

Data File : VU034787.D
Acq On : 24 Sep 2019 21:30
Operator : JC/SP
Sample : K4948-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BEDN5

Quant Time: Sep 25 03:06:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Sep 25 02:59:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	580347	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	541078	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	237475	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	204841	34.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	68.96%
7) Chloroethane-d5	1.67	69	183598	39.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.96%
11) 1,1-Dichloroethene-d2	2.26	63	290408	28.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.72%#
21) 2-Butanone-d5	4.15	46	455586	100.05	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.05%
24) Chloroform-d	4.62	84	383289	44.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.76%
26) 1,2-Dichloroethane-d4	5.29	65	271087	42.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.38%
32) Benzene-d6	5.31	84	811120	48.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.74%
36) 1,2-Dichloropropane-d6	6.31	67	286146	48.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.64%
41) Toluene-d8	7.54	98	761101	47.70	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.40%
43) trans-1,3-Dichloropropene-	7.83	79	126948	45.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.44%
47) 2-Hexanone-d5	8.29	63	308356	104.74	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.74%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	391304	48.11	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.22%
64) 1,2-Dichlorobenzene-d4	11.84	152	256340	51.48	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.96%

Target Compounds

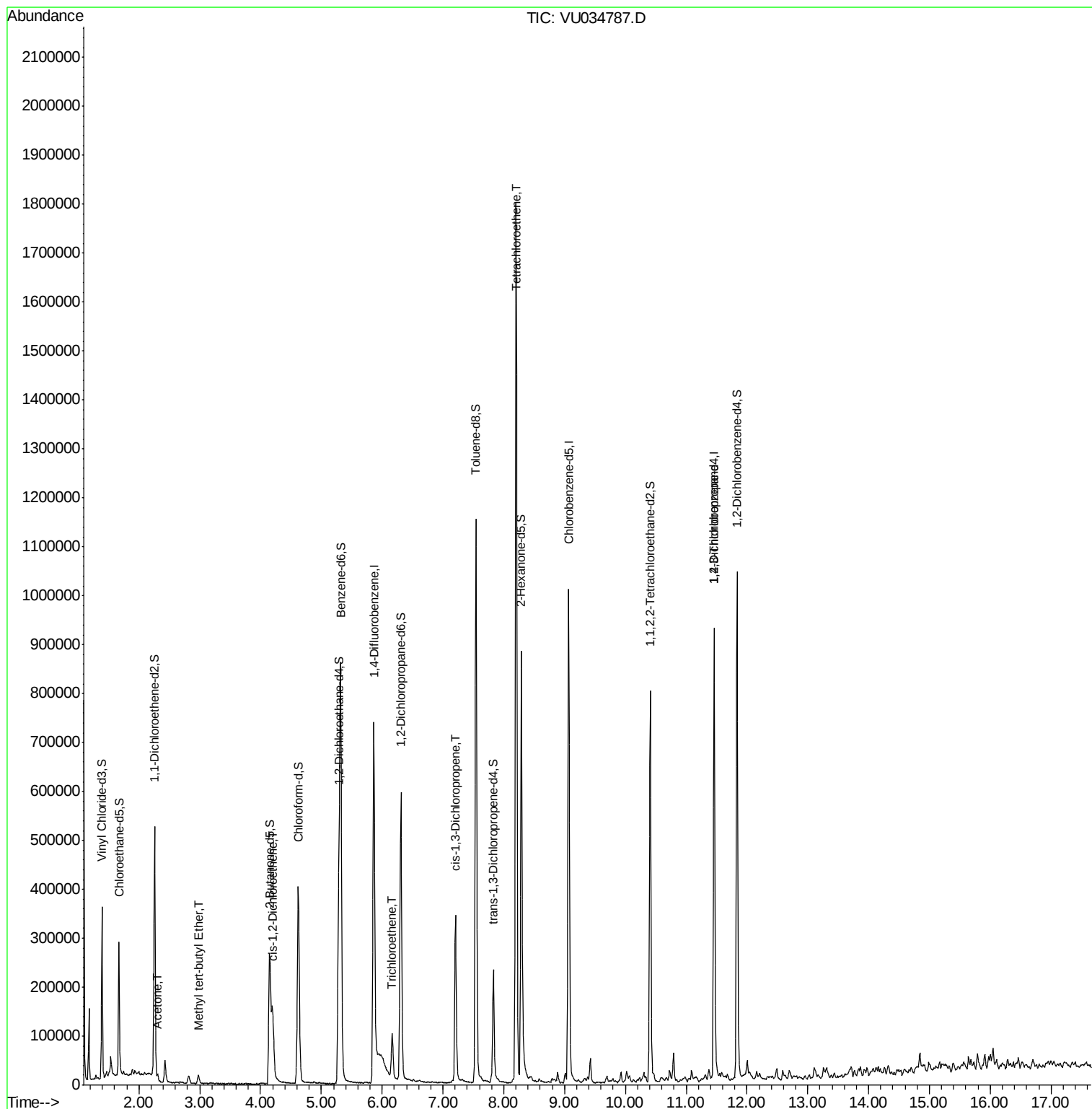
						Qvalue
13) Acetone	2.31	43	14531	2.743	ug/L	93
18) Methyl tert-butyl Ether	2.98	73	15294	0.993	ug/L #	92
20) cis-1,2-Dichloroethene	4.20	96	68014	14.012	ug/L	86
34) Trichloroethene	6.16	95	31284	6.750	ug/L	97
39) cis-1,3-Dichloropropene	7.21	75	9292	1.107	ug/L #	83
46) Tetrachloroethene	8.21	164	375810	115.279	ug/L	94
59) 1,2,3-Trichloropropane	11.46	75	31786	4.554	ug/L	89

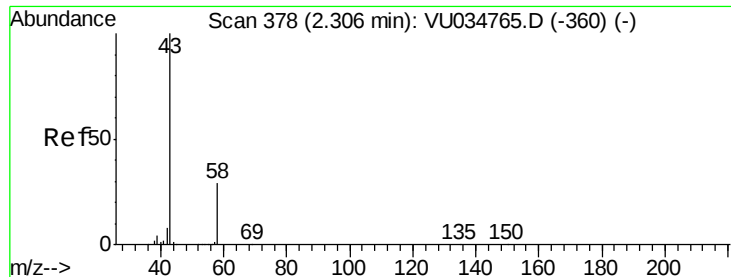
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.743 ug/L

RT: 2.31 min Scan# 378

Delta R.T. -0.00 min

Lab File: VU034787.D

Acq: 24 Sep 2019 21:30

Instrument :

MSVOA_U

ClientSampled :

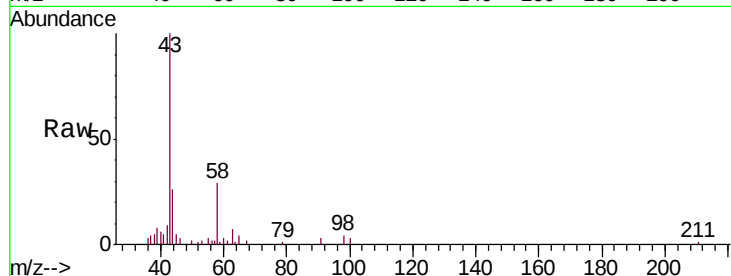
BEDN5

Tgt Ion: 43 Resp: 14531

Ion Ratio Lower Upper

43 100

58 30.1 0.0 53.4



Abundance Ion 43.00 (42.70 to 43.70): VU034765.D (-360) (-)

Ion 58.00 (57.70 to 58.70): VU034765.D (-360) (-)

2.31

10000

8000

6000

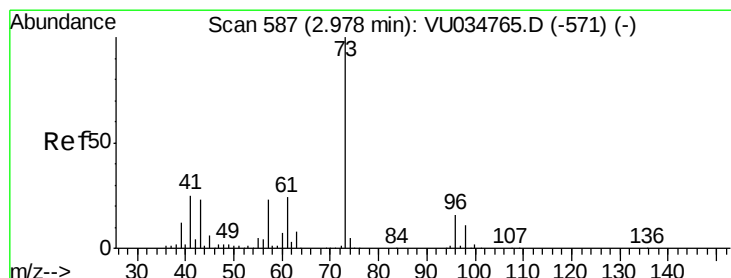
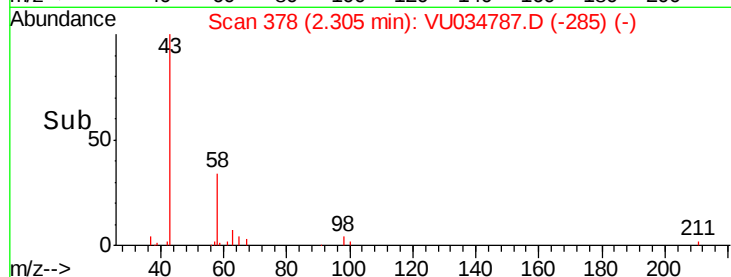
4000

2000

0

Time-->

2.25 2.30 2.35



#18

Methyl tert-butyl Ether

Concen: 0.993 ug/L

RT: 2.98 min Scan# 589

Delta R.T. 0.01 min

Lab File: VU034787.D

Acq: 24 Sep 2019 21:30

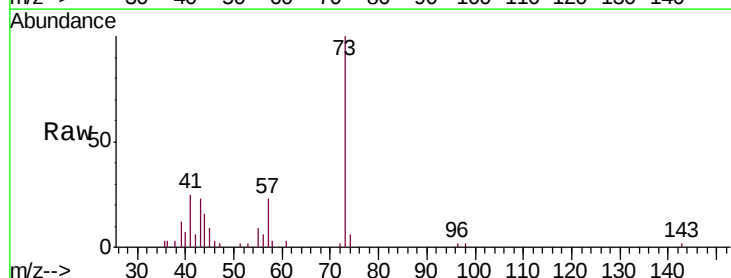
Tgt Ion: 73 Resp: 15294

Ion Ratio Lower Upper

73 100

43 23.6 20.9 31.3

57 18.6 19.5 29.3#



Abundance Ion 73.00 (72.70 to 73.70): VU034765.D (-571) (-)

Ion 43.00 (42.70 to 43.70): VU034765.D (-571) (-)

Ion 57.00 (56.70 to 57.70): VU034765.D (-571) (-)

2.98

10000

8000

6000

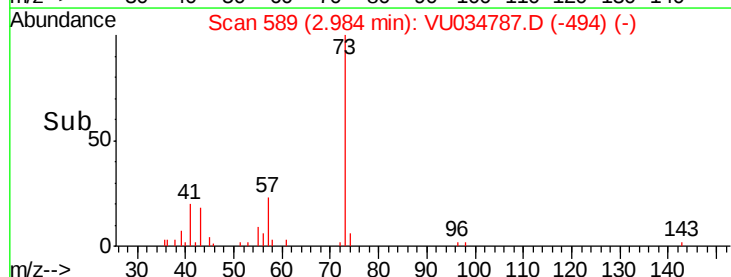
4000

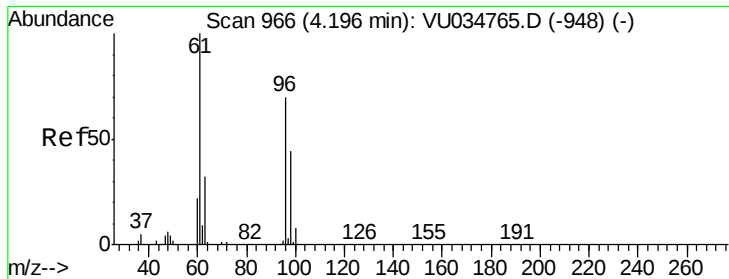
2000

0

Time-->

2.90 2.95 3.00 3.05



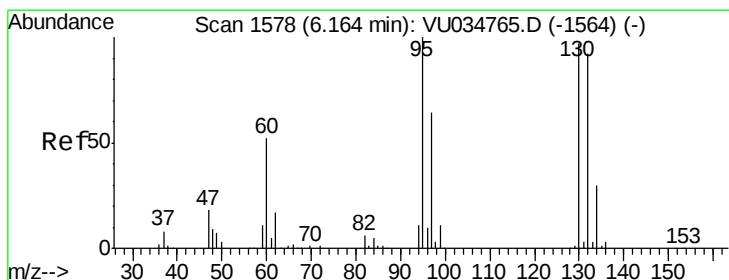
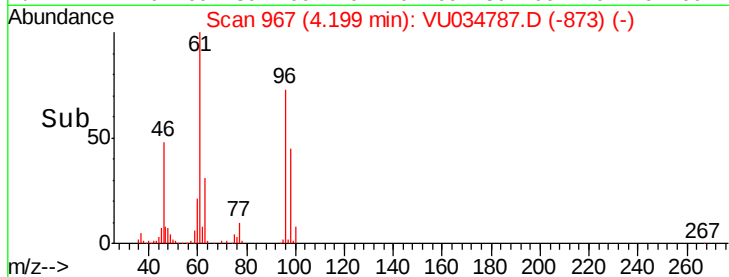
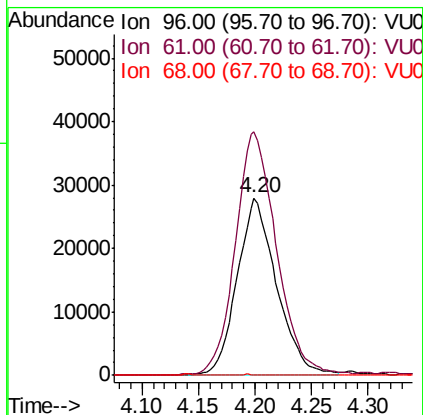
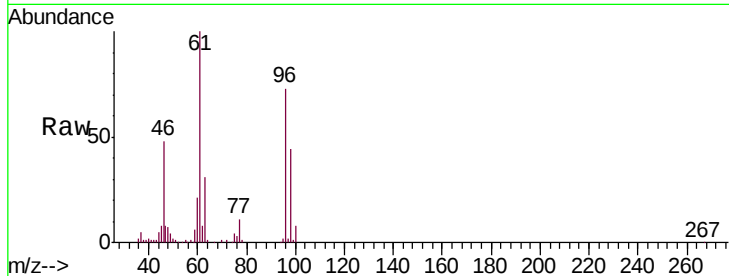


#20

cis-1,2-Dichloroethene
 Concen: 14.012 ug/L
 RT: 4.20 min Scan# 967
 Delta R.T. 0.00 min
 Lab File: VU034787.D
 Acq: 24 Sep 2019 21:30

Instrument :
 MSVOA_U
 ClientSampleID :
 BEDN5

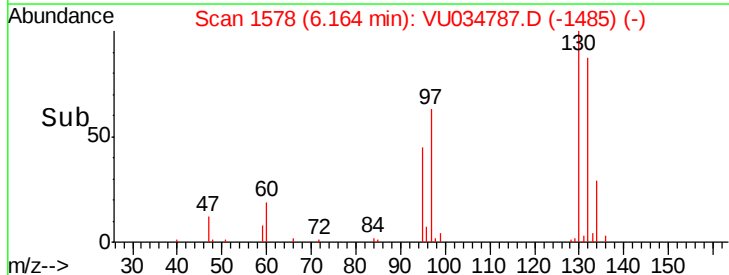
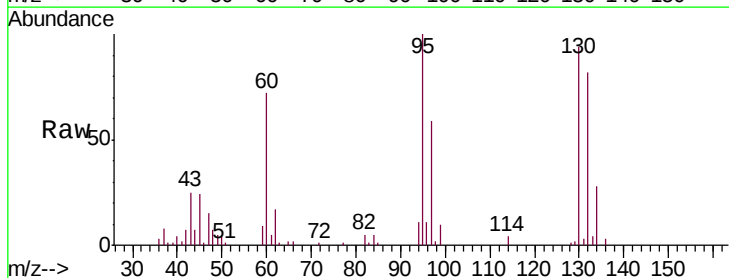
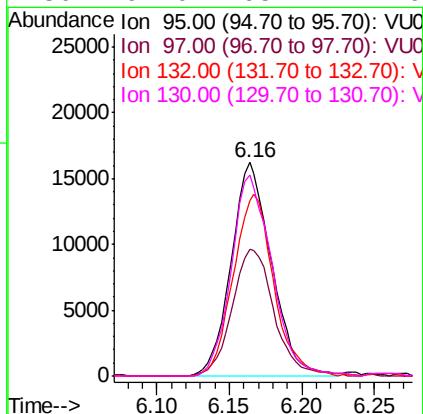
Tgt Ion: 96 Resp: 68014
 Ion Ratio Lower Upper
 96 100
 61 137.3 108.8 202.2
 68 0.0 0.0 0.0

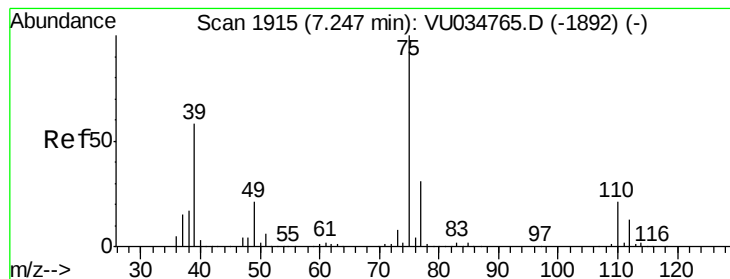


#34

Trichloroethene
 Concen: 6.750 ug/L
 RT: 6.16 min Scan# 1578
 Delta R.T. -0.00 min
 Lab File: VU034787.D
 Acq: 24 Sep 2019 21:30

Tgt Ion: 95 Resp: 31284
 Ion Ratio Lower Upper
 95 100
 97 59.2 43.7 81.1
 132 81.9 61.0 113.2
 130 94.0 65.7 121.9



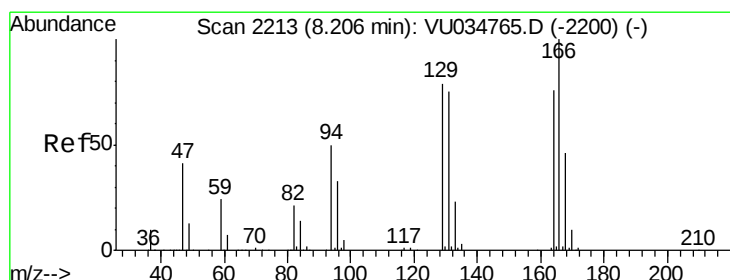
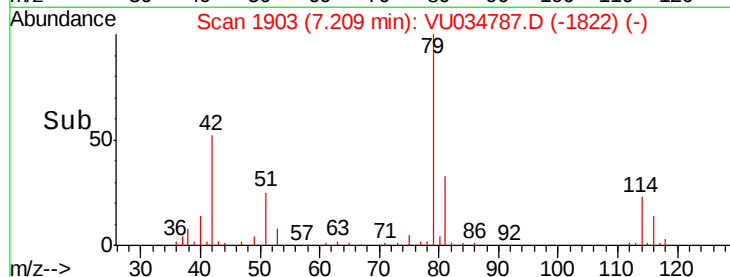
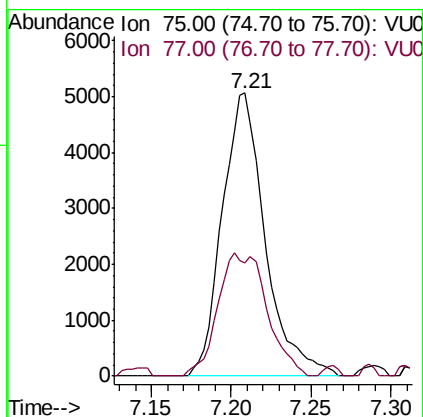
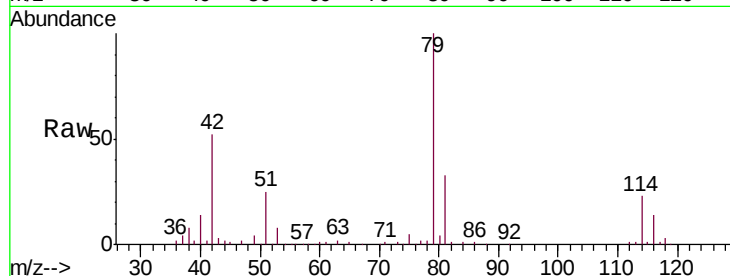


#39

cis-1,3-Dichloropropene
 Concen: 1.107 ug/L
 RT: 7.21 min Scan# 1903
 Delta R.T. -0.04 min
 Lab File: VU034787.D
 Acq: 24 Sep 2019 21:30

Instrument :
 MSVOA_U
 ClientSampleId :
 BEDN5

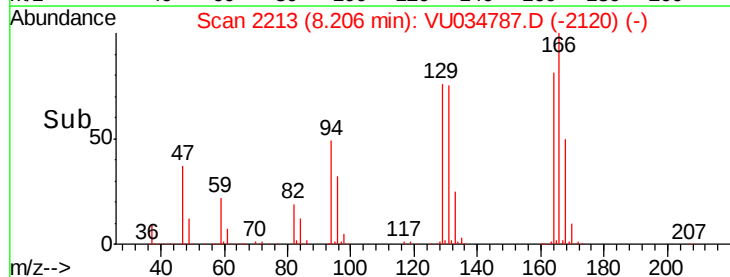
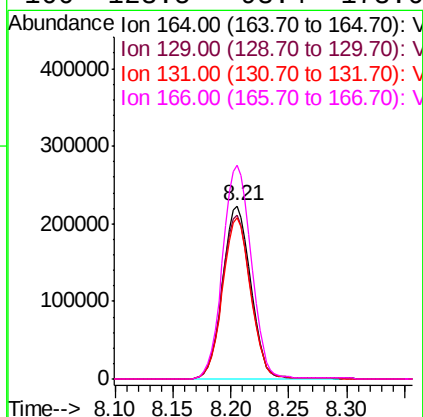
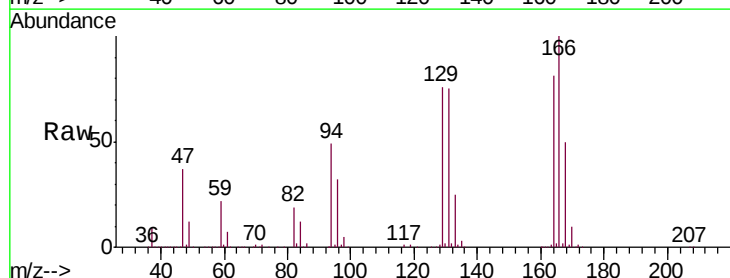
Tgt Ion: 75 Resp: 9292
 Ion Ratio Lower Upper
 75 100
 77 39.9 21.4 39.8#

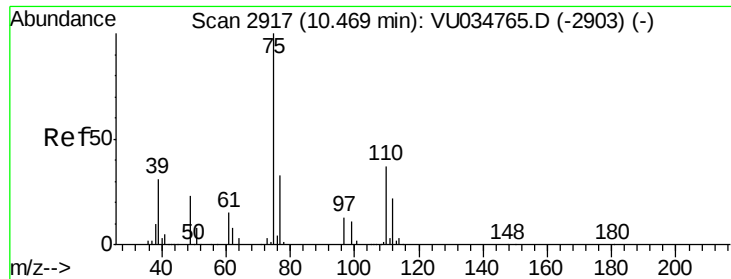


#46

Tetrachloroethene
 Concen: 115.279 ug/L
 RT: 8.21 min Scan# 2213
 Delta R.T. -0.00 min
 Lab File: VU034787.D
 Acq: 24 Sep 2019 21:30

Tgt Ion: 164 Resp: 375810
 Ion Ratio Lower Upper
 164 100
 129 94.5 71.9 133.5
 131 92.9 66.3 123.1
 166 123.5 93.4 173.6





#59

1,2,3-Trichloropropane

Concen: 4.554 ug/L

RT: 11.46 min Scan# 3225

Delta R.T. 0.99 min

Lab File: VU034787.D

Acq: 24 Sep 2019 21:30

Instrument :

MSVOA_U

ClientSampleId :

BEDN5

Tgt Ion: 75 Resp: 31786

Ion Ratio Lower Upper

75 100

77 36.7 24.6 37.0

