

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U111819\
 Data File : VU035750.D
 Acq On : 18 Nov 2019 17:59
 Operator : JC/SP
 Sample : K5910-13
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GAQJ6

Quant Time: Nov 19 09:10:29 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	189548	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	228565	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.85	152	78022	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	87002	4.46	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.20%
7) Chloroethane-d5	1.93	69	80842	5.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.20%
11) 1,1-Dichloroethene-d2	2.60	63	114370	3.48	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.60%
20) 2-Butanone-d5	4.70	46	220178	51.11	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.22%
24) Chloroform-d	5.11	84	155268	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.80%
26) 1,2-Dichloroethane-d4	5.75	65	86075	5.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.40%
32) Benzene-d6	5.77	84	309979	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.20%
36) 1,2-Dichloropropane-d6	6.74	67	112050	4.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.40%
41) Toluene-d8	7.93	98	261812	3.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.80%
43) trans-1,3-Dichloropropene-	8.22	79	36978	3.98	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.60%
46) 2-Hexanone-d5	8.71	63	147853	40.61	ug/L	0.03
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.22%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	93744	4.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.00%
64) 1,2-Dichlorobenzene-d4	12.23	152	78220	5.06	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.20%

Target Compounds

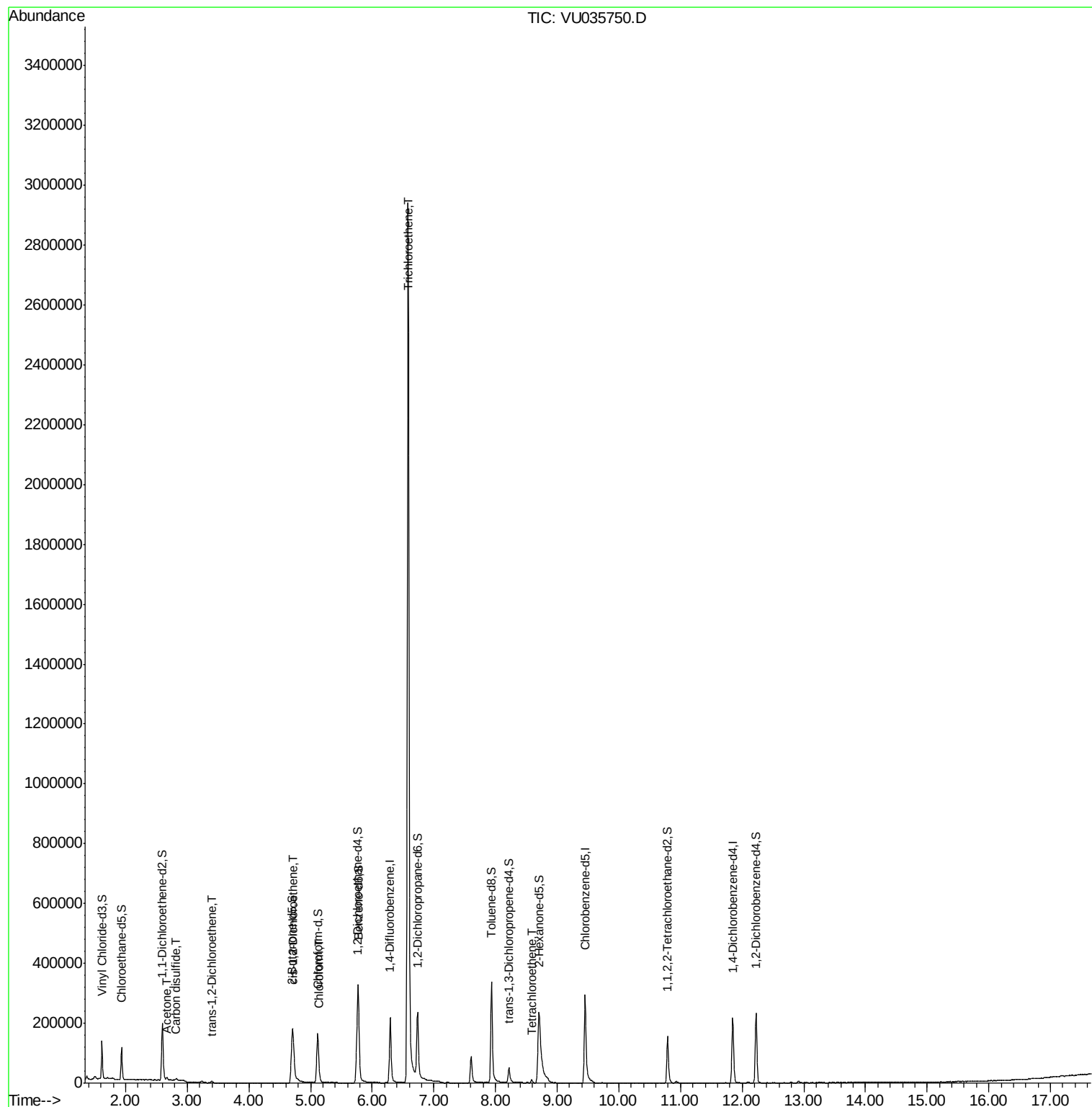
					Ovalue
13) Acetone	2.67	43	8317	2.678 ug/L	95
14) Carbon disulfide	2.82	76	7422	0.137 ug/L #	87
18) trans-1,2-Dichloroethene	3.39	96	2789	0.162 ug/L	84
22) cis-1,2-Dichloroethene	4.72	96	48135	2.540 ug/L	98
25) Chloroform	5.14	83	13413	0.387 ug/L	93
34) Trichloroethene	6.58	95	1072026	52.077 ug/L	98
47) Tetrachloroethene	8.58	164	2908	0.162 ug/L	95

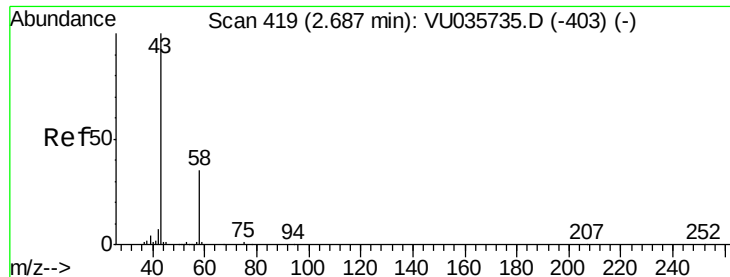
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.678 ug/L

RT: 2.67 min Scan# 415

Delta R.T. -0.01 min

Lab File: VU035750.D

Acq: 18 Nov 2019 17:59

Instrument :

MSVOA_U

ClientSampled :

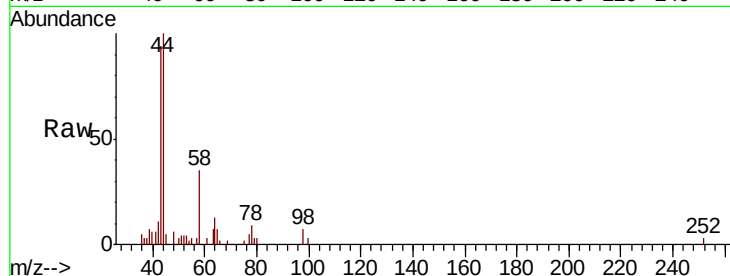
GAQJ6

Tot Ion: 43 Resp: 8317

Ion Ratio Lower Upper

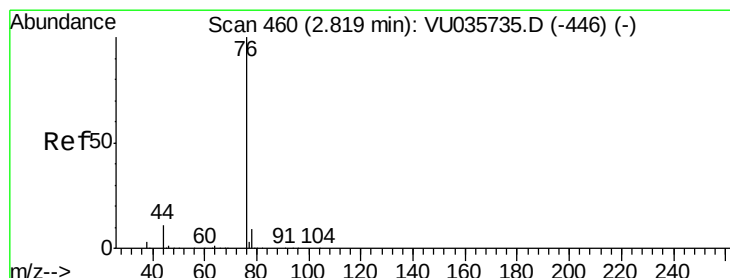
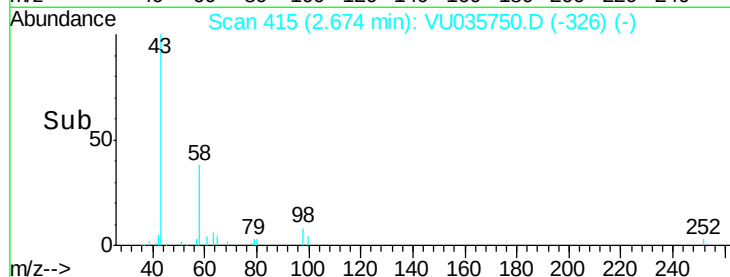
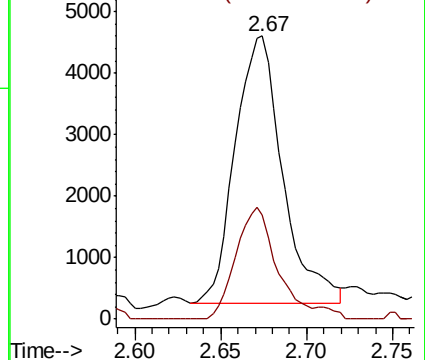
43 100

58 37.8 0.0 69.8



Abundance Ion 43.05 (42.75 to 43.75): VU035750.D (-326) (-)

Ion 58.05 (57.75 to 58.75): VU035750.D (-326) (-)



#14

Carbon disulfide

Concen: 0.137 ug/L

RT: 2.82 min Scan# 461

Delta R.T. 0.00 min

Lab File: VU035750.D

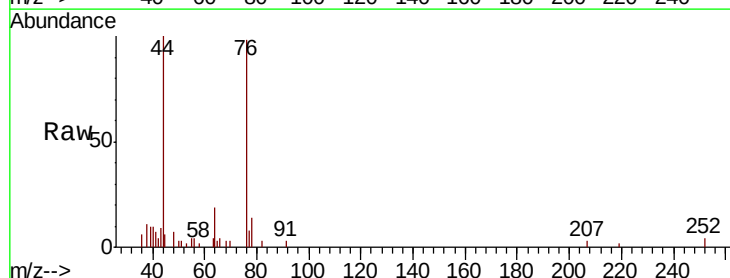
Acq: 18 Nov 2019 17:59

Tgt Ion: 76 Resp: 7422

Ion Ratio Lower Upper

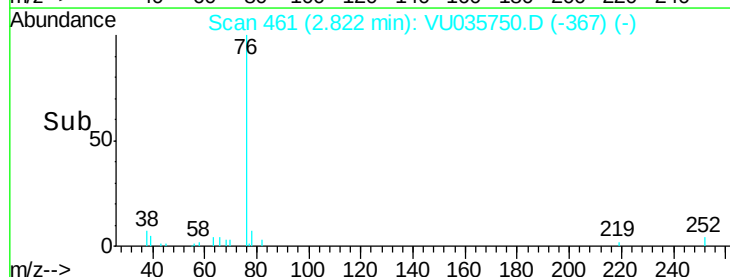
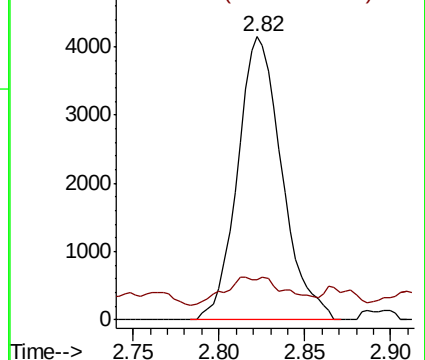
76 100

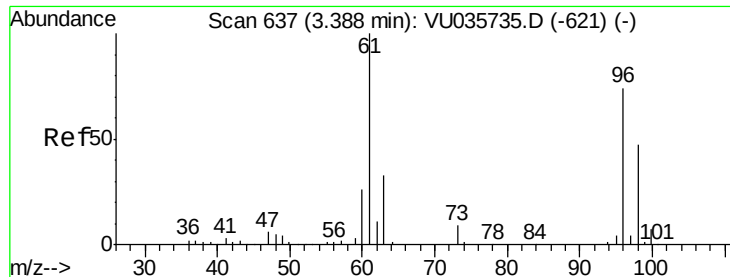
78 14.1 7.4 11.0#



Abundance Ion 76.05 (75.75 to 76.75): VU035750.D (-367) (-)

Ion 78.00 (77.70 to 78.70): VU035750.D (-367) (-)

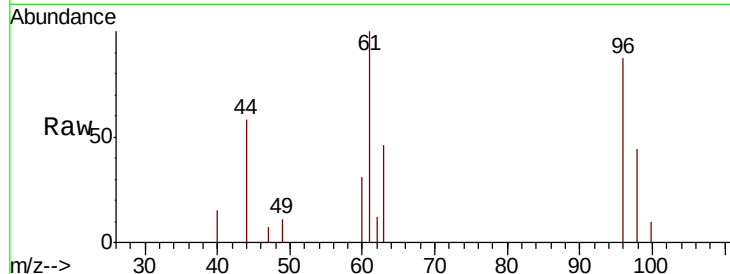




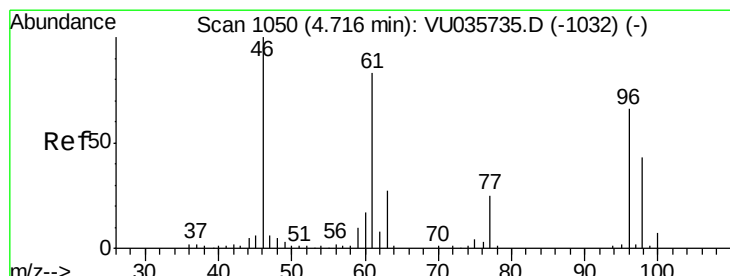
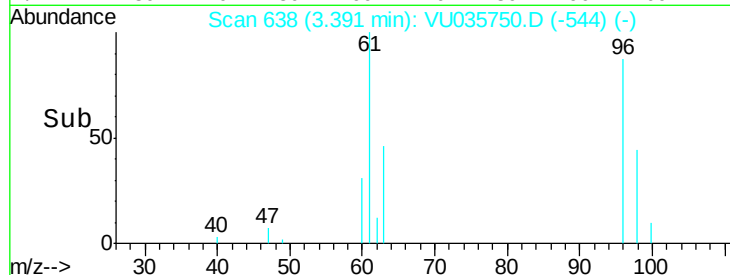
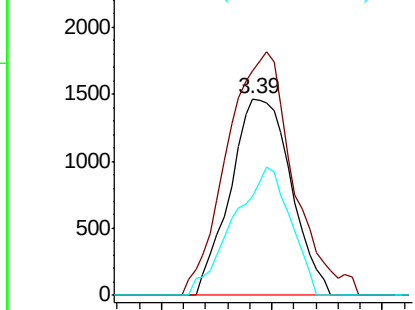
#18
trans-1,2-Dichloroethene
Concen: 0.162 ug/L
RT: 3.39 min Scan# 638
Delta R.T. 0.00 min
Lab File: VU035750.D
Acq: 18 Nov 2019 17:59

Instrument :
MSVOA_U
ClientSampleId :
GAQJ6

Tot Ion: 96 Resp: 2789
Ion Ratio Lower Upper
96 100
61 114.6 95.0 176.4
98 50.7 42.5 78.9

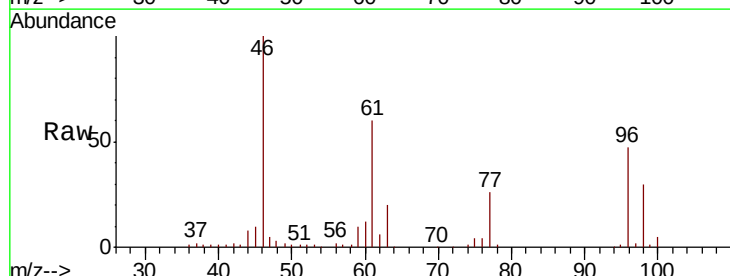


Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.05 (60.75 to 61.75): VU0
Ion 97.95 (97.65 to 98.65): VU0

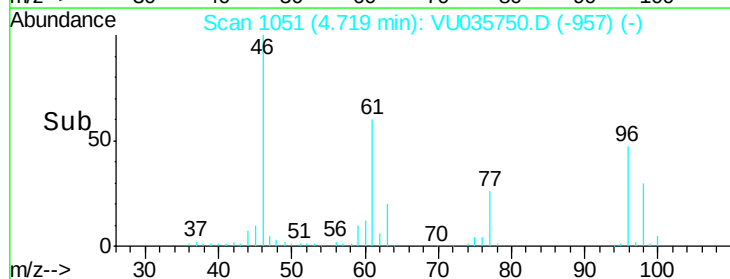
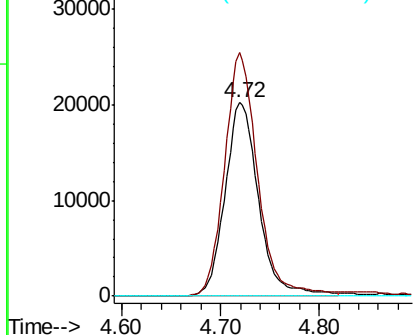


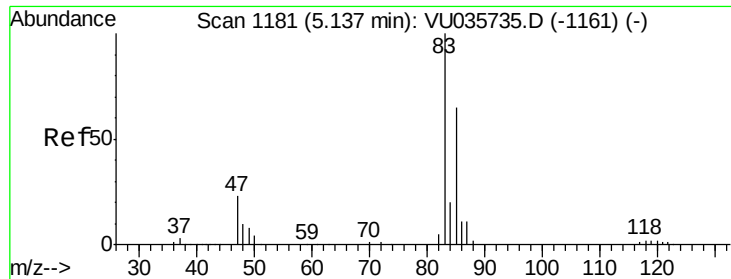
#22
cis-1,2-Dichloroethene
Concen: 2.540 ug/L
RT: 4.72 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VU035750.D
Acq: 18 Nov 2019 17:59

Tgt Ion: 96 Resp: 48135
Ion Ratio Lower Upper
96 100
61 126.1 87.0 161.6
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.05 (60.75 to 61.75): VU0
Ion 68.15 (67.85 to 68.85): VU0





#25

Chloroform

Concen: 0.387 ug/L

RT: 5.14 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VU035750.D

Acq: 18 Nov 2019 17:59

Instrument :

MSVOA_U

ClientSampleId :

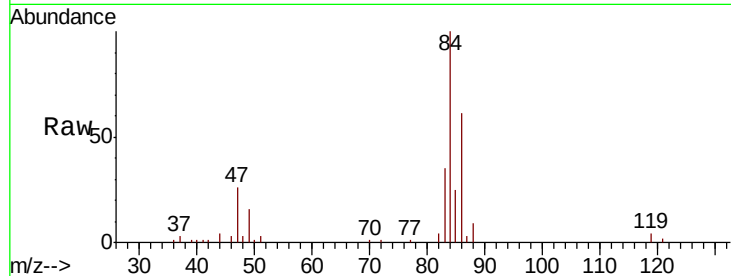
GAQJ6

Tot Ion: 83 Resp: 13413

Ion Ratio Lower Upper

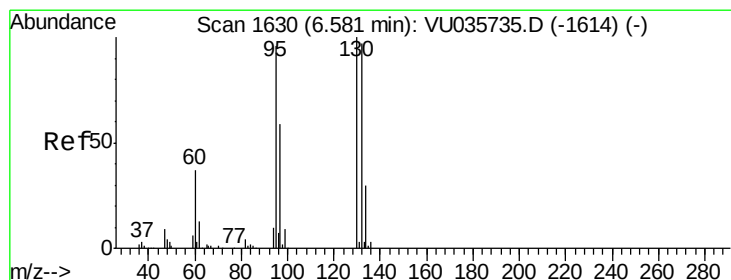
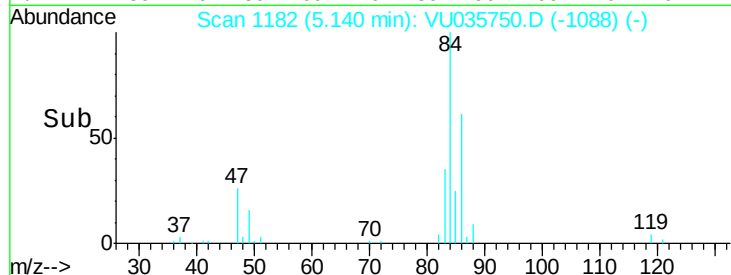
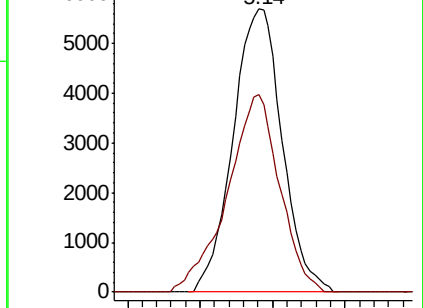
83 100

85 70.0 45.4 84.2



Abundance Ion 83.05 (82.75 to 83.75): VU035735.D (-1161) (-)

Ion 85.00 (84.70 to 85.70): VU035735.D (-1161) (-)



#34

Trichloroethene

Concen: 52.077 ug/L

RT: 6.58 min Scan# 1631

Delta R.T. 0.00 min

Lab File: VU035750.D

Acq: 18 Nov 2019 17:59

Tgt Ion: 95 Resp: 1072026

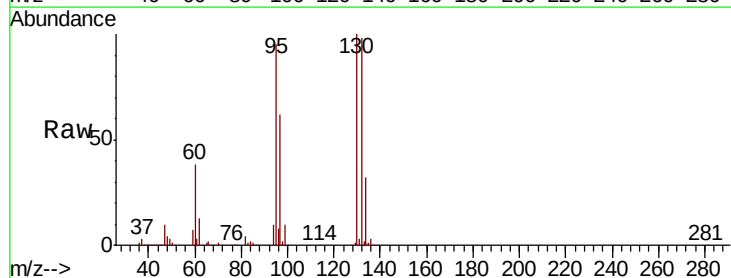
Ion Ratio Lower Upper

95 100

97 65.4 44.5 82.7

132 103.0 69.9 129.7

130 104.7 74.1 137.7

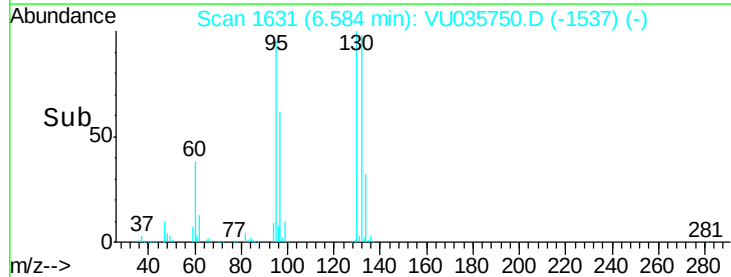
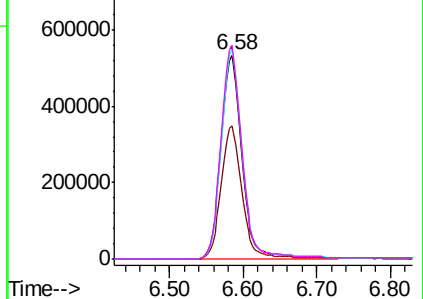


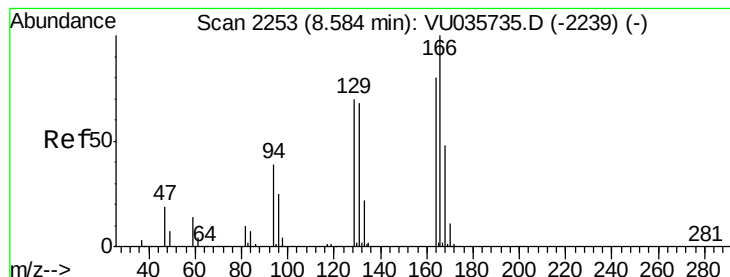
Abundance Ion 95.00 (94.70 to 95.70): VU035735.D (-1614) (-)

Ion 96.95 (96.65 to 97.65): VU035735.D (-1614) (-)

Ion 131.95 (131.65 to 132.65): VU035735.D (-1614) (-)

Ion 129.95 (129.65 to 130.65): VU035735.D (-1614) (-)





#47

Tetrachloroethene

Concen: 0.162 ug/L

RT: 8.58 min Scan# 2253

Delta R.T. -0.00 min

Lab File: VU035750.D

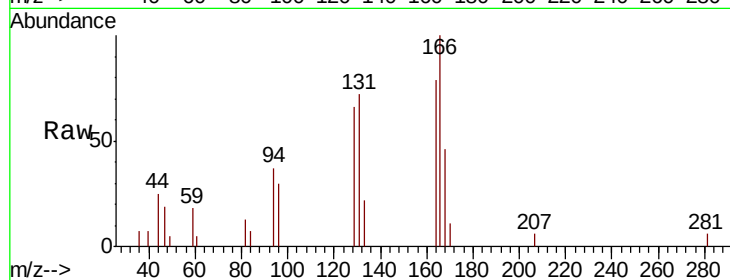
Acq: 18 Nov 2019 17:59

Instrument :

MSVOA_U

ClientSampleId :

GAQJ6



Tot Ion:164 Resp: 2908

Ion Ratio Lower Upper

164 100

129 83.7 64.7 120.1

131 90.7 61.6 114.4

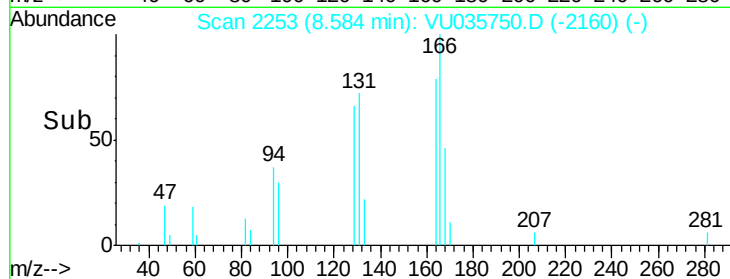
166 125.9 91.8 170.4

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



Time-->

