

Data File : VU034800.D
Acq On : 25 Sep 2019 14:06
Operator : JC/SP
Sample : K4948-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BEDP6

Quant Time: Sep 26 04:44:23 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Sep 26 04:40:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	475560	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	454382	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	197025	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	218011	44.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.56%
7) Chloroethane-d5	1.67	69	191108	50.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.58%
11) 1,1-Dichloroethene-d2	2.26	63	294056	35.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.34%
21) 2-Butanone-d5	4.15	46	398098	106.69	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.69%
24) Chloroform-d	4.62	84	359684	50.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.64%
26) 1,2-Dichloroethane-d4	5.29	65	247305	47.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.06%
32) Benzene-d6	5.32	84	768945	54.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.20%
36) 1,2-Dichloropropane-d6	6.31	67	266661	54.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	108.34%
41) Toluene-d8	7.54	98	719507	53.70	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.40%
43) trans-1,3-Dichloropropene-	7.83	79	114811	48.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.40%
47) 2-Hexanone-d5	8.29	63	260516	105.37	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.37%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	348206	50.98	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.96%
64) 1,2-Dichlorobenzene-d4	11.84	152	238237	57.66	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	115.32%

Target Compounds

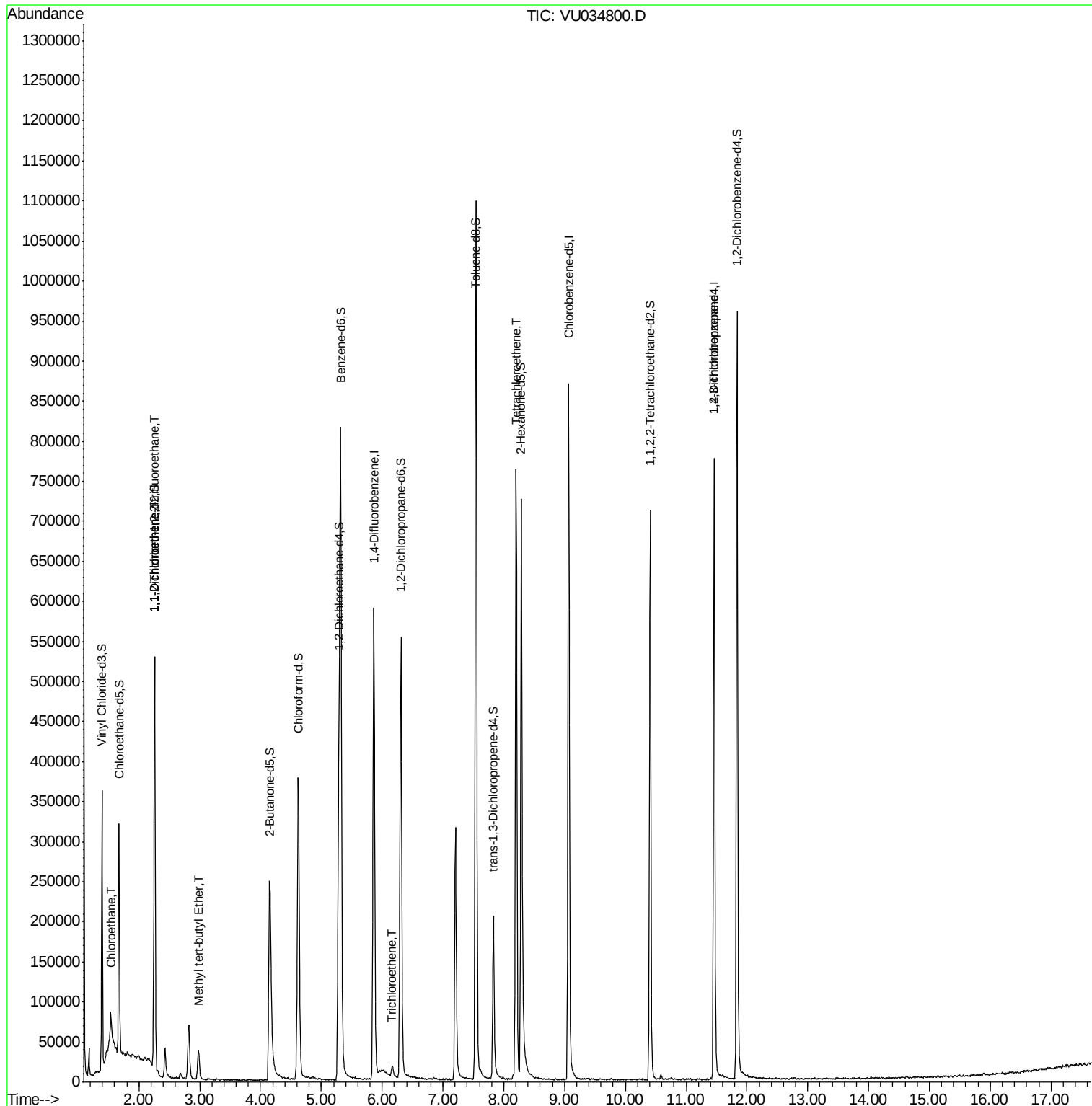
					Qvalue
8) Chloroethane	1.54	64	94014	30.454 ug/L #	49
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	2698	0.832 ug/L #	25
12) 1,1-Dichloroethene	2.26	96	2528	0.812 ug/L #	1
18) Methyl tert-butyl Ether	2.98	73	37005	2.932 ug/L	97
34) Trichloroethene	6.17	95	3708	0.953 ug/L	82
46) Tetrachloroethene	8.21	164	160778	58.728 ug/L	96
59) 1,2,3-Trichloropropane	11.46	75	28340	4.836 ug/L	90

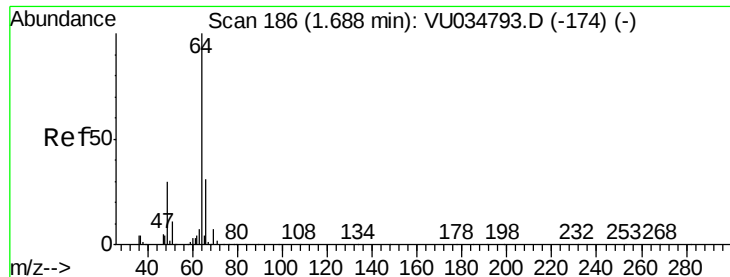
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 30.454 ug/L

RT: 1.54 min Scan# 141

Delta R.T. -0.14 min

Lab File: VU034800.D

Acq: 25 Sep 2019 14:06

Instrument :

MSVOA_U

ClientSampleId :

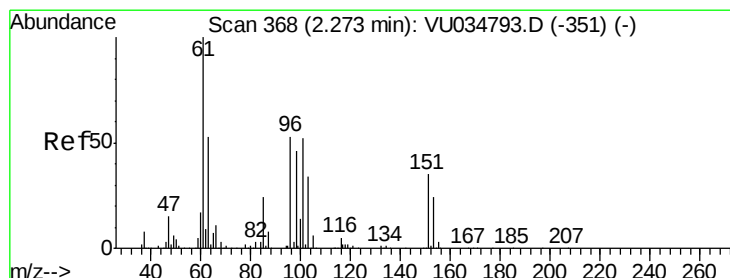
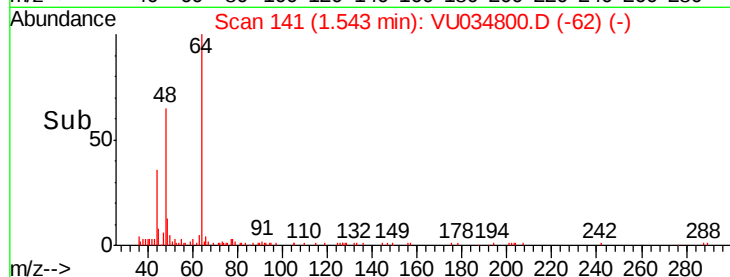
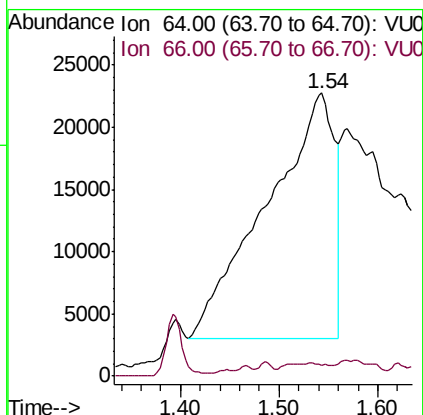
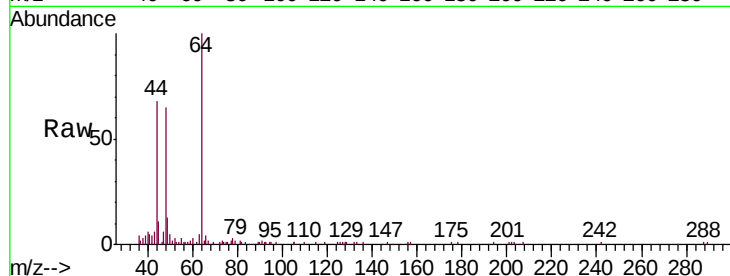
BEDP6

Tgt Ion: 64 Resp: 94014

Ion Ratio Lower Upper

64 100

66 4.0 23.1 42.9#



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.832 ug/L

RT: 2.26 min Scan# 363

Delta R.T. -0.02 min

Lab File: VU034800.D

Acq: 25 Sep 2019 14:06

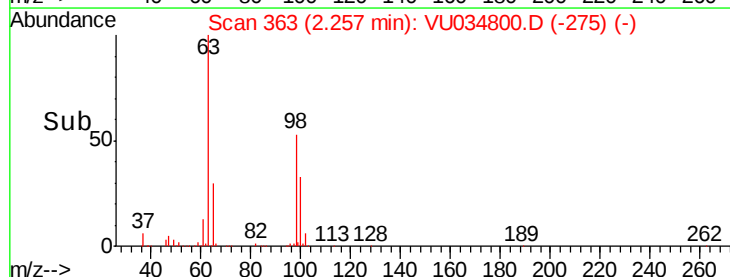
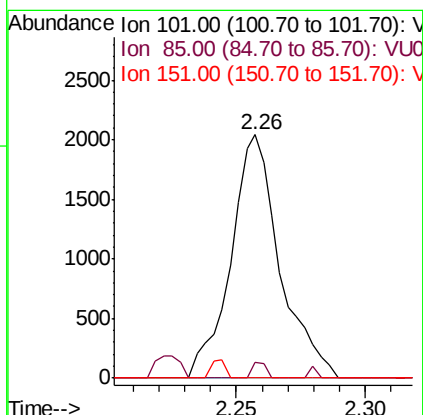
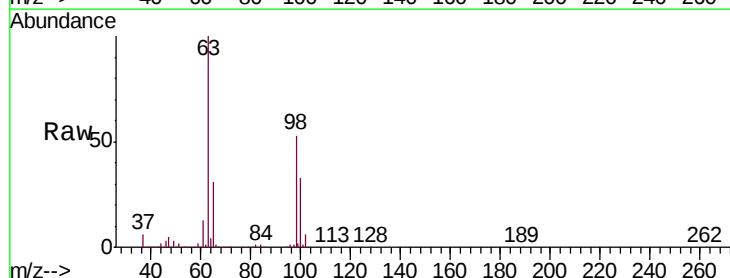
Tgt Ion: 101 Resp: 2698

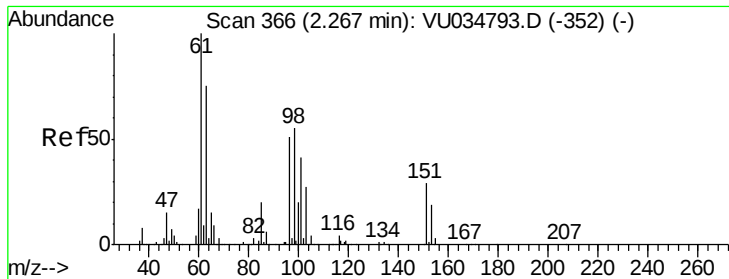
Ion Ratio Lower Upper

101 100

85 1.8 39.0 58.4#

151 2.1 52.8 79.2#





#12

1,1-Dichloroethene

Concen: 0.812 ug/L

RT: 2.26 min Scan# 363

Delta R.T. -0.01 min

Lab File: VU034800.D

Acq: 25 Sep 2019 14:06

Instrument :

MSVOA_U

ClientSampleId :

BEDP6

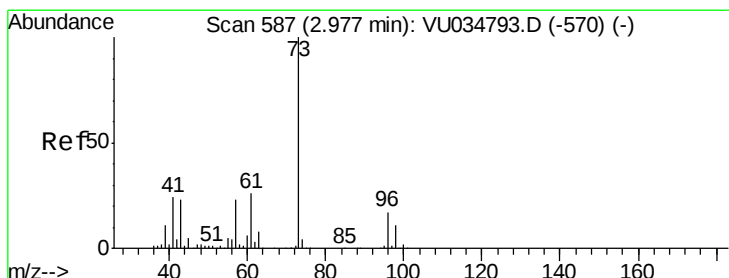
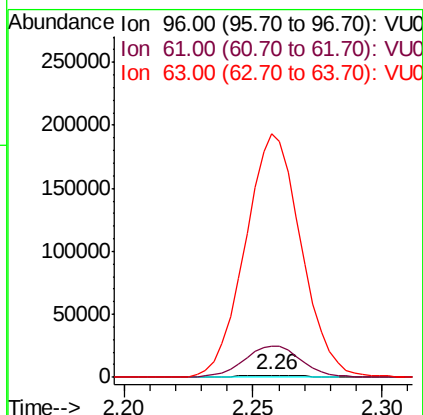
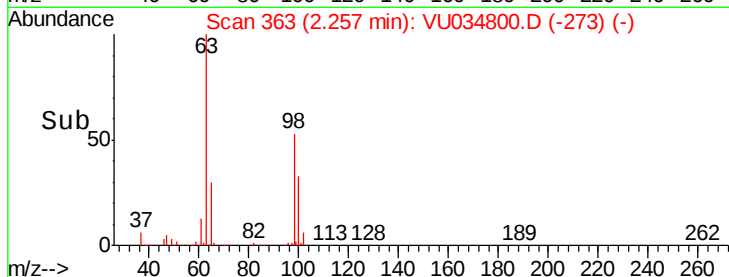
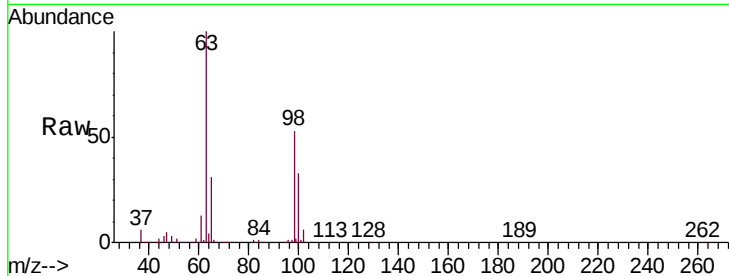
Tgt Ion: 96 Resp: 2528

Ion Ratio Lower Upper

96 100

61 1572.5 153.2 284.4#

63 12060.9 113.8 211.3#



#18

Methyl tert-butyl Ether

Concen: 2.932 ug/L

RT: 2.98 min Scan# 588

Delta R.T. 0.00 min

Lab File: VU034800.D

Acq: 25 Sep 2019 14:06

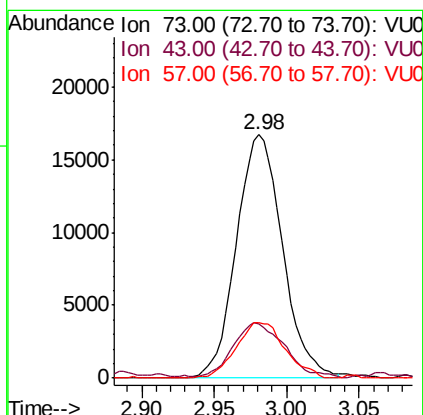
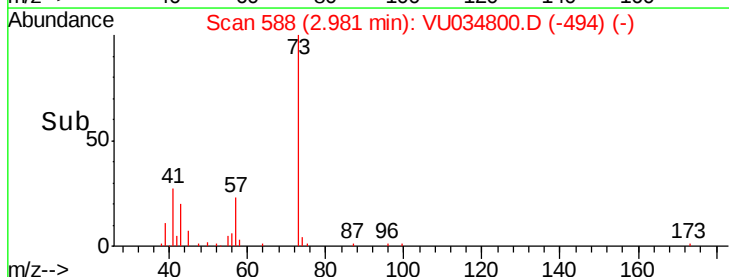
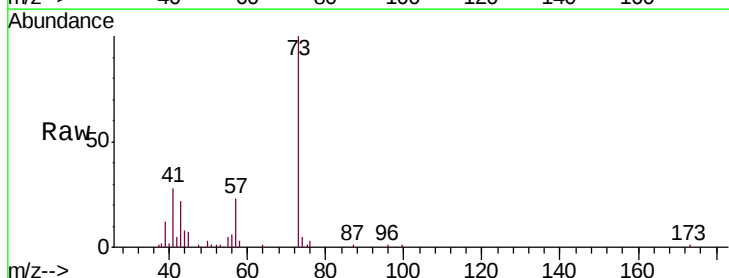
Tgt Ion: 73 Resp: 37005

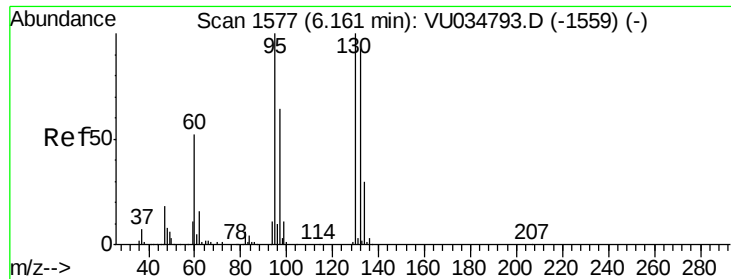
Ion Ratio Lower Upper

73 100

43 23.4 20.9 31.3

57 24.4 19.5 29.3

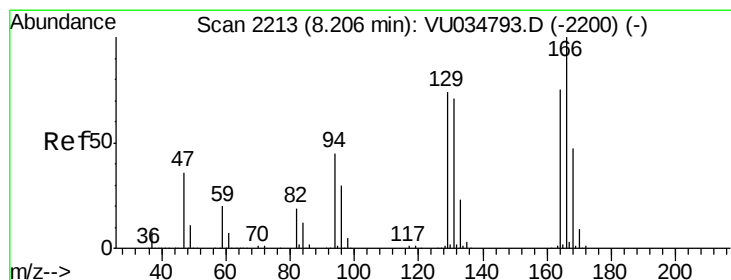
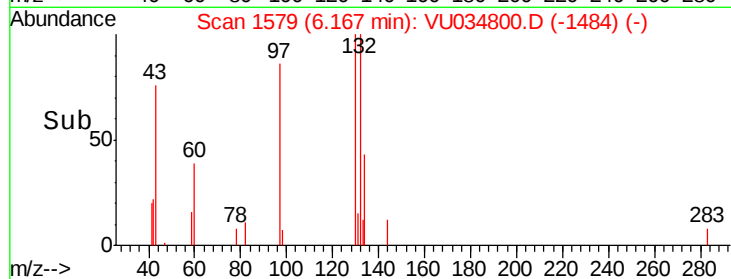
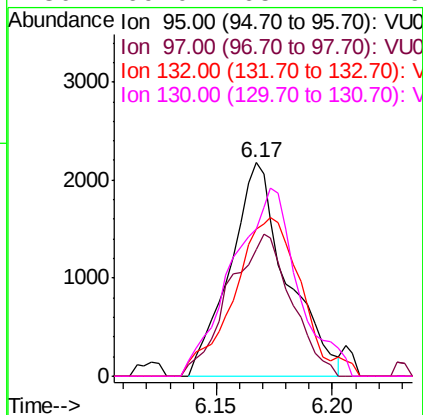
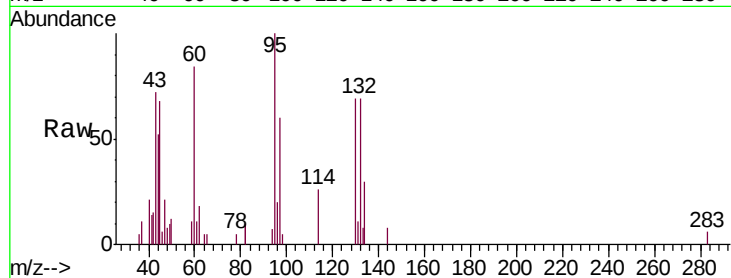




#34
 Trichloroethene
 Concen: 0.953 ug/L
 RT: 6.17 min Scan# 1579
 Delta R.T. 0.01 min
 Lab File: VU034800.D
 Acq: 25 Sep 2019 14:06

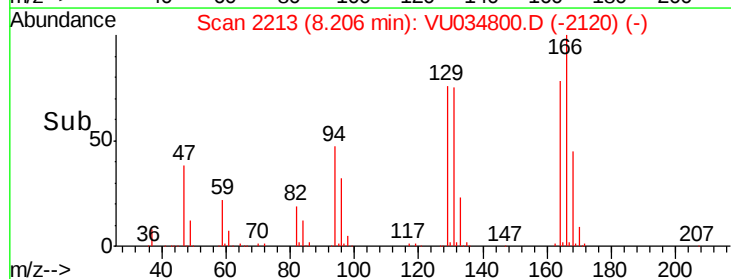
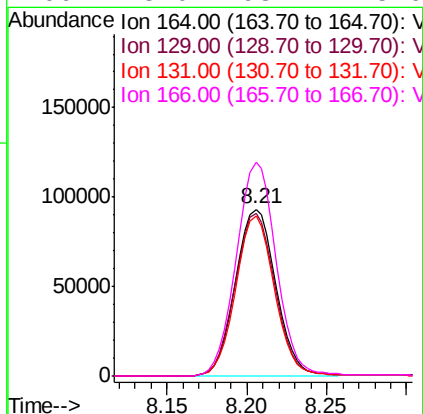
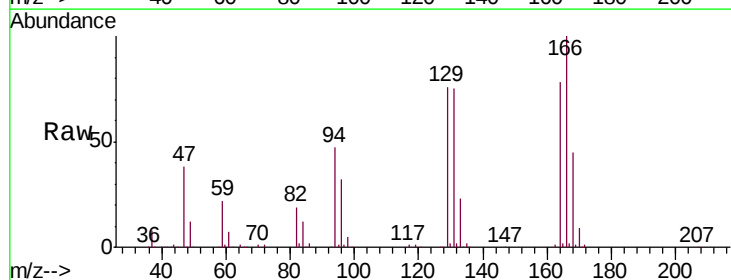
Instrument :
 MSVOA_U
 ClientSampled :
 BEDP6

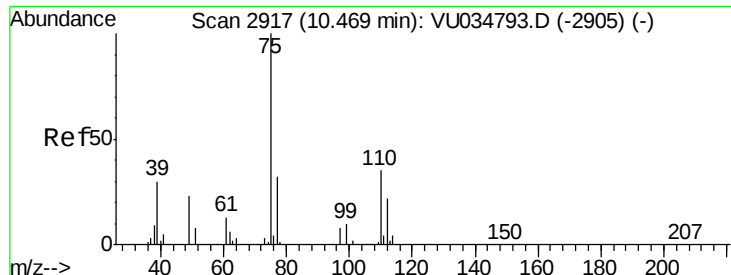
Tgt Ion: 95 Resp: 3708
 Ion Ratio Lower Upper
 95 100
 97 59.6 43.7 81.1
 132 69.0 61.0 113.2
 130 69.0 65.7 121.9



#46
 Tetrachloroethene
 Concen: 58.728 ug/L
 RT: 8.21 min Scan# 2213
 Delta R.T. 0.00 min
 Lab File: VU034800.D
 Acq: 25 Sep 2019 14:06

Tgt Ion: 164 Resp: 160778
 Ion Ratio Lower Upper
 164 100
 129 97.7 71.9 133.5
 131 95.6 66.3 123.1
 166 128.0 93.4 173.6





#59

1,2,3-Trichloropropane

Concen: 4.836 ug/L

RT: 11.46 min Scan# 3225

Delta R.T. 0.99 min

Lab File: VU034800.D

Acq: 25 Sep 2019 14:06

Instrument :

MSVOA_U

ClientSampleId :

BEDP6

Tgt Ion: 75 Resp: 28340

Ion Ratio Lower Upper

75 100

77 36.4 24.6 37.0

