

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U102419\
 Data File : VU035469.D
 Acq On : 24 Oct 2019 19:23
 Operator : JC/SP
 Sample : K5488-05DL 10X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0G39DL

Quant Time: Oct 25 08:10:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 25 07:04:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	214326	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	220583	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	63196	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	47794	3.66	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.20%
7) Chloroethane-d5	1.93	69	51849	4.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.80%
11) 1,1-Dichloroethene-d2	2.59	63	65877	2.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	54.60%#
20) 2-Butanone-d5	4.70	46	236393	62.94	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	125.88%
24) Chloroform-d	5.11	84	118737	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.40%
26) 1,2-Dichloroethane-d4	5.75	65	69551	5.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.20%
32) Benzene-d6	5.77	84	202901	4.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.40%
36) 1,2-Dichloropropane-d6	6.74	67	79087	4.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.80%
41) Toluene-d8	7.93	98	154150	3.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	63.80%#
43) trans-1,3-Dichloropropene-	8.21	79	25639	3.30	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	66.00%
46) 2-Hexanone-d5	8.68	63	141563	41.30	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.60%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	75298	5.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.40%
64) 1,2-Dichlorobenzene-d4	12.22	152	50559	4.39	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.80%

Target Compounds

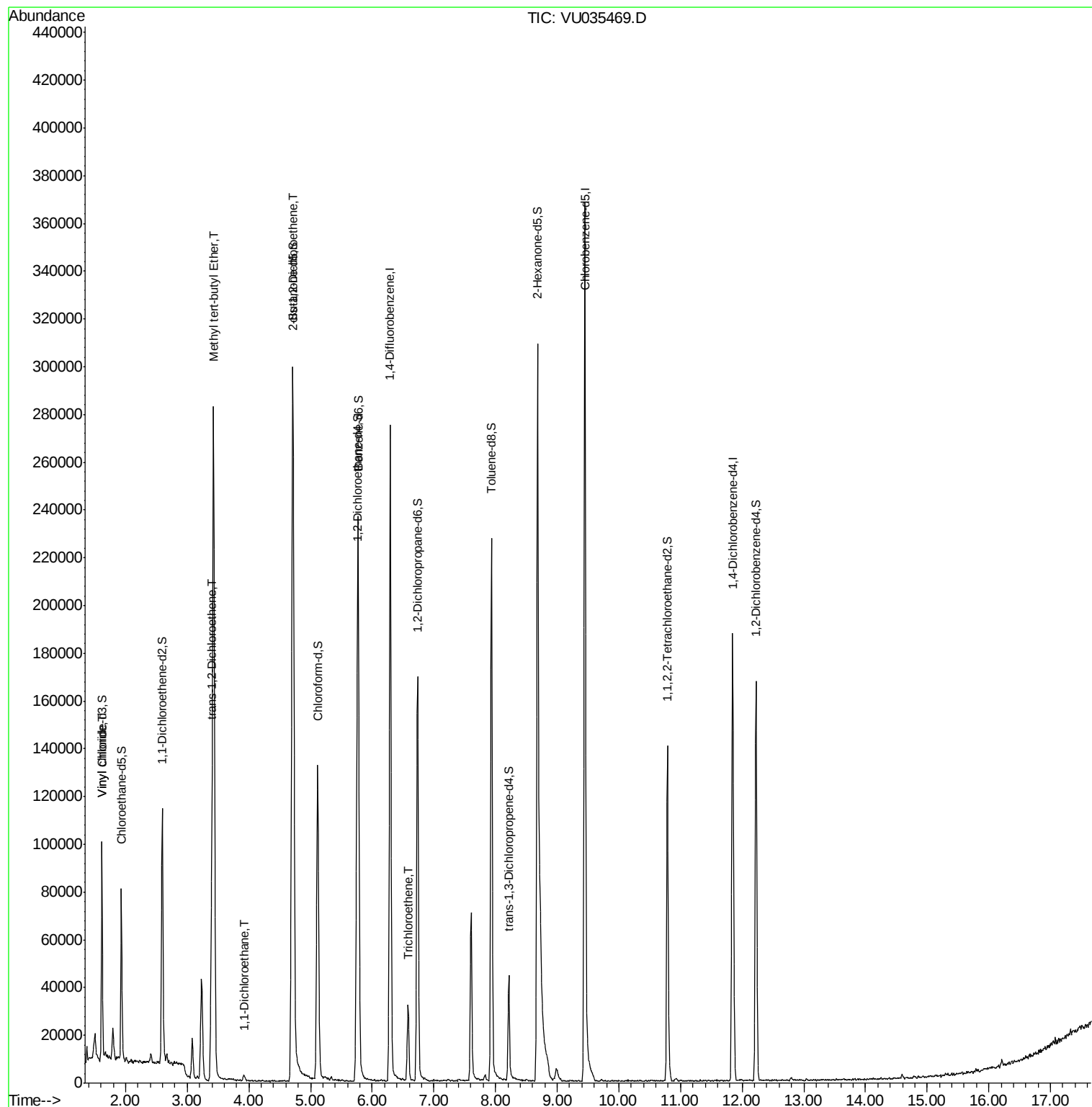
					Ovalue
5) Vinyl chloride	1.62	62	11663	0.628 ug/L #	70
17) Methyl tert-butyl Ether	3.43	73	294900	7.958 ug/L	98
18) trans-1,2-Dichloroethene	3.39	96	22110	1.488 ug/L	89
19) 1,1-Dichloroethane	3.92	63	3143	0.117 ug/L	87
22) cis-1,2-Dichloroethene	4.72	96	92920	5.657 ug/L	92
34) Trichloroethene	6.58	95	10673	0.612 ug/L	90

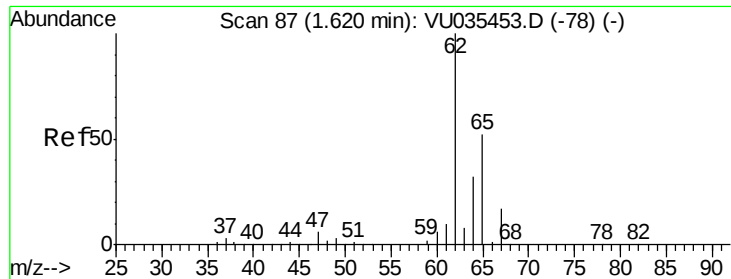
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Oct 25 07:04:30 2019
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.628 ug/L

RT: 1.62 min Scan# 87

Delta R.T. 0.00 min

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Acq: 24 Oct 2019 19:23

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MSVOA_U

ClientSampleId :

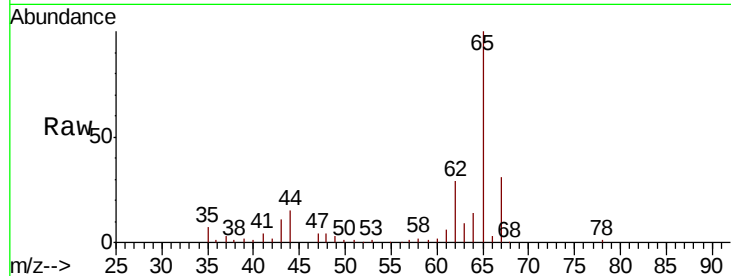
H0G39DL

Tot Ion: 62 Resp: 11663

Ion Ratio Lower Upper

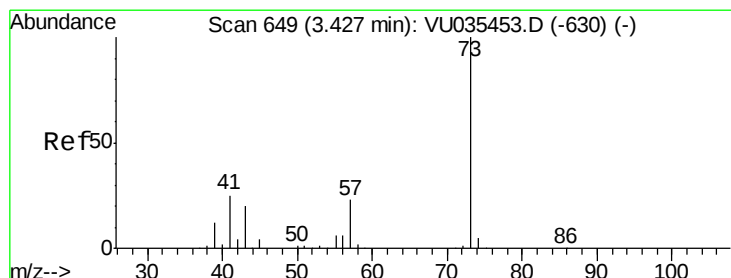
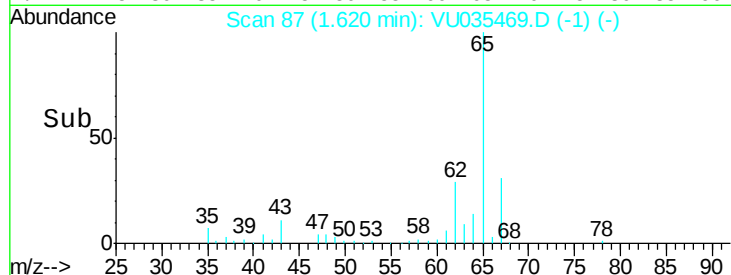
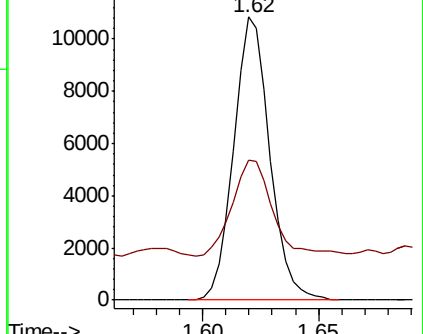
62 100

64 49.6 22.9 42.5#



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.10 (63.80 to 64.80): VU0



#17

Methyl tert-butyl Ether

Concen: 7.958 ug/L

RT: 3.43 min Scan# 649

Delta R.T. 0.00 min

Lab File: VU035469.D

Acq: 24 Oct 2019 19:23

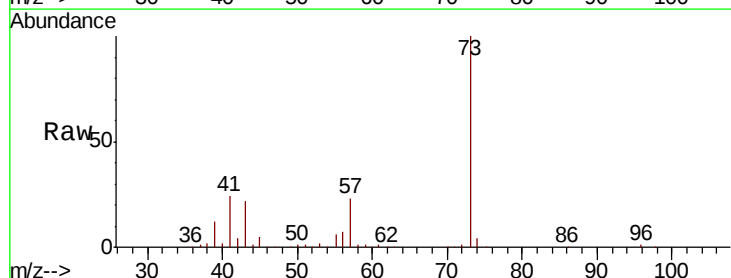
Tgt Ion: 73 Resp: 294900

Ion Ratio Lower Upper

73 100

43 20.9 16.0 24.0

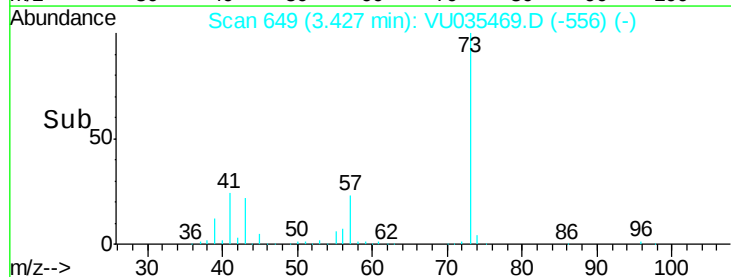
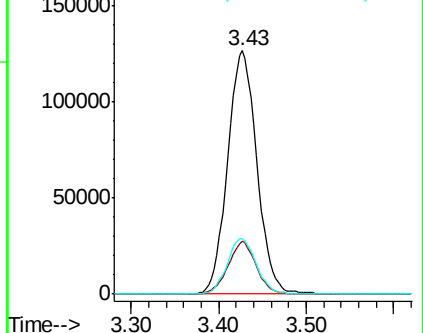
57 22.7 17.4 26.2

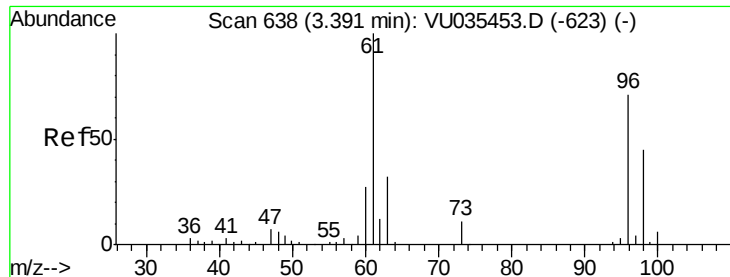


Abundance Ion 73.10 (72.80 to 73.80): VU0

Ion 43.05 (42.75 to 43.75): VU0

Ion 57.10 (56.80 to 57.80): VU0

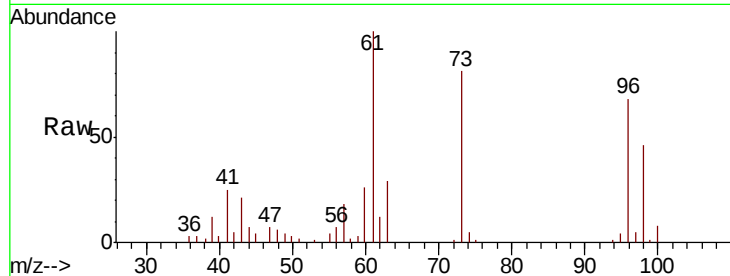




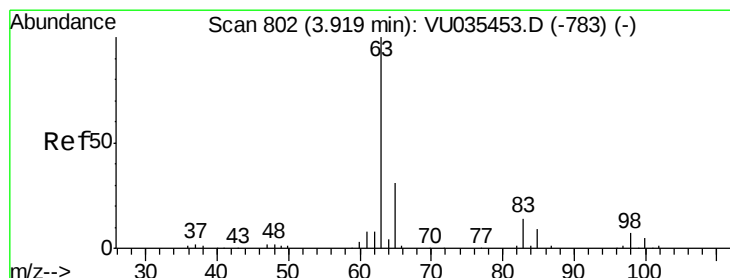
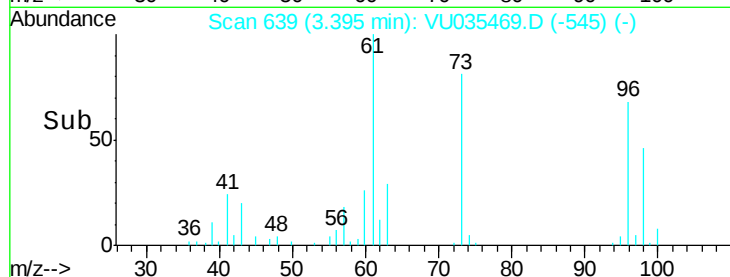
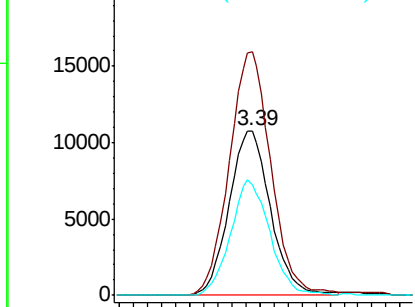
#18
trans-1,2-Dichloroethene
Concen: 1.488 ug/L
RT: 3.39 min Scan# 639
Delta R.T. 0.00 min
Lab File: VU035469.D
Acq: 24 Oct 2019 19:23

Instrument :
MSVOA_U
ClientSampleId :
H0G39DL

Tot Ion: 96 Resp: 22110
Ion Ratio Lower Upper
96 100
61 147.7 93.0 172.6
98 67.2 43.7 81.1

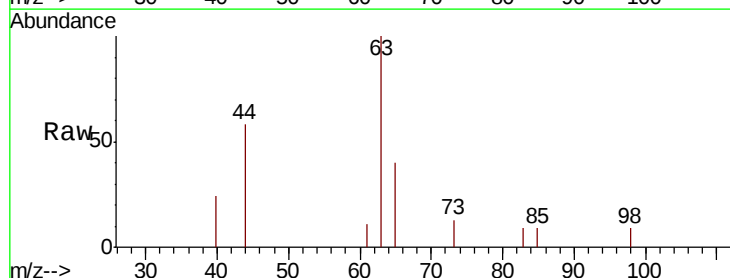


Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.05 (60.75 to 61.75): VU0
Ion 97.95 (97.65 to 98.65): VU0

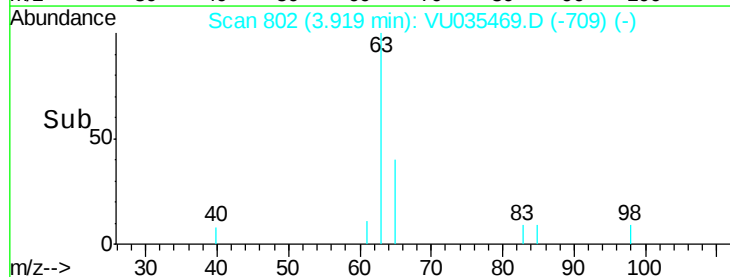
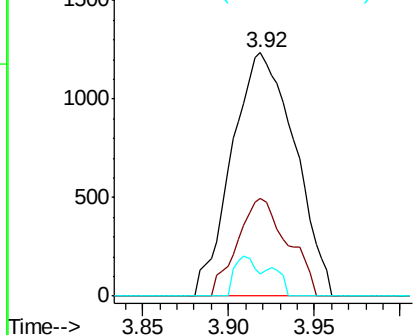


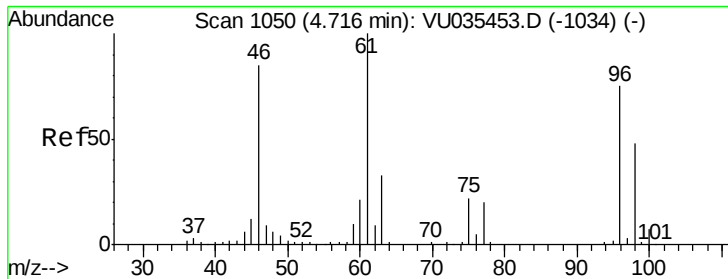
#19
1,1-Dichloroethane
Concen: 0.117 ug/L
RT: 3.92 min Scan# 802
Delta R.T. 0.00 min
Lab File: VU035469.D
Acq: 24 Oct 2019 19:23

Tgt Ion: 63 Resp: 3143
Ion Ratio Lower Upper
63 100
65 40.2 22.4 41.6
83 9.3 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: 5.657 ug/L

RT: 4.72 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VU035469.D

Acq: 24 Oct 2019 19:23

Instrument :

MSVOA_U

ClientSampleId :

H0G39DL

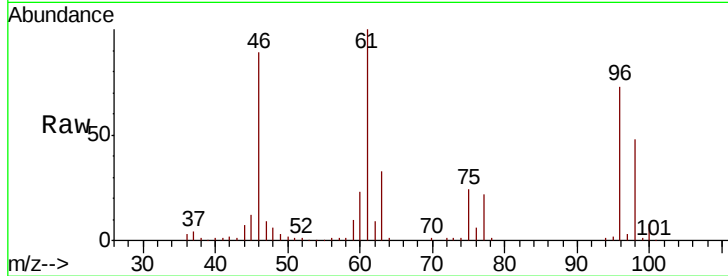
Tot Ion: 96 Resp: 92920

Ion Ratio Lower Upper

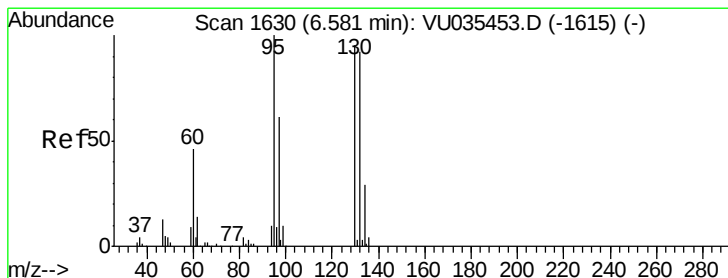
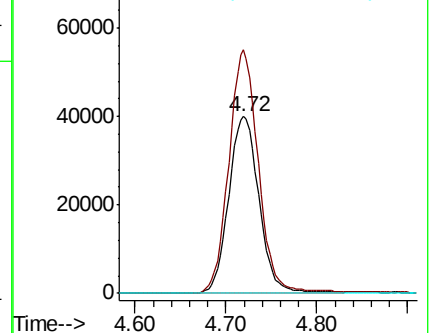
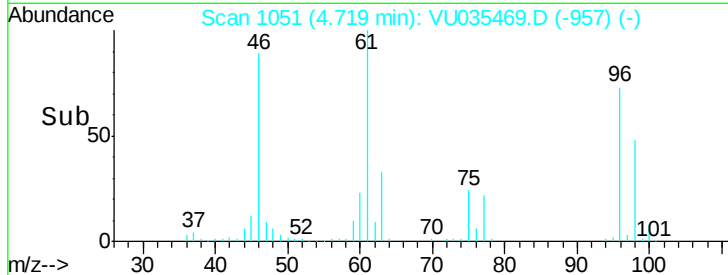
96 100

61 137.7 89.7 166.5

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU035469.D (-957) (-)



#34

Trichloroethene

Concen: 0.612 ug/L

RT: 6.58 min Scan# 1631

Delta R.T. 0.00 min

Lab File: VU035469.D

Acq: 24 Oct 2019 19:23

Tgt Ion: 95 Resp: 10673

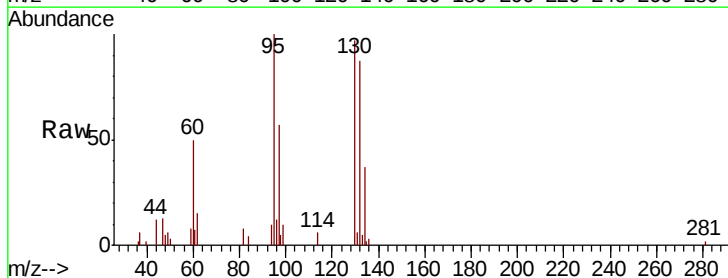
Ion Ratio Lower Upper

95 100

97 56.6 46.6 86.6

132 87.1 68.7 127.7

130 96.8 73.9 137.3



Abundance Ion 95.00 (94.70 to 95.70): VU035469.D (-1537) (-)

