

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111919\
 Data File : VU035769.D
 Acq On : 19 Nov 2019 14:28
 Operator : JC/SP
 Sample : K5930-08 10X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 B0AA8

Quant Time: Nov 20 02:31:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR110419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Nov 20 00:37:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	200507	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	230622	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	97825	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	80319	3.89	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.80%
7) Chloroethane-d5	1.93	69	78868	4.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.40%
11) 1,1-Dichloroethene-d2	2.59	63	107680	3.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.00%
20) 2-Butanone-d5	4.71	46	259204	56.88	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.76%
24) Chloroform-d	5.11	84	154346	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
26) 1,2-Dichloroethane-d4	5.75	65	88466	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.40%
32) Benzene-d6	5.77	84	313269	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.40%
36) 1,2-Dichloropropane-d6	6.74	67	108806	4.64	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.80%
41) Toluene-d8	7.93	98	247004	3.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.80%
43) trans-1,3-Dichloropropene-	8.22	79	37568	4.01	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.20%
46) 2-Hexanone-d5	8.68	63	188494	51.31	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.62%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	103142	5.24	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.80%
64) 1,2-Dichlorobenzene-d4	12.22	152	97470	5.03	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.60%

Target Compounds

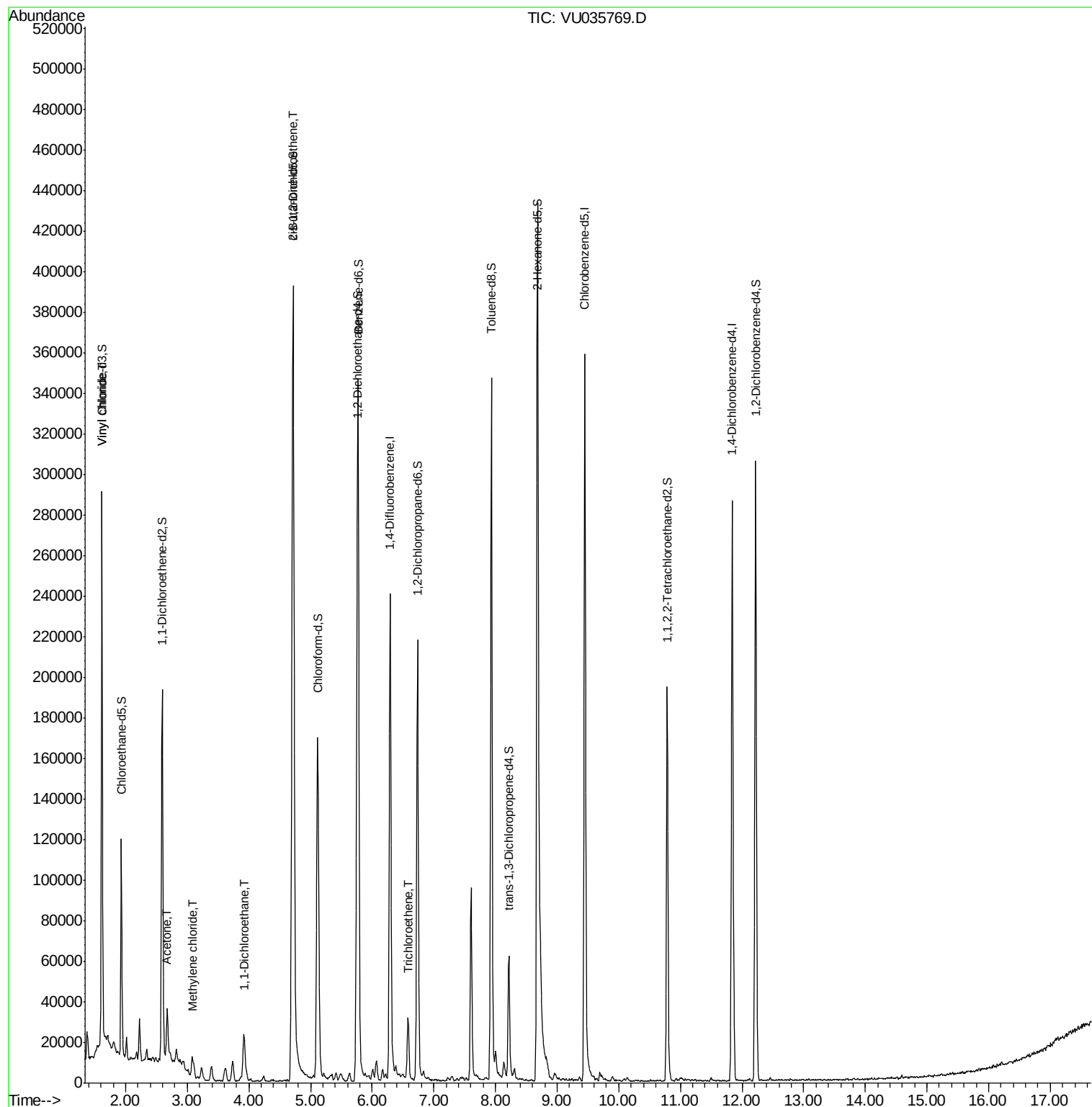
					Ovalue
5) Vinyl chloride	1.62	62	117078	4.593	ug/L 92
13) Acetone	2.67	43	32408	9.865	ug/L 100
16) Methylene chloride	3.08	84	5120	0.245	ug/L 92
19) 1,1-Dichloroethane	3.92	63	26079	0.774	ug/L 98
22) cis-1,2-Dichloroethene	4.72	96	141535	7.060	ug/L 99
34) Trichloroethene	6.58	95	9364	0.451	ug/L 94

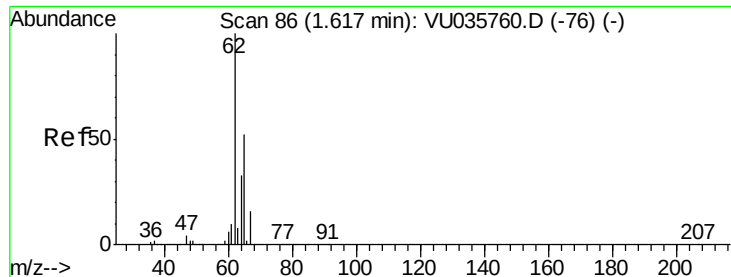
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 4.593 ug/L

RT: 1.62 min Scan# 87

Delta R.T. 0.00 min

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Acq: 19 Nov 2019 14:28

Instrument :

MSVOA_U

ClientSampleId :

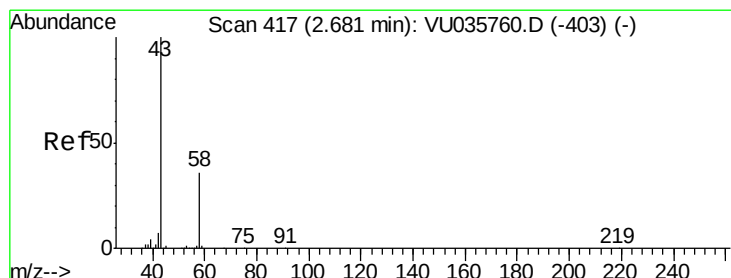
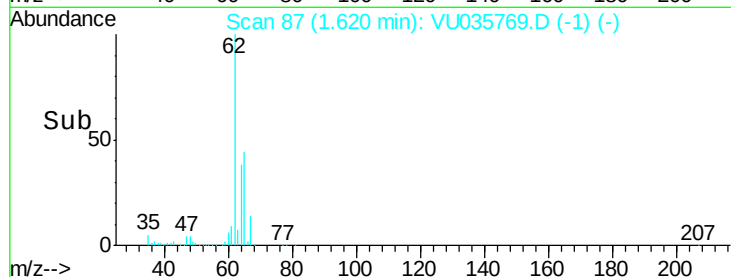
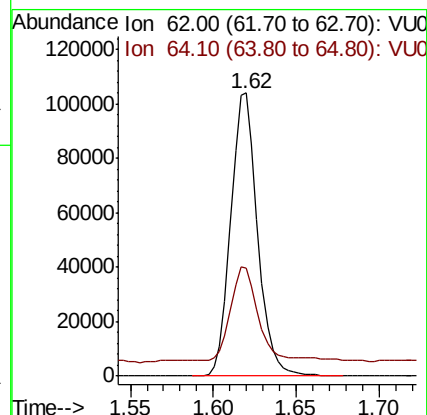
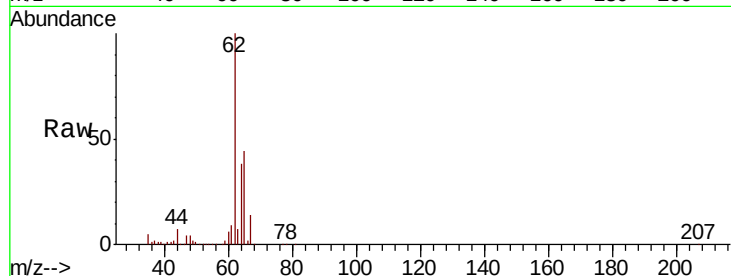
B0AA8

Tot Ion: 62 Resp: 117078

Ion Ratio Lower Upper

62 100

64 38.2 23.5 43.7



#13

Acetone

Concen: 9.865 ug/L

RT: 2.67 min Scan# 415

Delta R.T. -0.01 min

Lab File: VU035769.D

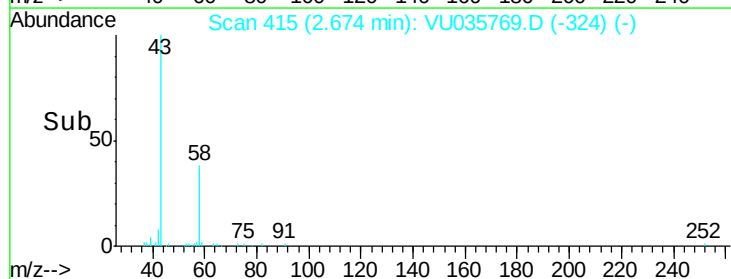
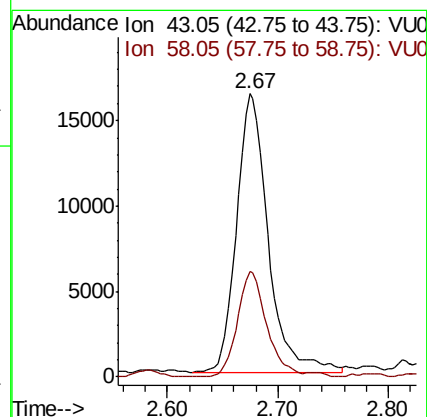
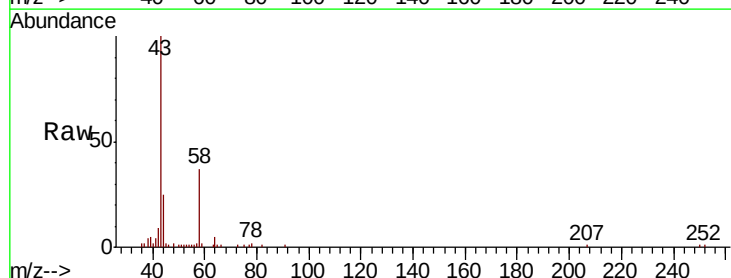
Acq: 19 Nov 2019 14:28

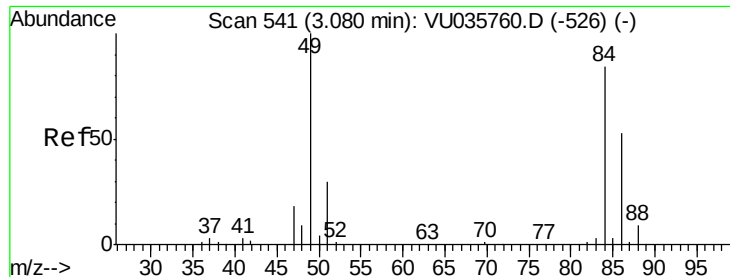
Tgt Ion: 43 Resp: 32408

Ion Ratio Lower Upper

43 100

58 34.9 0.0 69.8

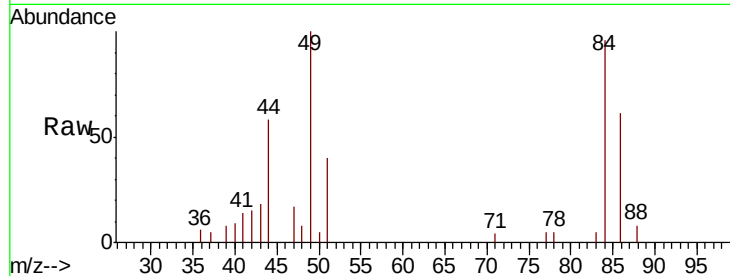




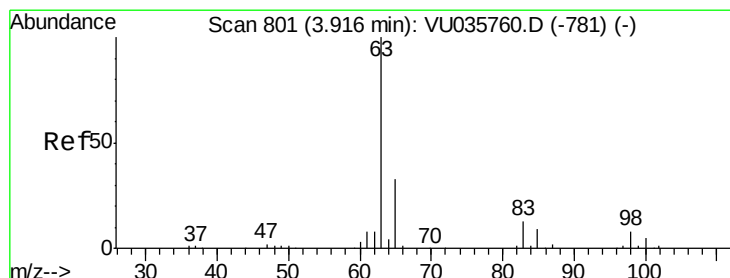
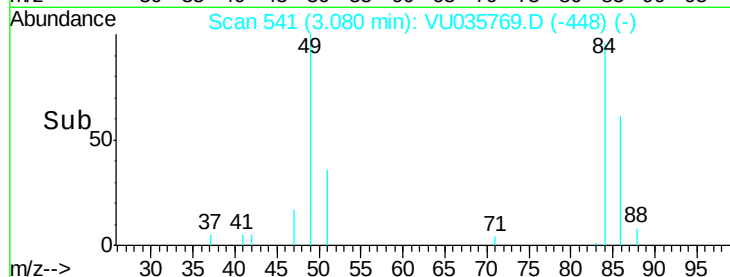
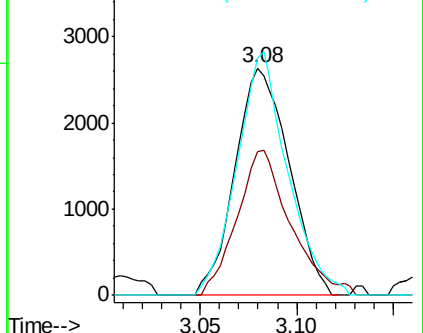
#16
Methylene chloride
Concen: 0.245 ug/L
RT: 3.08 min Scan# 541
Delta R.T. -0.00 min
Lab File: VU035769.D
Acq: 19 Nov 2019 14:28

Instrument :
MSVOA_U
ClientSampleId :
B0AA8

Tot Ion: 84 Resp: 5120
Ion Ratio Lower Upper
84 100
86 63.3 45.8 85.2
49 104.5 81.9 152.1

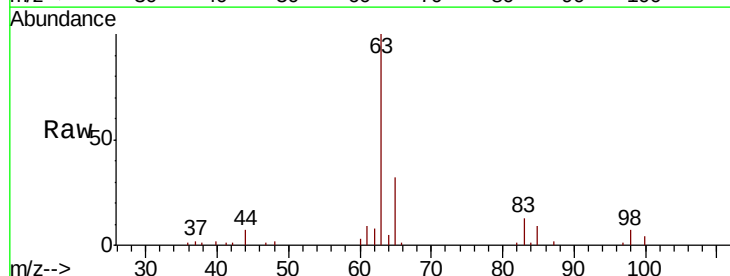


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

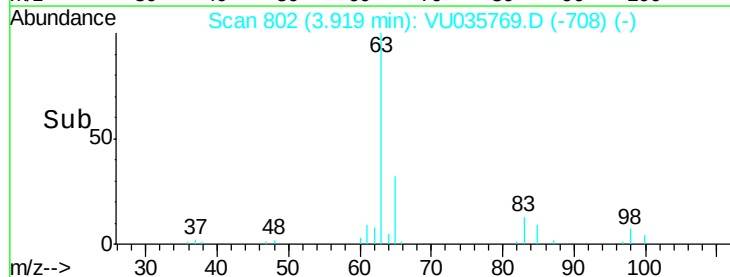
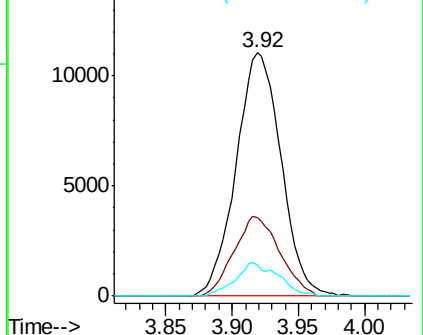


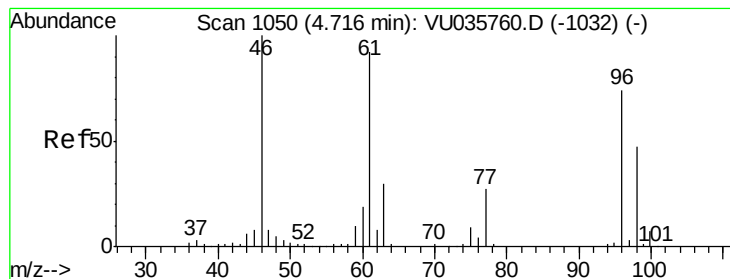
#19
1,1-Dichloroethane
Concen: 0.774 ug/L
RT: 3.92 min Scan# 802
Delta R.T. 0.00 min
Lab File: VU035769.D
Acq: 19 Nov 2019 14:28

Tgt Ion: 63 Resp: 26079
Ion Ratio Lower Upper
63 100
65 32.5 22.0 40.8
83 12.9 9.3 17.3



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 65.10 (64.80 to 65.80): VU0
Ion 83.05 (82.75 to 83.75): VU0





#22

cis-1,2-Dichloroethene

Concen: 7.060 ug/L

RT: 4.72 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VU035769.D

Acq: 19 Nov 2019 14:28

Instrument :

MSVOA_U

ClientSampleId :

B0AA8

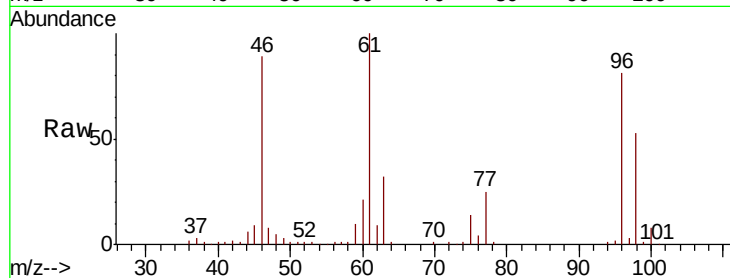
Tot Ion: 96 Resp: 141535

Ion Ratio Lower Upper

96 100

61 123.7 87.0 161.6

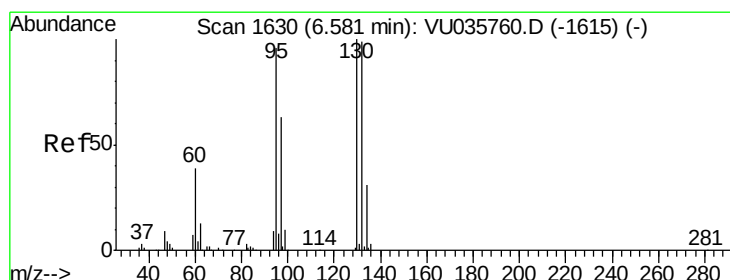
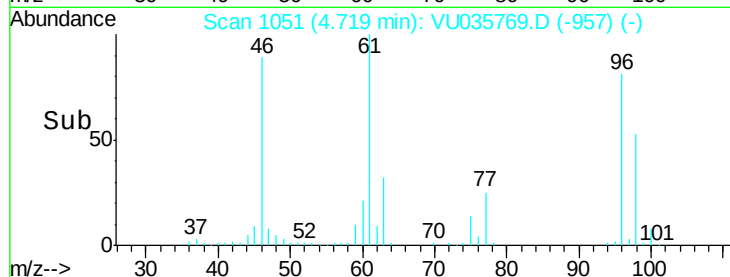
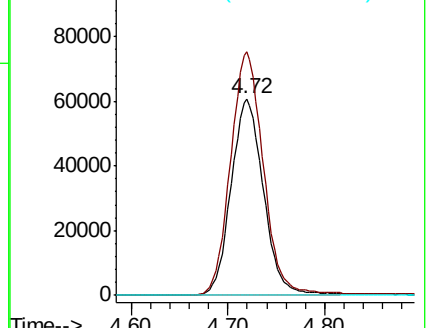
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU035769.D (-957) (-)

Ion 61.05 (60.75 to 61.75): VU035769.D (-957) (-)

Ion 68.15 (67.85 to 68.85): VU035769.D (-957) (-)



#34

Trichloroethene

Concen: 0.451 ug/L

RT: 6.58 min Scan# 1630

Delta R.T. -0.00 min

Lab File: VU035769.D

Acq: 19 Nov 2019 14:28

Tgt Ion: 95 Resp: 9364

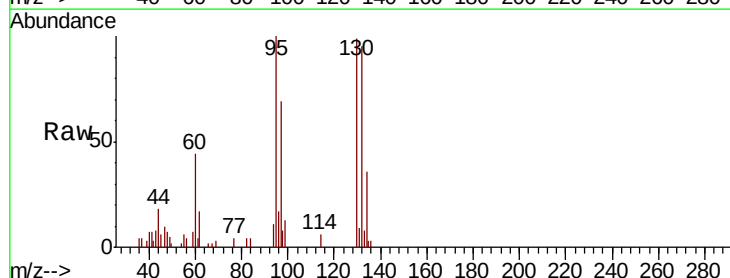
Ion Ratio Lower Upper

95 100

97 68.6 44.5 82.7

132 94.8 69.9 129.7

130 99.3 74.1 137.7



Abundance Ion 95.00 (94.70 to 95.70): VU035769.D (-1537) (-)

Ion 96.95 (96.65 to 97.65): VU035769.D (-1537) (-)

Ion 131.95 (131.65 to 132.65): VU035769.D (-1537) (-)

Ion 129.95 (129.65 to 130.65): VU035769.D (-1537) (-)

