

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U111819\
 Data File : VU035751.D
 Acq On : 18 Nov 2019 18:24
 Operator : JC/SP
 Sample : K5910-14
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GAQJ7

Quant Time: Nov 19 09:11:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR110419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Nov 19 00:32:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	184069	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	219970	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.85	152	72179	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	84619	4.47	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.40%
7) Chloroethane-d5	1.93	69	81457	5.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.20%
11) 1,1-Dichloroethene-d2	2.59	63	112847	3.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.80%
20) 2-Butanone-d5	4.70	46	221200	52.88	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.76%
24) Chloroform-d	5.11	84	149953	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.40%
26) 1,2-Dichloroethane-d4	5.75	65	85969	5.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.40%
32) Benzene-d6	5.77	84	316206	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.40%
36) 1,2-Dichloropropane-d6	6.74	67	112206	5.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.20%
41) Toluene-d8	7.93	98	256400	3.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.20%
43) trans-1,3-Dichloropropene-	8.22	79	37849	4.23	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.60%
46) 2-Hexanone-d5	8.70	63	151603	43.27	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.54%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	90063	4.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.00%
64) 1,2-Dichlorobenzene-d4	12.22	152	75284	5.26	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.20%

Target Compounds

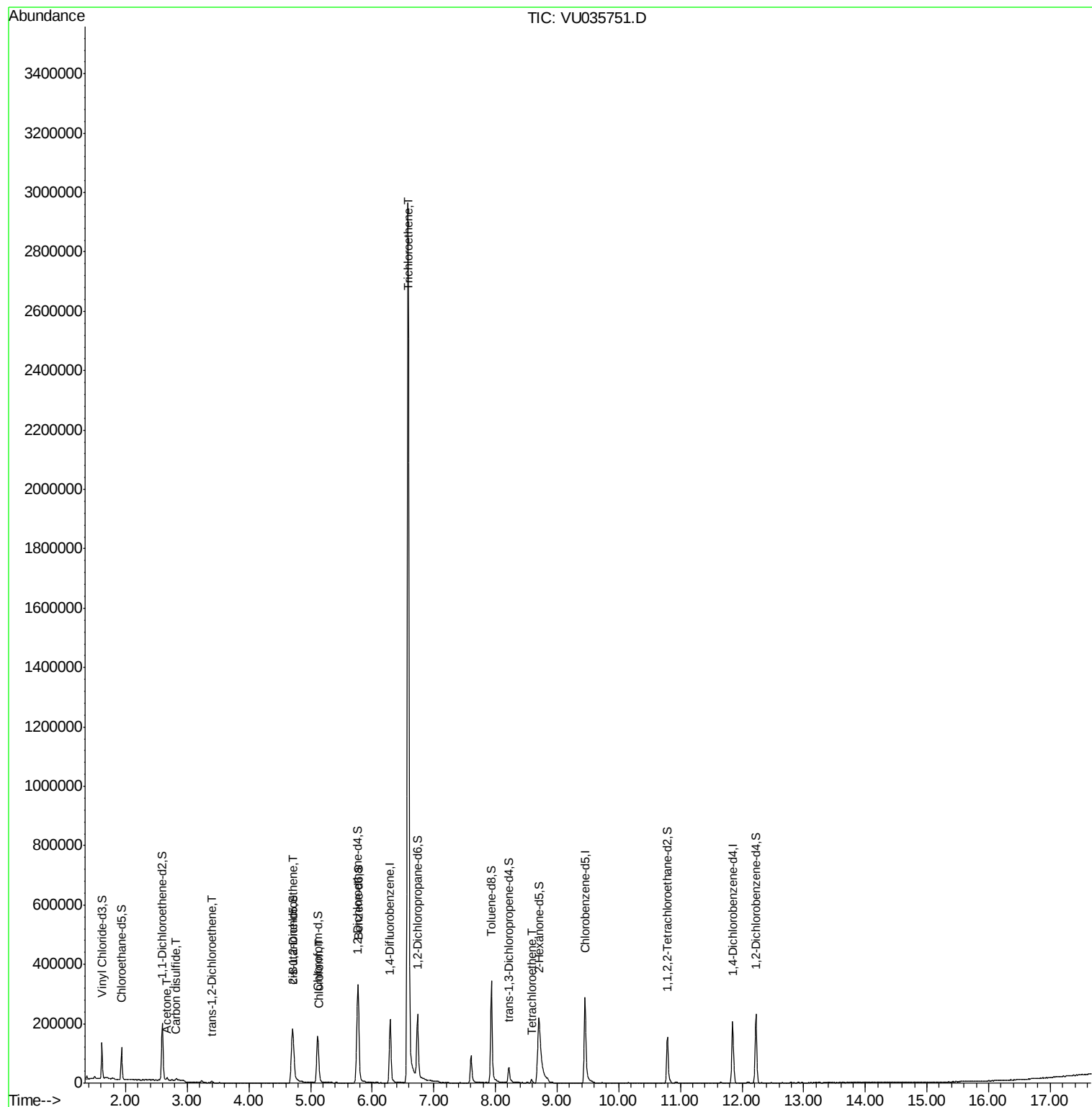
					Ovalue
13) Acetone	2.67	43	6368	2.111 ug/L	86
14) Carbon disulfide	2.82	76	6021	0.115 ug/L #	80
18) trans-1,2-Dichloroethene	3.39	96	2899	0.174 ug/L	93
22) cis-1,2-Dichloroethene	4.72	96	46780	2.542 ug/L	99
25) Chloroform	5.14	83	18280	0.543 ug/L	99
34) Trichloroethene	6.58	95	1079387	54.483 ug/L	98
47) Tetrachloroethene	8.59	164	2883	0.167 ug/L	80

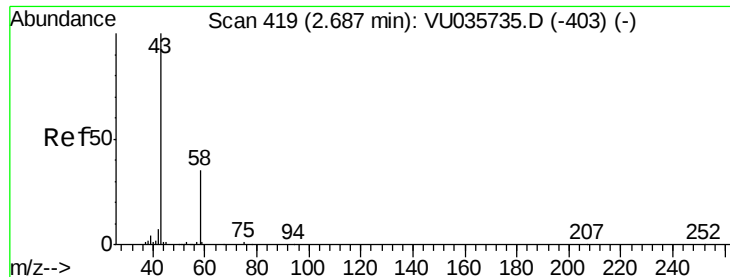
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111819\
Data File : VU035751.D
Acq On : 18 Nov 2019 18:24
Operator : JC/SP
Sample : K5910-14
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAQJ7

Quant Time: Nov 19 09:11:10 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR110419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 19 00:32:50 2019
Response via : Initial Calibration





#13

Acetone

Concen: 2.111 ug/L

RT: 2.67 min Scan# 414

Delta R.T. -0.02 min

Lab File: VU035751.D

Acq: 18 Nov 2019 18:24

Instrument :

MSVOA_U

ClientSampleId :

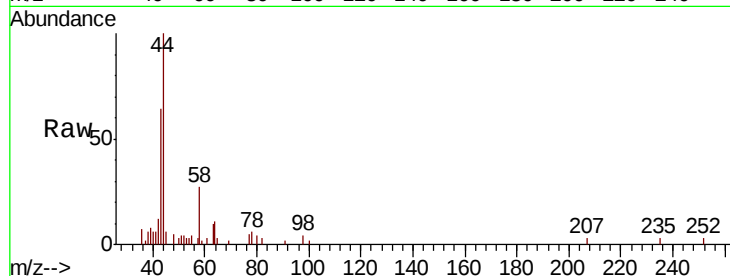
GAQJ7

Tot Ion: 43 Resp: 6368

Ion Ratio Lower Upper

43 100

58 42.9 0.0 69.8



Abundance Ion 43.05 (42.75 to 43.75): VU035751.D (-403) (-)

Ion 58.05 (57.75 to 58.75): VU035751.D (-403) (-)

2.67

3000

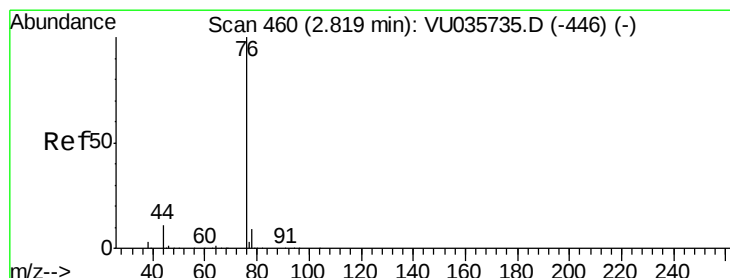
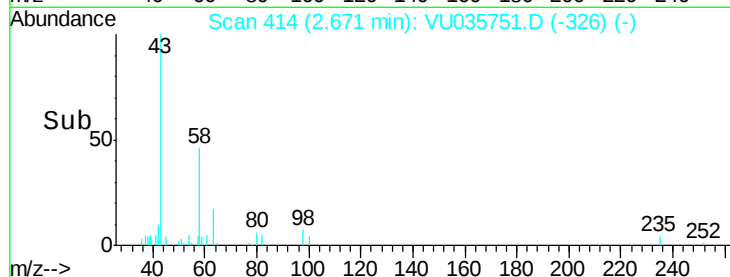
2000

1000

0

2.60 2.65 2.70 2.75

Time-->



#14

Carbon disulfide

Concen: 0.115 ug/L

RT: 2.82 min Scan# 461

Delta R.T. 0.00 min

Lab File: VU035751.D

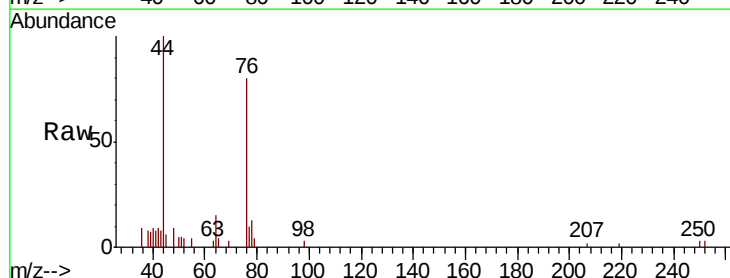
Acq: 18 Nov 2019 18:24

Tgt Ion: 76 Resp: 6021

Ion Ratio Lower Upper

76 100

78 16.3 7.4 11.0#



Abundance Ion 76.05 (75.75 to 76.75): VU035751.D (-446) (-)

Ion 78.00 (77.70 to 78.70): VU035751.D (-446) (-)

2.82

3000

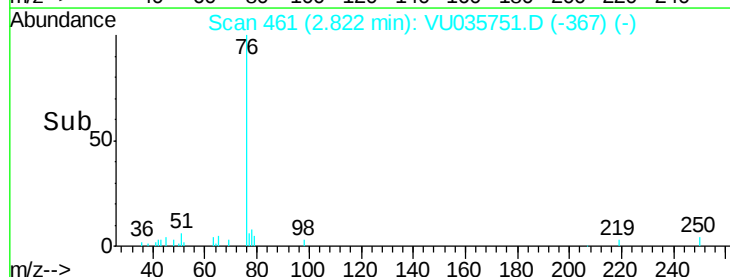
2000

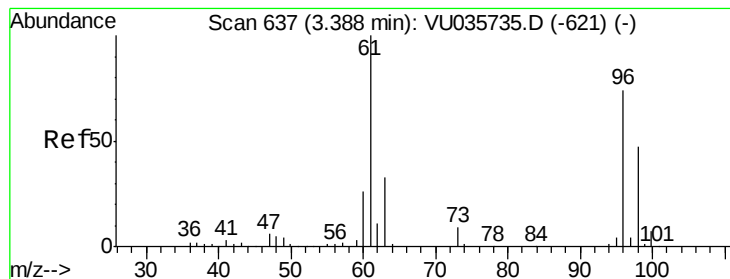
1000

0

2.75 2.80 2.85

Time-->





#18

trans-1,2-Dichloroethene

Concen: 0.174 ug/L

RT: 3.39 min Scan# 639

Delta R.T. 0.01 min

Lab File: VU035751.D

Acq: 18 Nov 2019 18:24

Instrument :

MSVOA_U

ClientSampleId :

GAQJ7

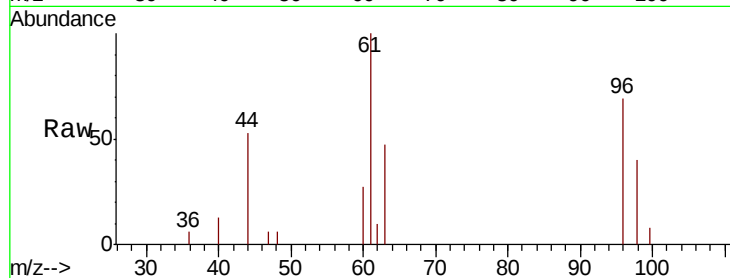
Tot Ion: 96 Resp: 2899

Ion Ratio Lower Upper

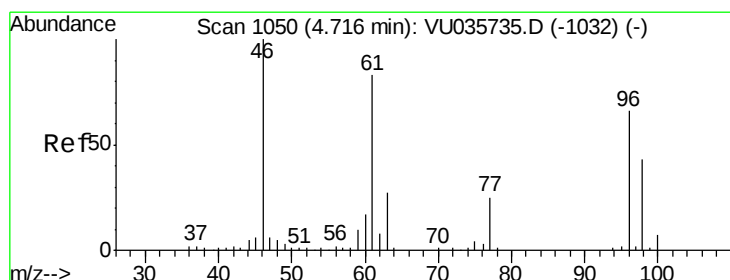
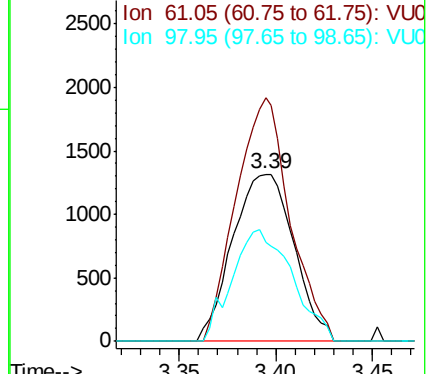
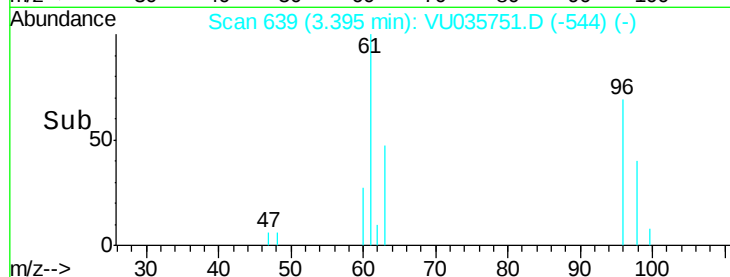
96 100

61 145.7 95.0 176.4

98 58.9 42.5 78.9



Abundance Ion 96.00 (95.70 to 96.70): VU035751.D (-544) (-)



#22

cis-1,2-Dichloroethene

Concen: 2.542 ug/L

RT: 4.72 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VU035751.D

Acq: 18 Nov 2019 18:24

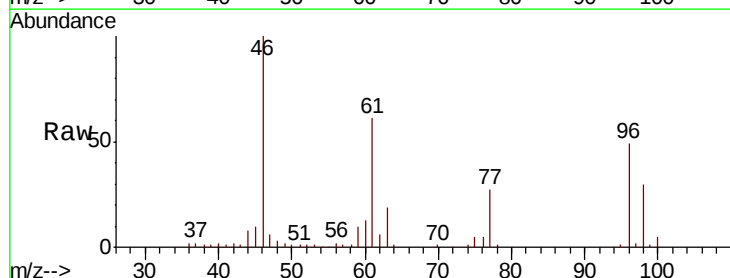
Tgt Ion: 96 Resp: 46780

Ion Ratio Lower Upper

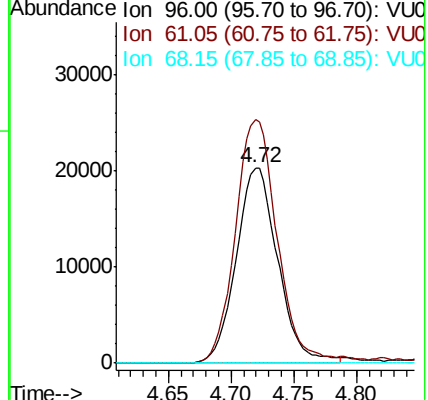
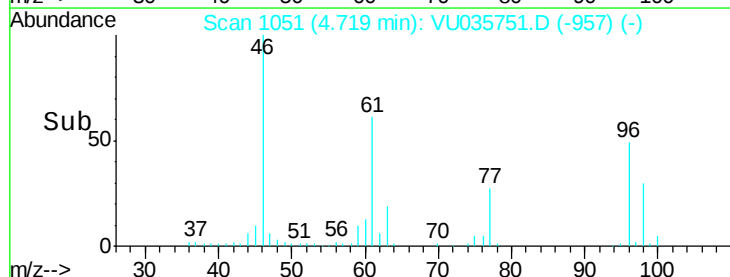
96 100

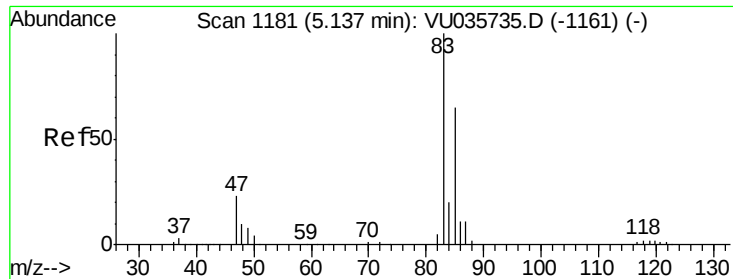
61 124.9 87.0 161.6

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU035751.D (-957) (-)

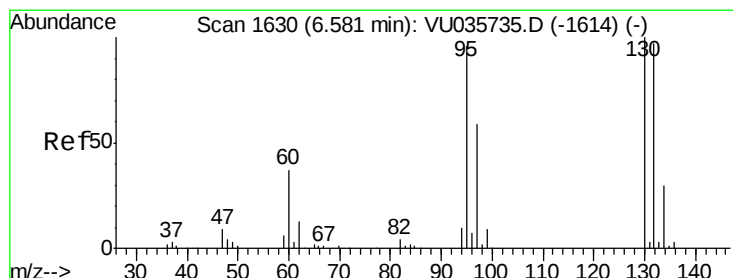
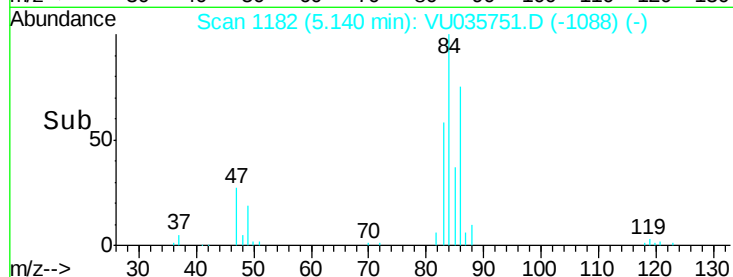
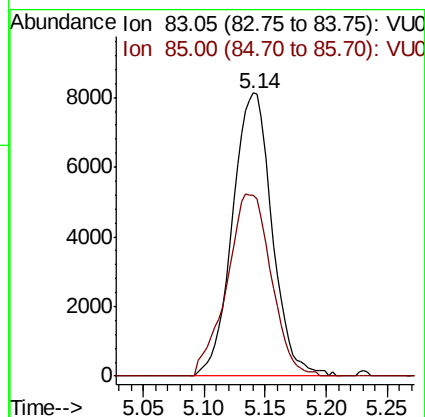
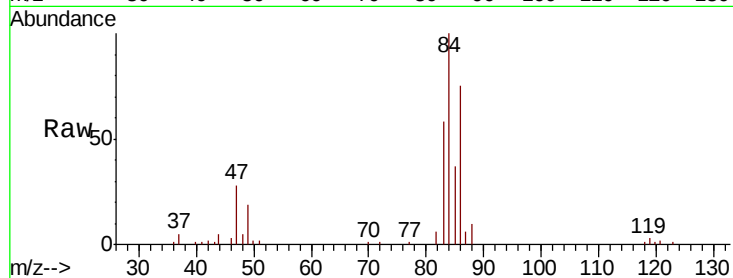




#25
Chloroform
Concen: 0.543 ug/L
RT: 5.14 min Scan# 1182
Delta R.T. 0.00 min
Lab File: VU035751.D
Acq: 18 Nov 2019 18:24

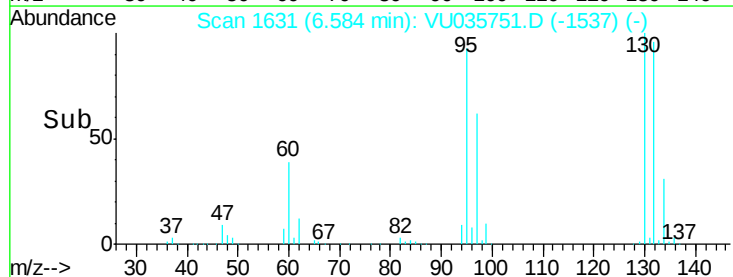
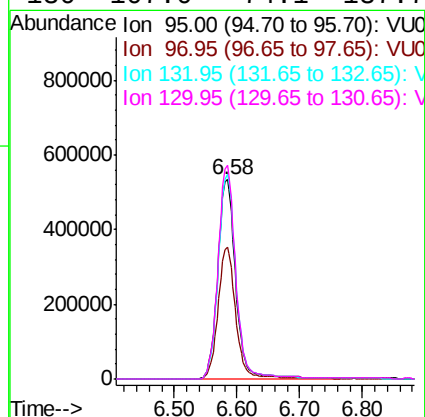
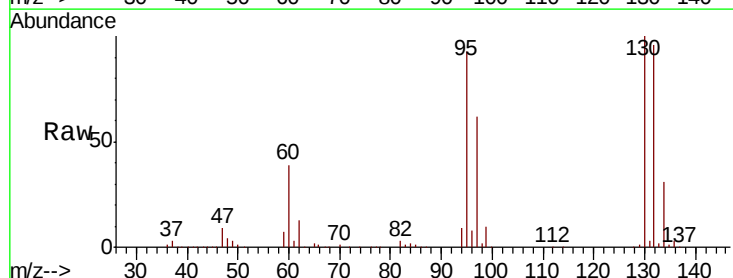
Instrument :
MSVOA_U
ClientSampleId :
GAQJ7

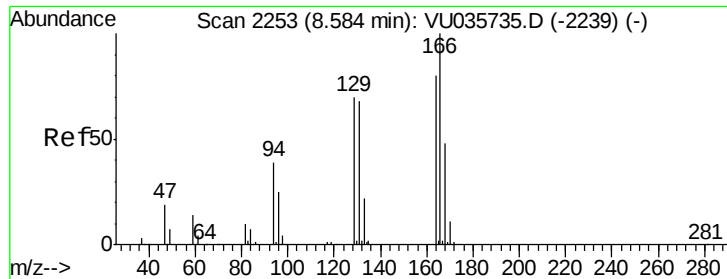
Tot Ion: 83 Resp: 18280
Ion Ratio Lower Upper
83 100
85 63.9 45.4 84.2



#34
Trichloroethene
Concen: 54.483 ug/L
RT: 6.58 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VU035751.D
Acq: 18 Nov 2019 18:24

Tgt Ion: 95 Resp: 1079387
Ion Ratio Lower Upper
95 100
97 66.0 44.5 82.7
132 102.8 69.9 129.7
130 107.0 74.1 137.7





#47

Tetrachloroethene

Concen: 0.167 ug/L

RT: 8.59 min Scan# 2254

Delta R.T. 0.00 min

Lab File: VU035751.D

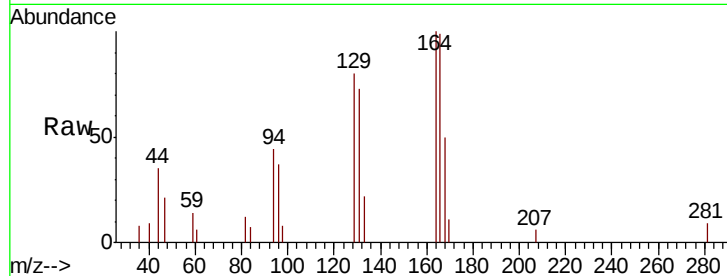
Acq: 18 Nov 2019 18:24

Instrument :

MSVOA_U

ClientSampleId :

GAQJ7



Tot Ion:164 Resp: 2883

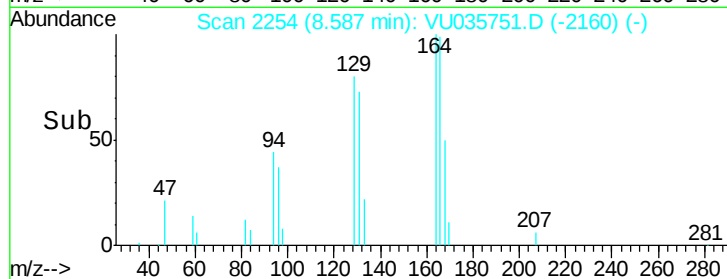
Ion Ratio Lower Upper

164 100

129 79.7 64.7 120.1

131 72.9 61.6 114.4

166 99.1 91.8 170.4



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

