

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090819\
 Data File : VU034381.D
 Acq On : 07 Sep 2019 15:25
 Operator : JC/SP
 Sample : K4724-02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFDA3

Quant Time: Sep 09 05:29:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR090119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Sep 03 14:18:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.87	114	294636	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	298310	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	142042	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	79657	4.01	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.20%
7) Chloroethane-d5	1.68	69	70228	4.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.20%
11) 1,1-Dichloroethene-d2	2.26	63	120596	3.24	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.80%
20) 2-Butanone-d5	4.17	46	235240	51.32	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.64%
24) Chloroform-d	4.62	84	164391	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
26) 1,2-Dichloroethane-d4	5.29	65	81177	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.80%
32) Benzene-d6	5.32	84	344708	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.80%
36) 1,2-Dichloropropane-d6	6.31	67	112357	4.65	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.00%
41) Toluene-d8	7.55	98	300024	4.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.40%
43) trans-1,3-Dichloropropene-	7.83	79	36757	4.28	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.60%
46) 2-Hexanone-d5	8.30	63	182051	48.90	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.80%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	91399	5.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.80%
64) 1,2-Dichlorobenzene-d4	11.84	152	125774	5.15	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.00%

Target Compounds

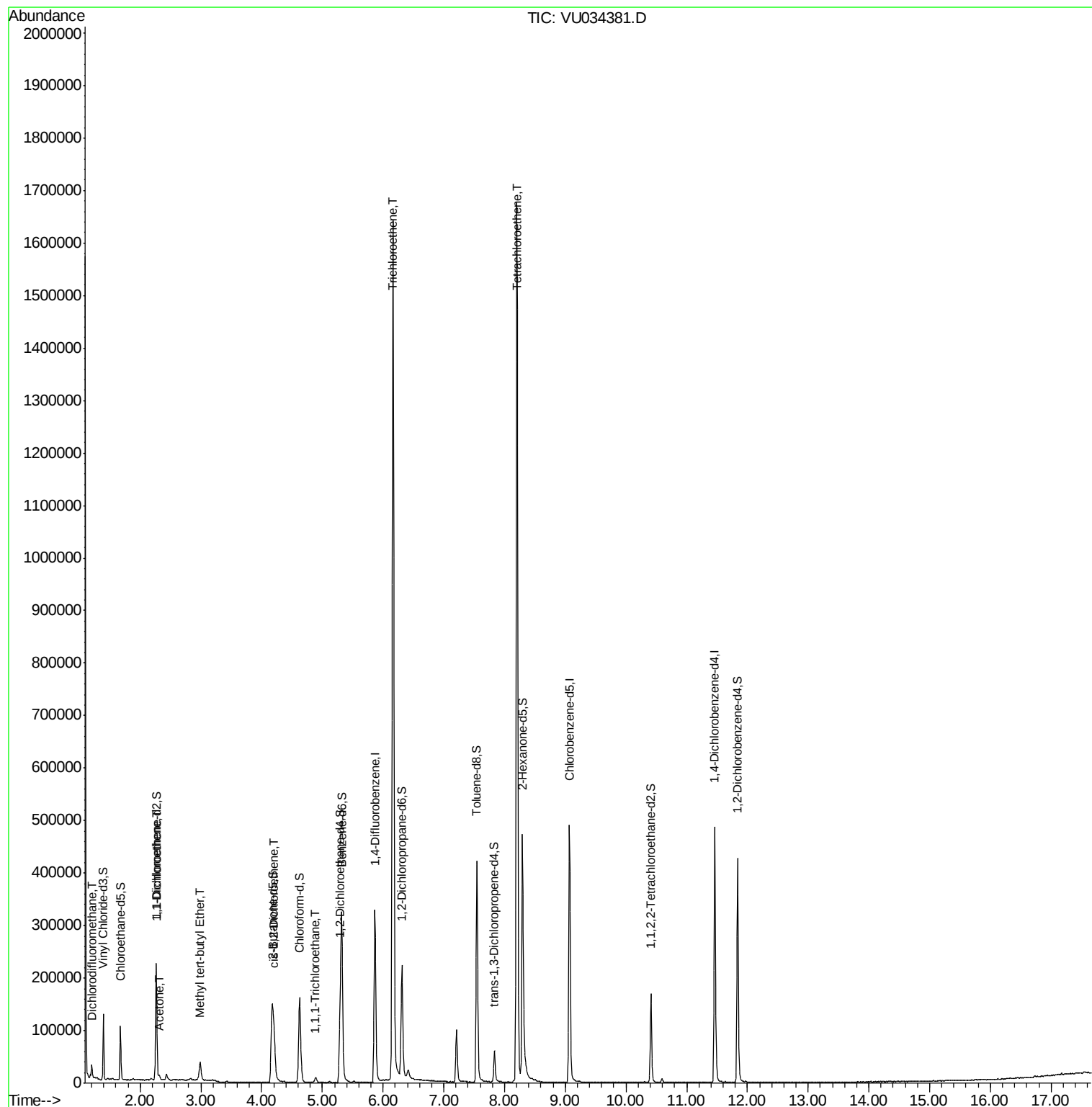
					Ovalue
2) Dichlorodifluoromethane	1.20	85	9291	0.329 ug/L	99
12) 1,1-Dichloroethene	2.28	96	11443	0.624 ug/L #	1
13) Acetone	2.31	43	8777	2.860 ug/L	98
17) Methyl tert-butyl Ether	2.99	73	37714	0.827 ug/L	98
22) cis-1,2-Dichloroethene	4.20	96	45440	2.039 ug/L	94
29) 1,1,1-Trichloroethane	4.89	97	7104	0.217 ug/L	94
34) Trichloroethene	6.16	95	594069	25.546 ug/L	97
47) Tetrachloroethene	8.21	164	410437	21.475 ug/L	96

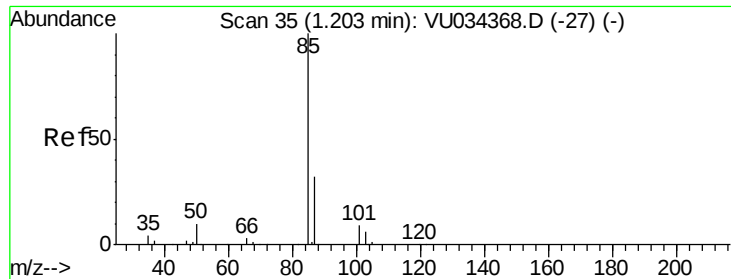
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090819\
Data File : VU034381.D
Acq On : 07 Sep 2019 15:25
Operator : JC/SP
Sample : K4724-02
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFDA3

Quant Time: Sep 09 05:29:11 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR090119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Sep 03 14:18:00 2019
Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 0.329 ug/L

RT: 1.20 min Scan# 35

Delta R.T. 0.00 min

Lab File: VU034381.D

Acq: 07 Sep 2019 15:25

Instrument :

MSVOA_U

ClientSampleId :

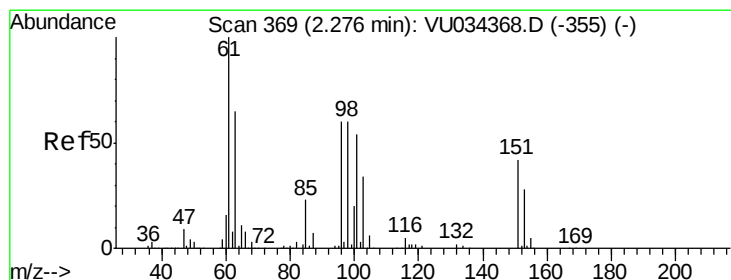
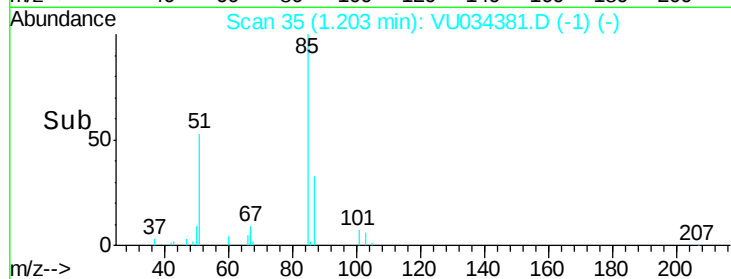
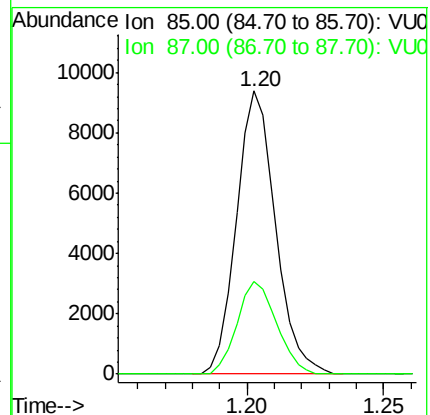
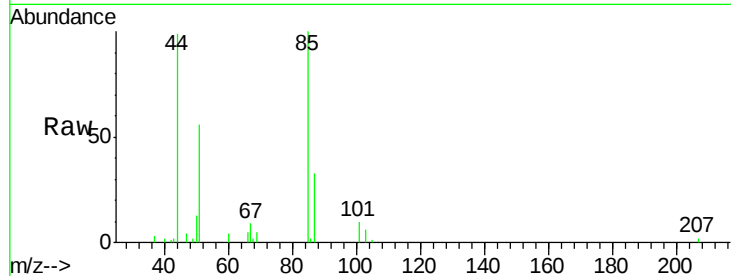
BFDA3

Tot Ion: 85 Resp: 9291

Ion Ratio Lower Upper

85 100

87 33.1 26.2 39.2



#12

1,1-Dichloroethene

Concen: 0.624 ug/L

RT: 2.28 min Scan# 369

Delta R.T. 0.00 min

Lab File: VU034381.D

Acq: 07 Sep 2019 15:25

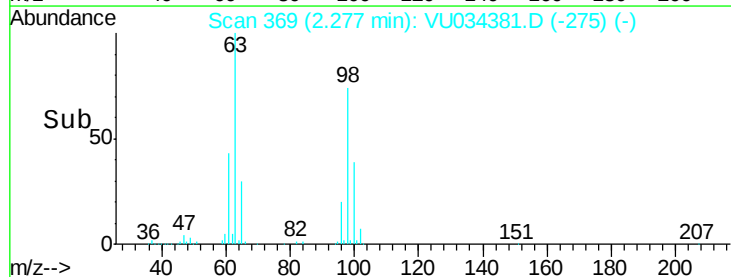
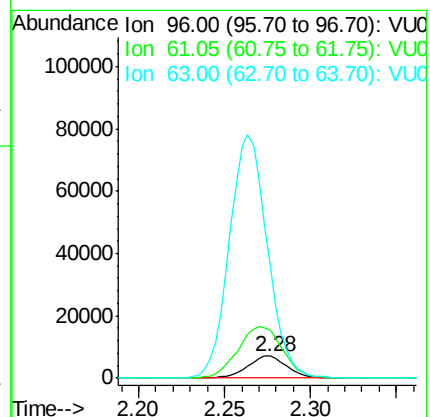
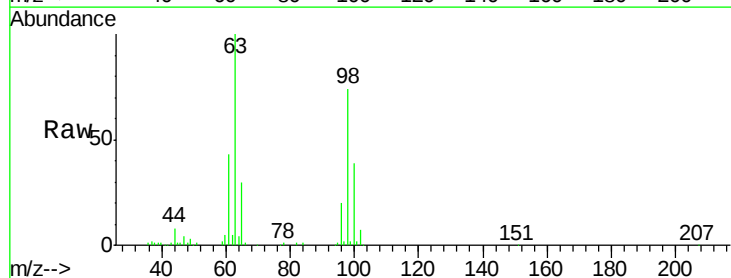
Tgt Ion: 96 Resp: 11443

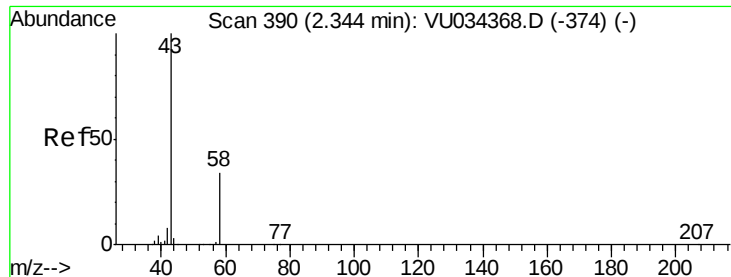
Ion Ratio Lower Upper

96 100

61 216.1 126.6 235.0

63 503.2 94.5 175.5#





#13

Acetone

Concen: 2.860 ug/L

RT: 2.31 min Scan# 380

Delta R.T. -0.01 min

Lab File: VU034381.D

Acq: 07 Sep 2019 15:25

Instrument :

MSVOA_U

ClientSampleId :

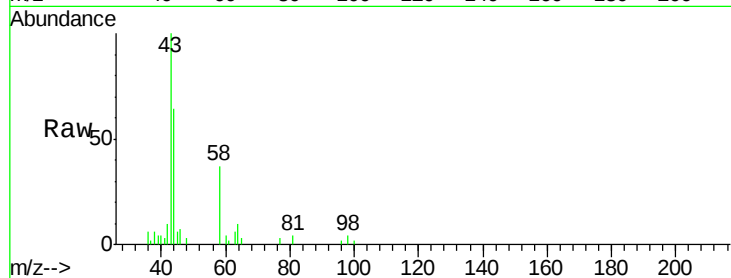
BFDA3

Tot Ion: 43 Resp: 8777

Ion Ratio Lower Upper

43 100

58 35.1 0.0 67.6



Abundance Ion 43.05 (42.75 to 43.75): VU034381.D (-380) (-)

Ion 58.05 (57.75 to 58.75): VU034381.D (-380) (-)

2.31

6000

5000

4000

3000

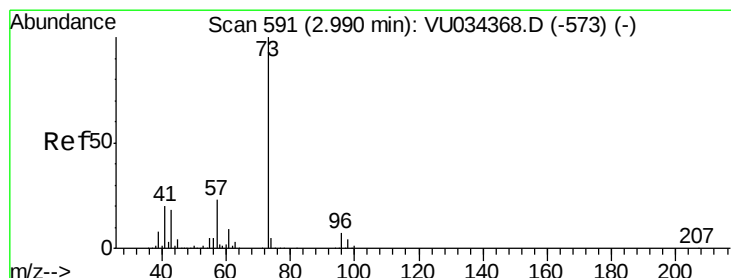
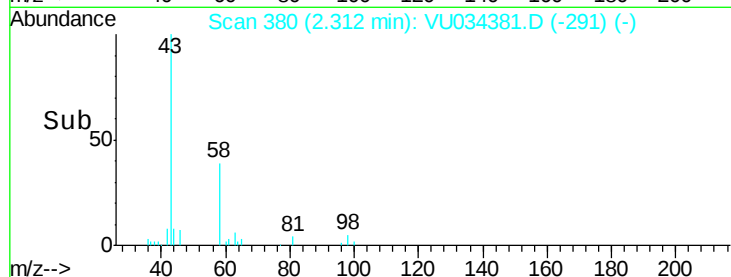
2000

1000

0

Time-->

2.25 2.30 2.35 2.40



#17

Methyl tert-butyl Ether

Concen: 0.827 ug/L

RT: 2.99 min Scan# 590

Delta R.T. 0.00 min

Lab File: VU034381.D

Acq: 07 Sep 2019 15:25

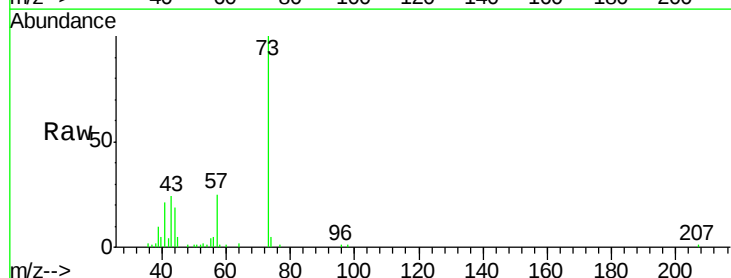
Tgt Ion: 73 Resp: 37714

Ion Ratio Lower Upper

73 100

43 20.0 14.7 22.1

57 23.9 18.6 27.8



Abundance Ion 73.10 (72.80 to 73.80): VU034381.D (-590) (-)

Ion 43.05 (42.75 to 43.75): VU034381.D (-590) (-)

Ion 57.10 (56.80 to 57.80): VU034381.D (-590) (-)

2.99

20000

15000

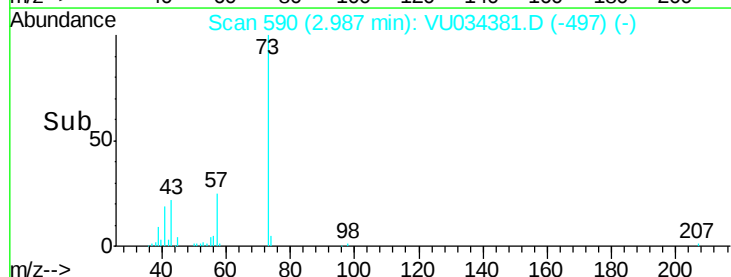
10000

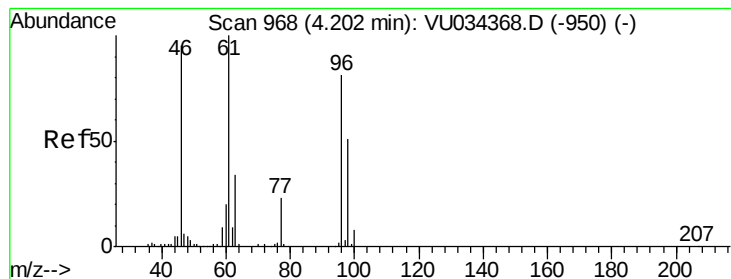
5000

0

Time-->

2.90 2.95 3.00 3.05 3.10



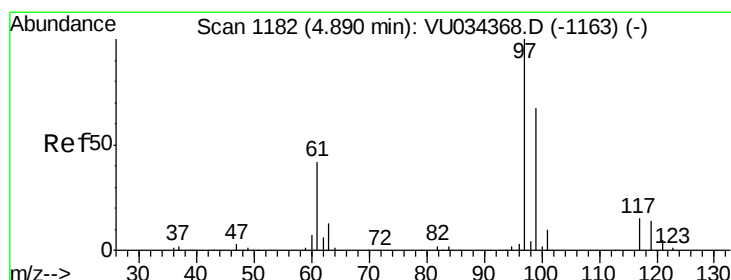
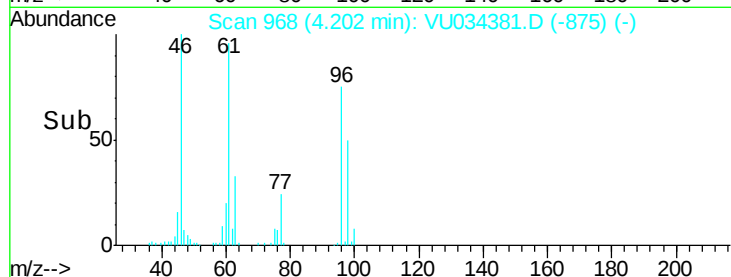
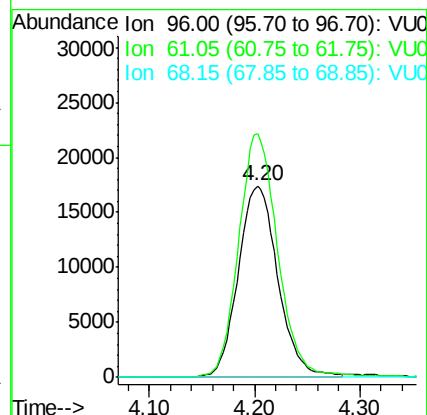
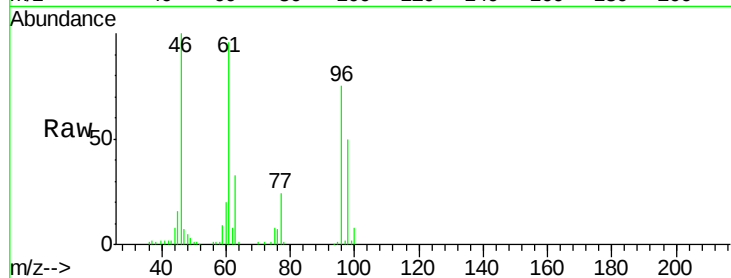


#22

cis-1,2-Dichloroethene
 Concen: 2.039 ug/L
 RT: 4.20 min Scan# 968
 Delta R.T. 0.00 min
 Lab File: VU034381.D
 Acq: 07 Sep 2019 15:25

Instrument :
 MSVOA_U
 ClientSampleId :
 BFDA3

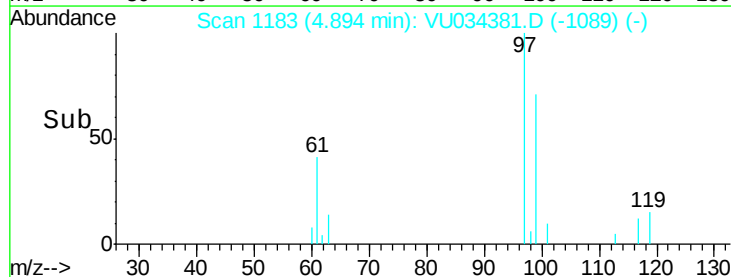
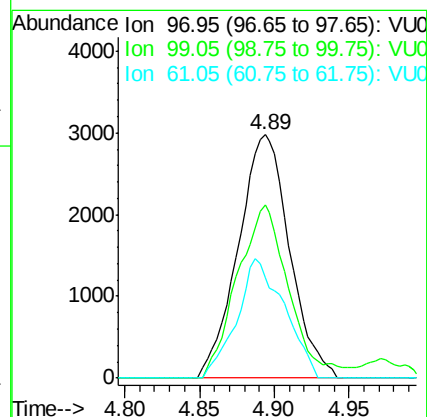
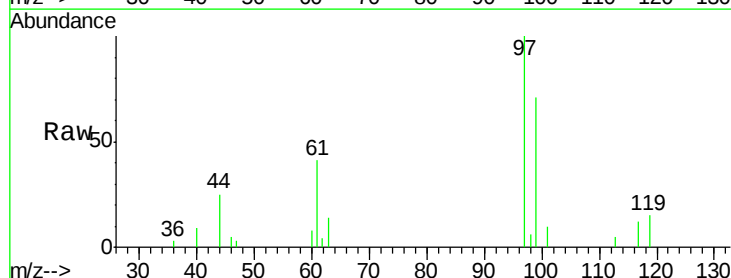
Tot Ion: 96 Resp: 45440
 Ion Ratio Lower Upper
 96 100
 61 127.1 93.6 173.8
 68 0.0 0.0 0.0

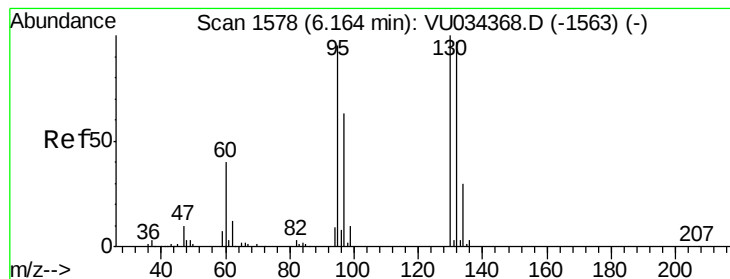


#29

1,1,1-Trichloroethane
 Concen: 0.217 ug/L
 RT: 4.89 min Scan# 1183
 Delta R.T. 0.00 min
 Lab File: VU034381.D
 Acq: 07 Sep 2019 15:25

Tgt Ion: 97 Resp: 7104
 Ion Ratio Lower Upper
 97 100
 99 71.4 52.1 78.1
 61 45.6 35.4 53.2





#34

Trichloroethene

Concen: 25.546 ug/L

RT: 6.16 min Scan# 1578

Delta R.T. 0.00 min

Lab File: VU034381.D

Acq: 07 Sep 2019 15:25

Instrument :

MSVOA_U

ClientSampleId :

BFDA3

Tot Ion: 95 Resp: 594069

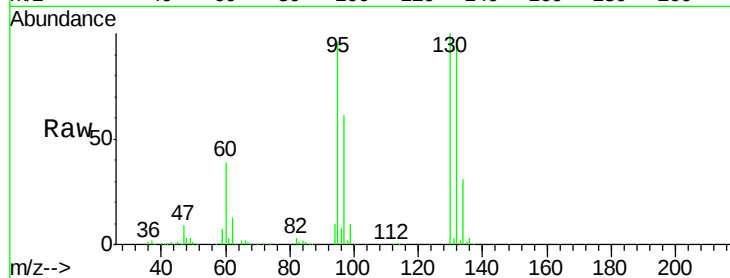
Ion Ratio Lower Upper

95 100

97 63.7 43.3 80.5

132 101.0 68.6 127.4

130 104.1 70.5 130.9

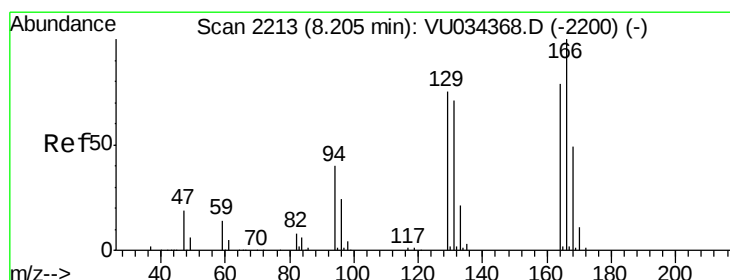
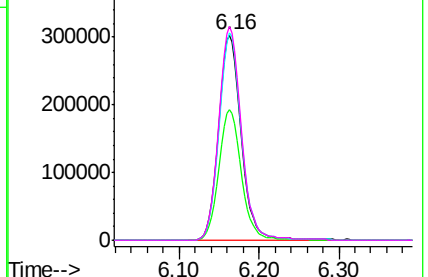
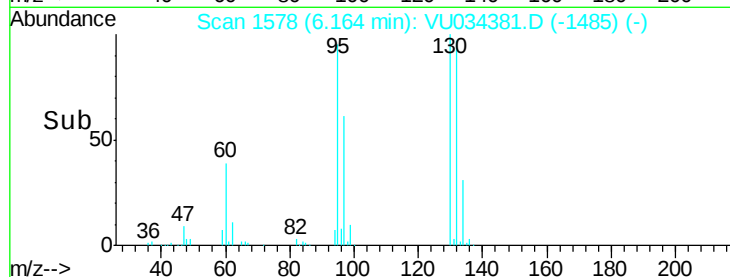


Abundance Ion 95.00 (94.70 to 95.70): VU034381.D (-1485) (-)

Ion 96.95 (96.65 to 97.65): VU034381.D (-1485) (-)

Ion 131.95 (131.65 to 132.65): VU034381.D (-1485) (-)

Ion 129.95 (129.65 to 130.65): VU034381.D (-1485) (-)



#47

Tetrachloroethene

Concen: 21.475 ug/L

RT: 8.21 min Scan# 2213

Delta R.T. -0.00 min

Lab File: VU034381.D

Acq: 07 Sep 2019 15:25

Tgt Ion: 164 Resp: 410437

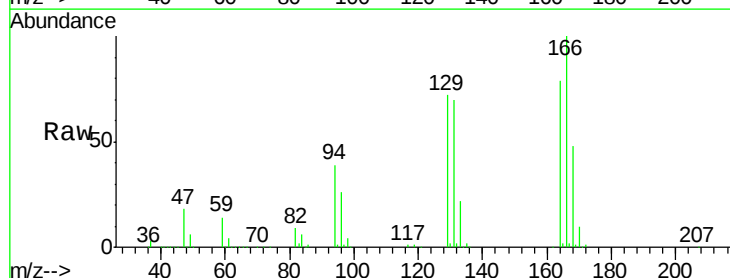
Ion Ratio Lower Upper

164 100

129 91.8 68.0 126.2

131 88.9 64.6 120.0

166 127.1 92.0 170.8



Abundance Ion 163.90 (163.60 to 164.60): VU034381.D (-2121) (-)

Ion 128.95 (128.65 to 129.65): VU034381.D (-2121) (-)

Ion 130.95 (130.65 to 131.65): VU034381.D (-2121) (-)

Ion 165.90 (165.60 to 166.60): VU034381.D (-2121) (-)

