

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U112719\
 Data File : VU035894.D
 Acq On : 27 Nov 2019 14:10
 Operator : JC/SP
 Sample : K6057-08
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AA7

Quant Time: Nov 29 04:01:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Nov 28 04:57:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	232241	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	277581	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	81464	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	131903	4.35	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.00%
7) Chloroethane-d5	1.93	69	123526	4.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.00%
11) 1,1-Dichloroethene-d2	2.59	63	166180	2.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.00%#
20) 2-Butanone-d5	4.69	46	286394	40.79	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.58%
24) Chloroform-d	5.11	84	215176	4.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.80%
26) 1,2-Dichloroethane-d4	5.75	65	131683	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.40%
32) Benzene-d6	5.77	84	438489	4.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.80%
36) 1,2-Dichloropropane-d6	6.73	67	152831	4.28	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.60%
41) Toluene-d8	7.93	98	341699	3.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.00%
43) trans-1,3-Dichloropropene-	8.21	79	52840	3.80	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.00%
46) 2-Hexanone-d5	8.68	63	281398	50.42	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.84%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	128354	4.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.40%
64) 1,2-Dichlorobenzene-d4	12.22	152	89033	5.03	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.60%

Target Compounds

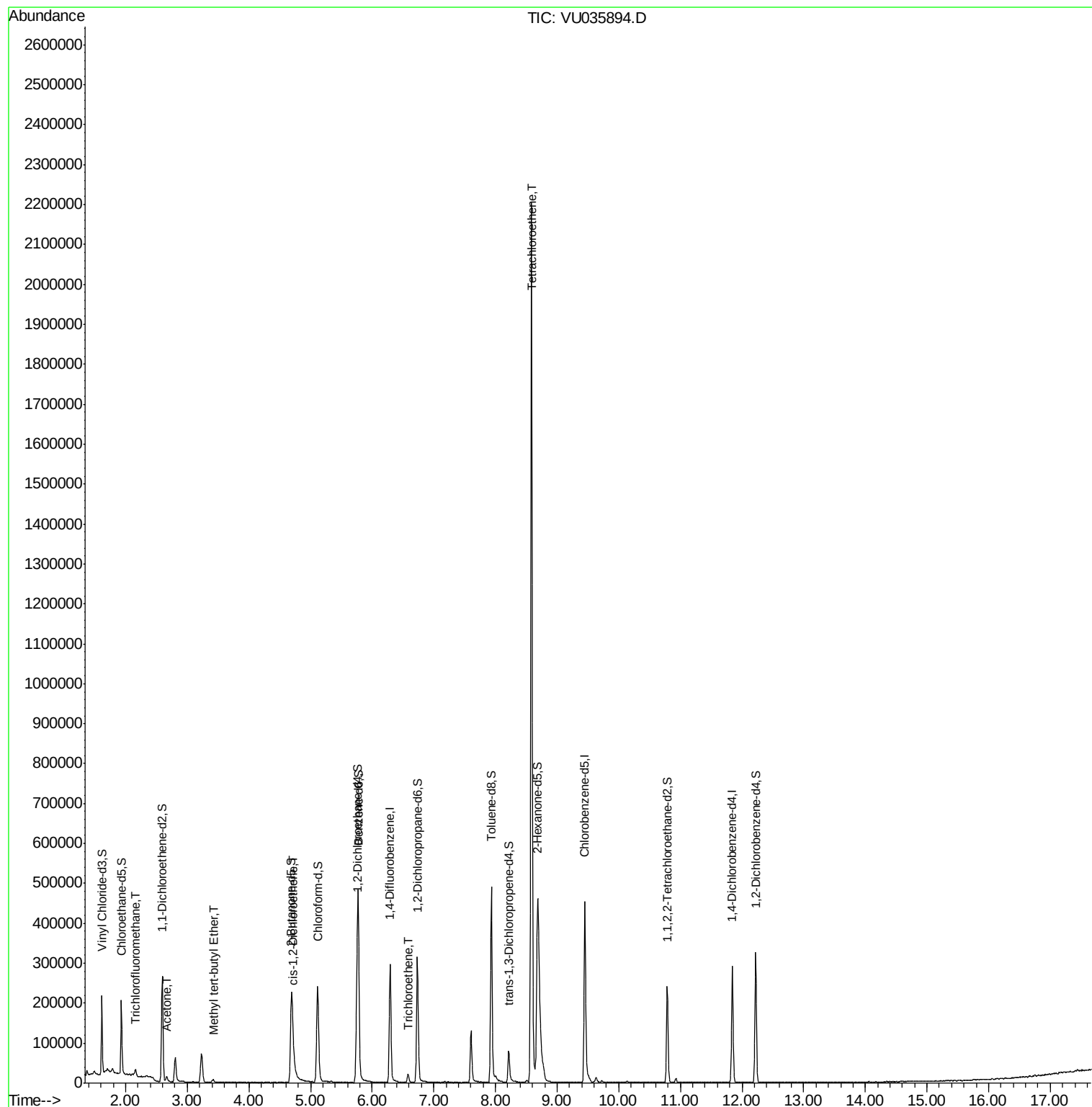
					Ovalue
9) Trichlorofluoromethane	2.16	101	8276	0.184 ug/L	98
13) Acetone	2.67	43	15025	2.437 ug/L	97
17) Methyl tert-butyl Ether	3.42	73	6698	0.115 ug/L #	86
22) cis-1,2-Dichloroethene	4.73	96	6404	0.242 ug/L	99
34) Trichloroethene	6.58	95	6697	0.236 ug/L	97
47) Tetrachloroethene	8.58	164	501433	23.195 ug/L	97

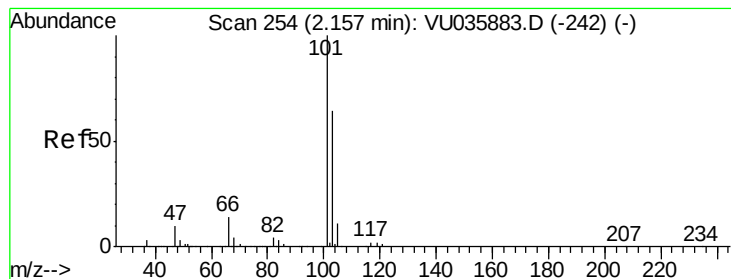
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU112719\
Data File : VU035894.D
Acq On : 27 Nov 2019 14:10
Operator : JC/SP
Sample : K6057-08
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AA7

Quant Time: Nov 29 04:01:52 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Nov 28 04:57:50 2019
Response via : Initial Calibration





#9

Trichlorofluoromethane

Concen: 0.184 ug/L

RT: 2.16 min Scan# 255

Delta R.T. 0.00 min

Lab File: VU035894.D

Acq: 27 Nov 2019 14:10

Instrument :

MSVOA_U

ClientSampleId :

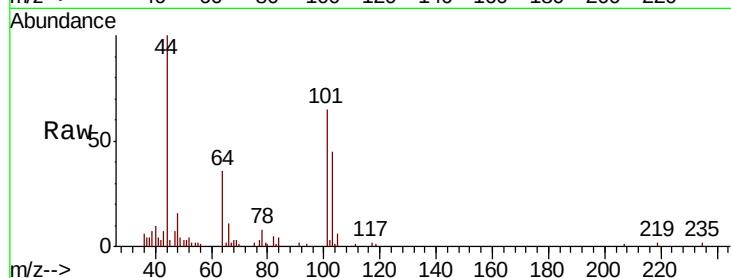
C0AA7

Tot Ion:101 Resp: 8276

Ion Ratio Lower Upper

101 100

103 63.6 49.8 74.6



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V

2.16

6000

5000

4000

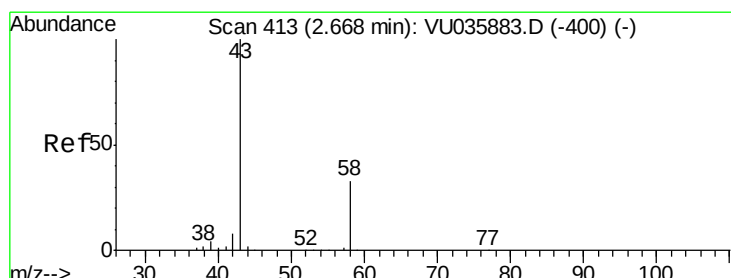
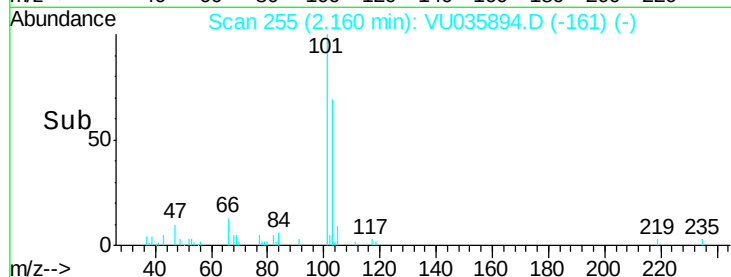
3000

2000

1000

0

Time--> 2.10 2.15 2.20



#13

Acetone

Concen: 2.437 ug/L

RT: 2.67 min Scan# 413

Delta R.T. 0.00 min

Lab File: VU035894.D

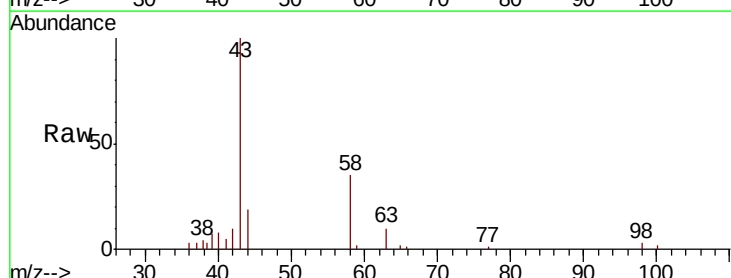
Acq: 27 Nov 2019 14:10

Tgt Ion: 43 Resp: 15025

Ion Ratio Lower Upper

43 100

58 32.0 0.0 61.2



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

2.67

8000

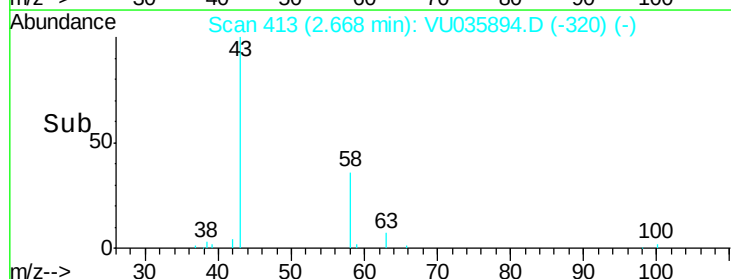
6000

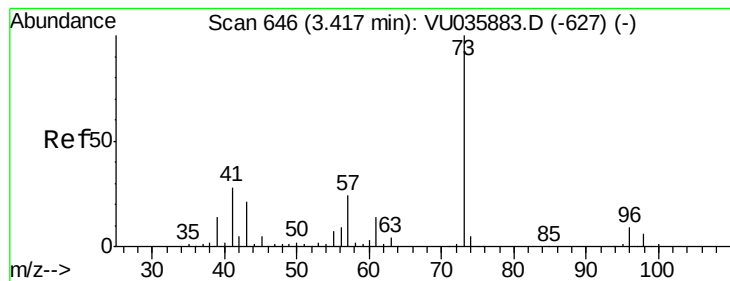
4000

2000

0

Time--> 2.60 2.65 2.70





#17

Methyl tert-butyl Ether

Concen: 0.115 ug/L

RT: 3.42 min Scan# 648

Delta R.T. 0.01 min

Lab File: VU035894.D

Acq: 27 Nov 2019 14:10

Instrument :

MSVOA_U

ClientSampleId :

C0AA7

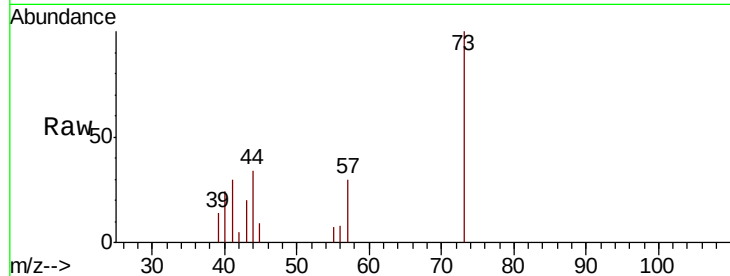
Tot Ion: 73 Resp: 6698

Ion Ratio Lower Upper

73 100

43 13.6 17.4 26.2#

57 29.6 19.4 29.0#

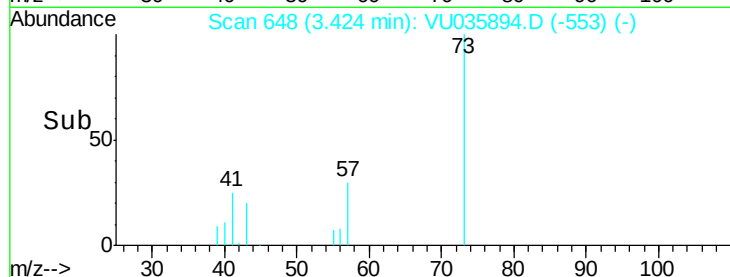


Abundance Ion 73.10 (72.80 to 73.80): VU035883.D (-627) (-)

Ion 43.05 (42.75 to 43.75): VU035883.D (-627) (-)

Ion 57.10 (56.80 to 57.80): VU035883.D (-627) (-)

Time-->

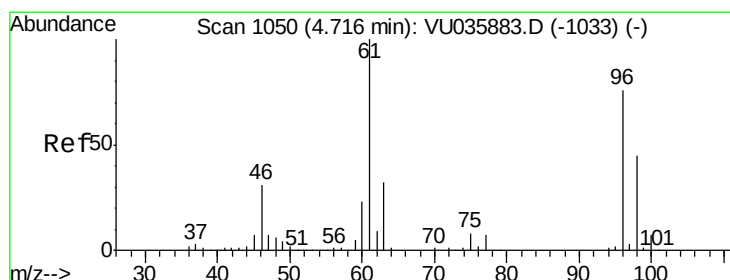


Abundance Ion 73.10 (72.80 to 73.80): VU035894.D (-553) (-)

Ion 43.05 (42.75 to 43.75): VU035894.D (-553) (-)

Ion 57.10 (56.80 to 57.80): VU035894.D (-553) (-)

Time-->



#22

cis-1,2-Dichloroethene

Concen: 0.242 ug/L

RT: 4.73 min Scan# 1053

Delta R.T. 0.01 min

Lab File: VU035894.D

Acq: 27 Nov 2019 14:10

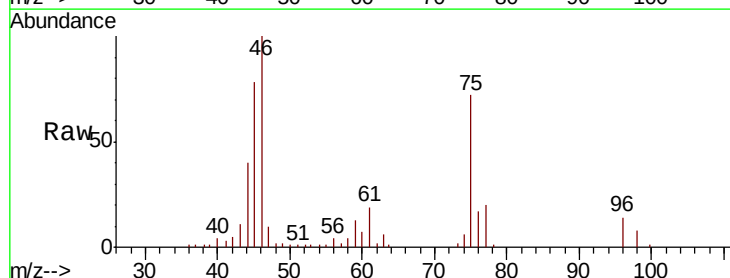
Tgt Ion: 96 Resp: 6404

Ion Ratio Lower Upper

96 100

61 141.1 98.1 182.1

68 0.0 0.0 0.0

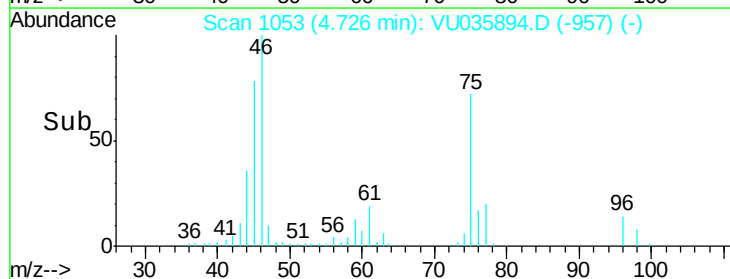


Abundance Ion 96.00 (95.70 to 96.70): VU035883.D (-1033) (-)

Ion 61.05 (60.75 to 61.75): VU035883.D (-1033) (-)

Ion 68.15 (67.85 to 68.85): VU035883.D (-1033) (-)

Time-->

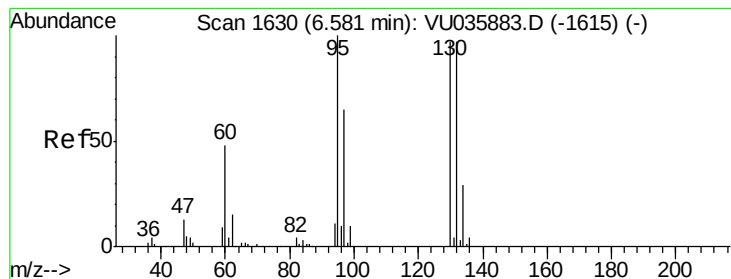


Abundance Ion 96.00 (95.70 to 96.70): VU035894.D (-957) (-)

Ion 61.05 (60.75 to 61.75): VU035894.D (-957) (-)

Ion 68.15 (67.85 to 68.85): VU035894.D (-957) (-)

Time-->



#34

Trichloroethene

Concen: 0.236 ug/L

RT: 6.58 min Scan# 1631

Delta R.T. 0.00 min

Lab File: VU035894.D

Acq: 27 Nov 2019 14:10

Instrument :

MSVOA_U

ClientSampleId :

C0AA7

Tot Ion: 95 Resp: 6697

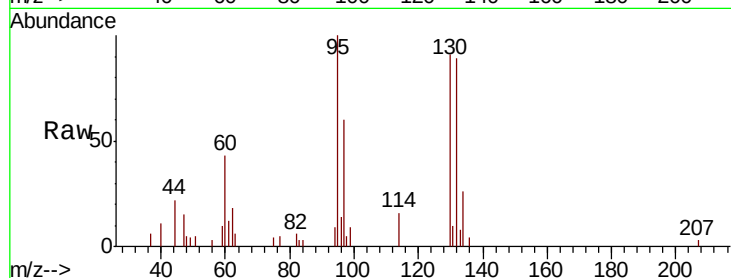
Ion Ratio Lower Upper

95 100

97 59.8 45.1 83.9

132 88.7 61.9 114.9

130 91.1 66.3 123.1

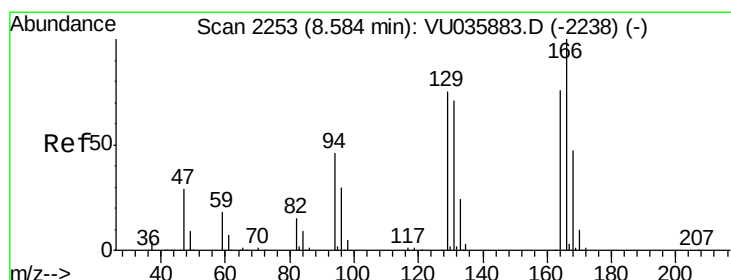
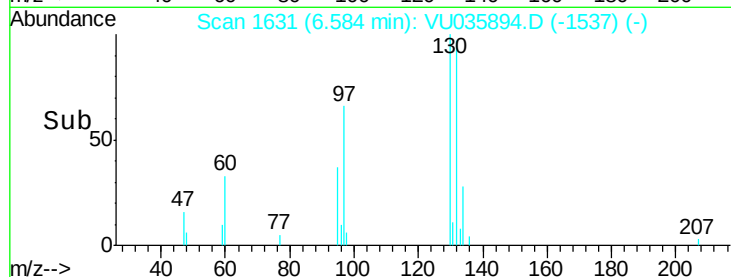
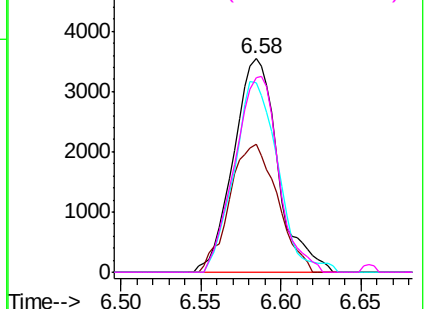


Abundance Ion 95.00 (94.70 to 95.70): VU0

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



#47

Tetrachloroethene

Concen: 23.195 ug/L

RT: 8.58 min Scan# 2253

Delta R.T. 0.00 min

Lab File: VU035894.D

Acq: 27 Nov 2019 14:10

Tgt Ion:164 Resp: 501433

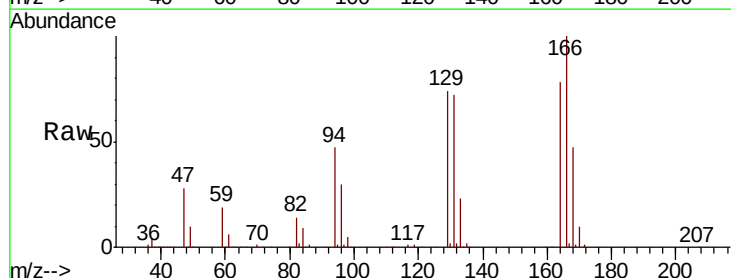
Ion Ratio Lower Upper

164 100

129 95.7 68.8 127.8

131 92.2 67.3 124.9

166 128.8 91.6 170.2



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

