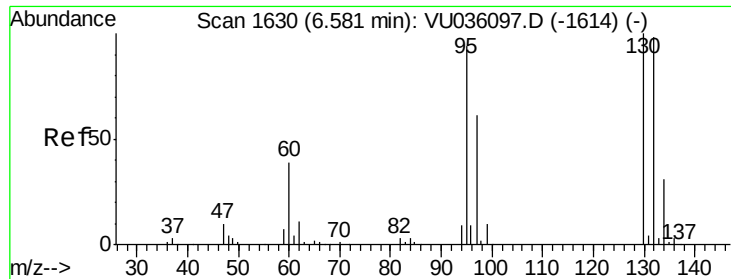
Tot Ion: 84 Resp: 3642
Ion Ratio Lower Upper
84 100
86 79.7 47.5 88.3
49 112.7 76.9 142.9



#22
cis-1,2-Dichloroethene
Concen: 1.591 ug/L
RT: 4.72 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VU036116.D
Acq: 11 Dec 2019 05:24

Tgt Ion: 96 Resp: 33077
Ion Ratio Lower Upper
96 100
61 121.8 83.0 154.2
68 0.0 0.0 0.0

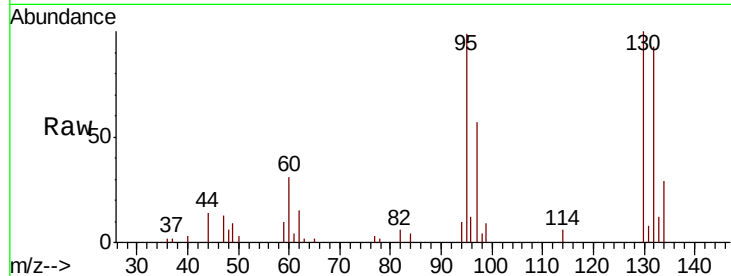




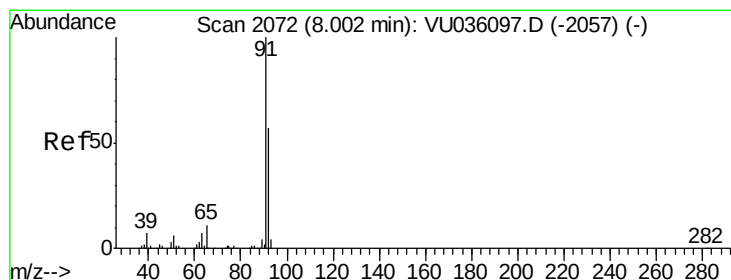
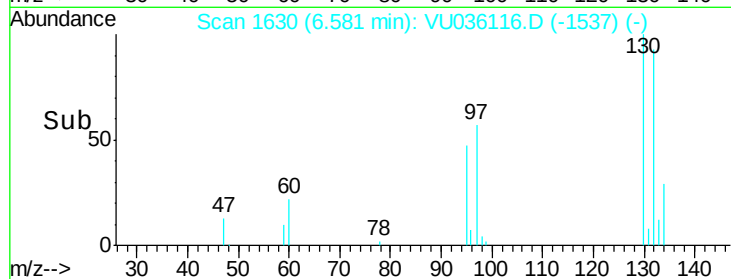
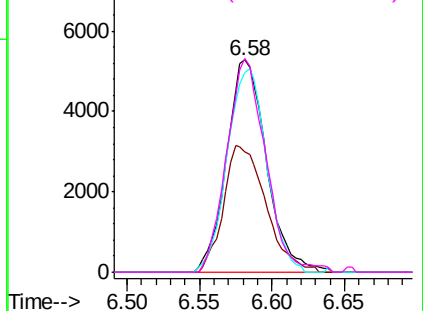
#34
 Trichloroethene
 Concen: 0.466 ug/L
 RT: 6.58 min Scan# 1630
 Delta R.T. 0.00 min
 Lab File: VU036116.D
 Acq: 11 Dec 2019 05:24

Instrument :
 MSVOA_U
 ClientSampleId :
 BD805

Tot Ion: 95 Resp: 10133
 Ion Ratio Lower Upper
 95 100
 97 57.0 44.4 82.4
 132 94.1 73.4 136.4
 130 100.7 75.9 141.1

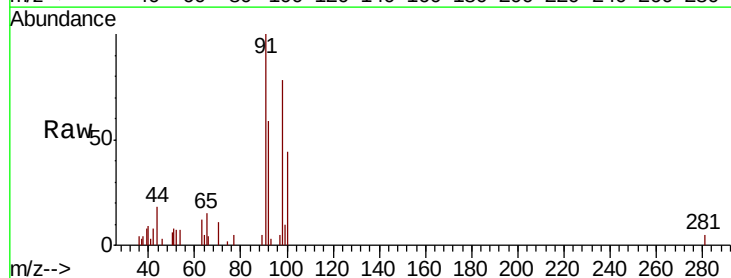


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 96.95 (96.65 to 97.65): VU0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V

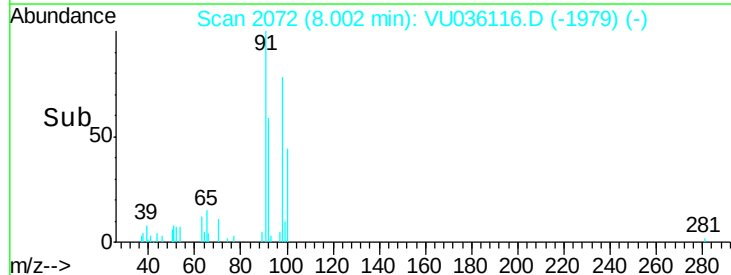
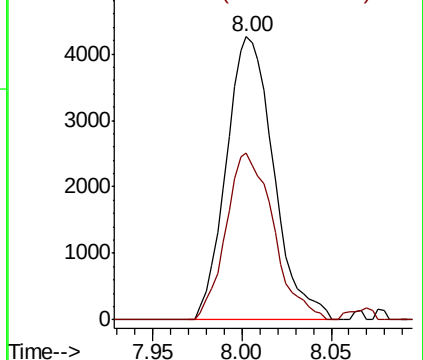


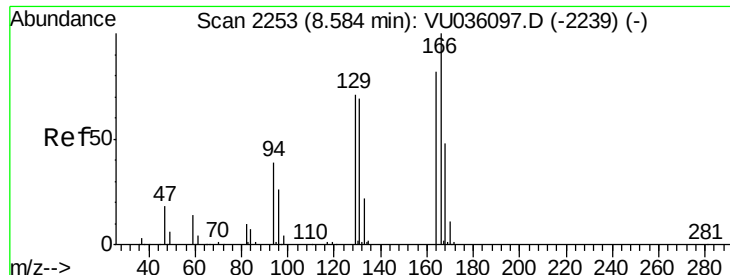
#42
 Toluene
 Concen: 0.089 ug/L
 RT: 8.00 min Scan# 2072
 Delta R.T. 0.00 min
 Lab File: VU036116.D
 Acq: 11 Dec 2019 05:24

Tgt Ion: 91 Resp: 7848
 Ion Ratio Lower Upper
 91 100
 92 58.8 40.0 74.4



Abundance Ion 91.15 (90.85 to 91.85): VU0
 Ion 92.15 (91.85 to 92.85): VU0





#47

Tetrachloroethene

Concen: 10.883 ug/L

RT: 8.58 min Scan# 2253

Delta R.T. 0.00 min

Lab File: VU036116.D

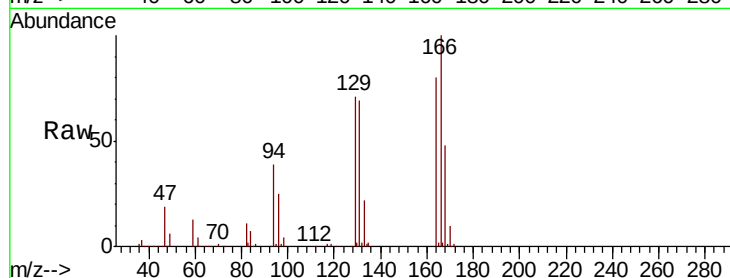
Acq: 11 Dec 2019 05:24

Instrument :

MSVOA_U

ClientSampleId :

BD805



Tot Ion:164 Resp: 225164

Ion Ratio Lower Upper

164 100

129 89.0 63.1 117.3

131 86.6 61.5 114.1

166 125.3 91.0 169.0

Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

