

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U112719\
 Data File : VU035899.D
 Acq On : 27 Nov 2019 16:10
 Operator : JC/SP
 Sample : K5992-06DL 400X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GARE7DL

Quant Time: Nov 29 04:11:25 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	225901	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	264504	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	75692	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	130510	4.42	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.40%
7) Chloroethane-d5	1.93	69	124249	4.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.20%
11) 1,1-Dichloroethene-d2	2.59	63	164976	3.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.20%
20) 2-Butanone-d5	4.69	46	208426	30.52	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	61.04%
24) Chloroform-d	5.11	84	208835	4.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.60%
26) 1,2-Dichloroethane-d4	5.75	65	125455	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.40%
32) Benzene-d6	5.77	84	432703	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.80%
36) 1,2-Dichloropropane-d6	6.73	67	151628	4.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.20%
41) Toluene-d8	7.93	98	346302	3.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.40%
43) trans-1,3-Dichloropropene-	8.22	79	49969	3.77	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.40%
46) 2-Hexanone-d5	8.69	63	226665	42.62	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.24%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	120960	4.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.40%
64) 1,2-Dichlorobenzene-d4	12.22	152	81846	4.98	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.60%

Target Compounds

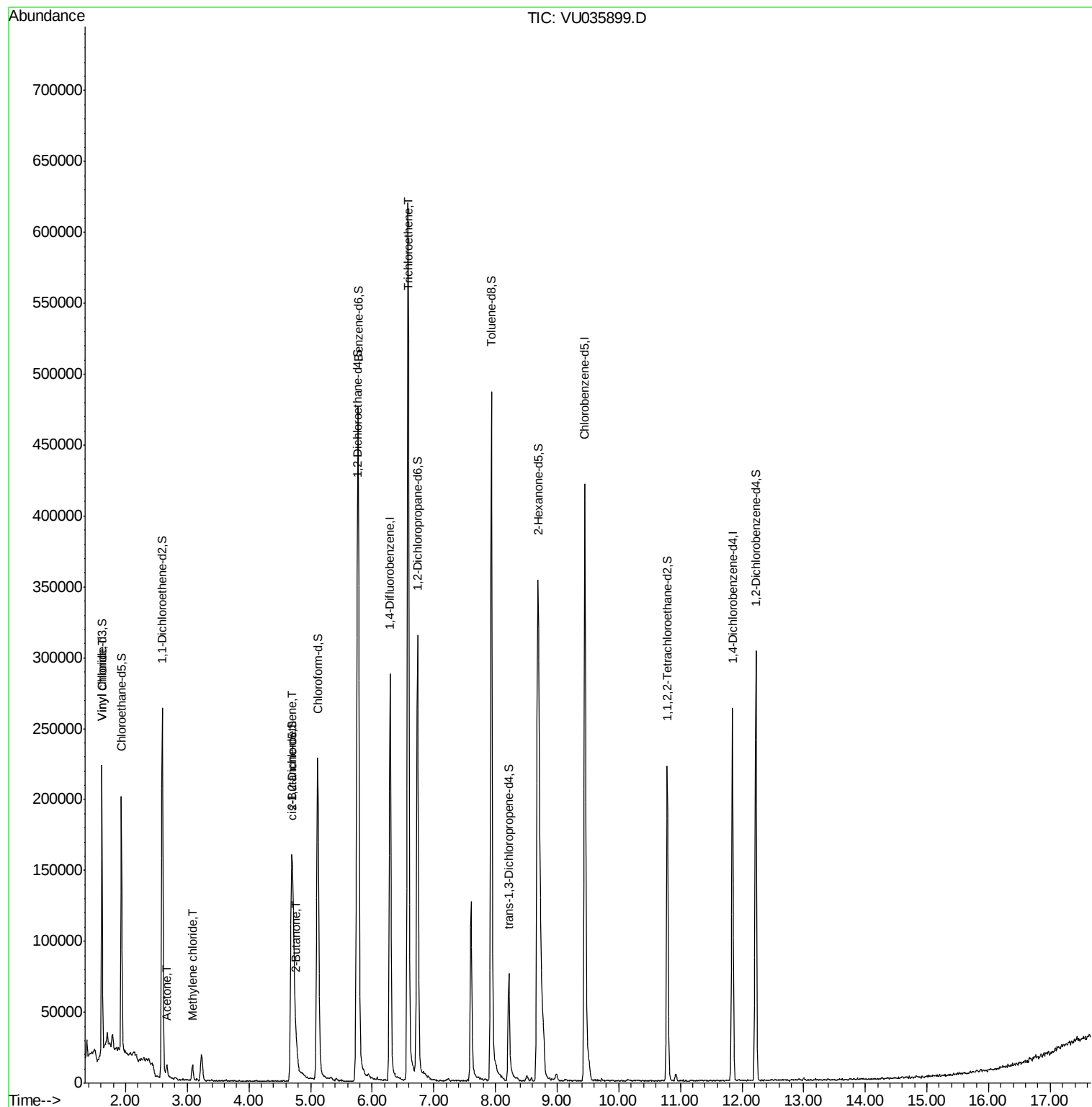
					Ovalue
5) Vinyl chloride	1.62	62	7056	0.187 ug/L #	1
13) Acetone	2.67	43	9972	1.663 ug/L	93
16) Methylene chloride	3.09	84	5105	0.180 ug/L	86
21) 2-Butanone	4.76	43	28473	3.751 ug/L #	73
22) cis-1,2-Dichloroethene	4.72	96	21635	0.839 ug/L	95
34) Trichloroethene	6.58	95	224234	8.284 ug/L	97

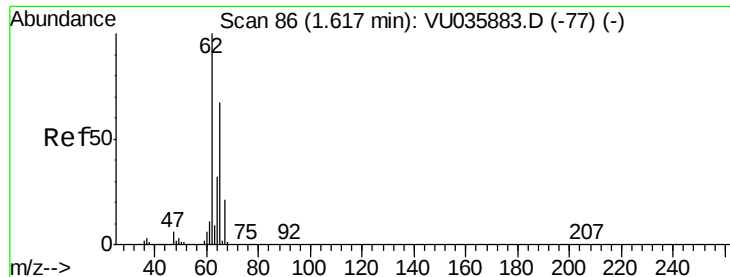
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.187 ug/L

RT: 1.62 min Scan# 87

Delta R.T. 0.00 min

Lab File: VU035899.D

Acq: 27 Nov 2019 16:10

Instrument :

MSVOA_U

ClientSampleId :

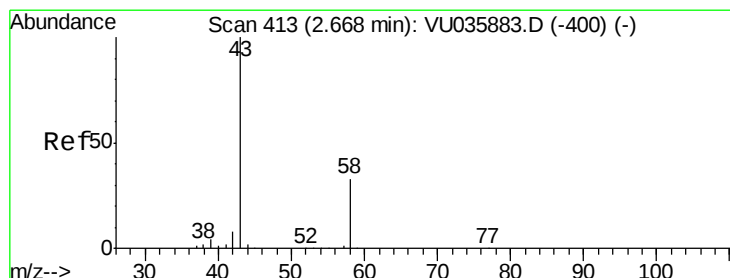
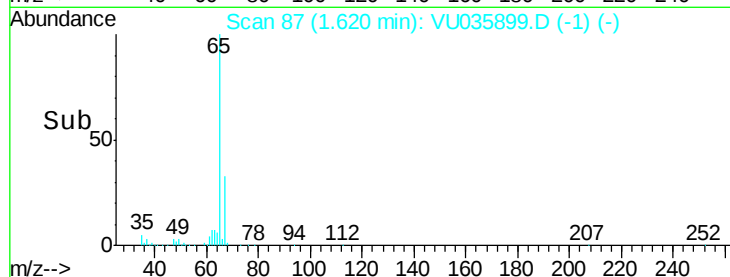
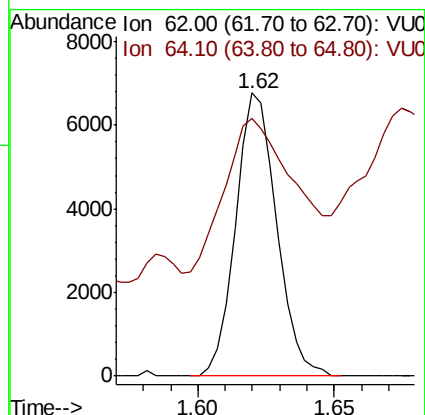
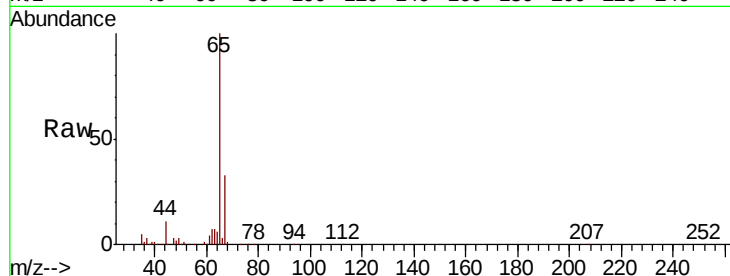
GARE7DL

Tot Ion: 62 Resp: 7056

Ion Ratio Lower Upper

62 100

64 91.0 22.5 41.9#



#13

Acetone

Concen: 1.663 ug/L

RT: 2.67 min Scan# 414

Delta R.T. 0.00 min

Lab File: VU035899.D

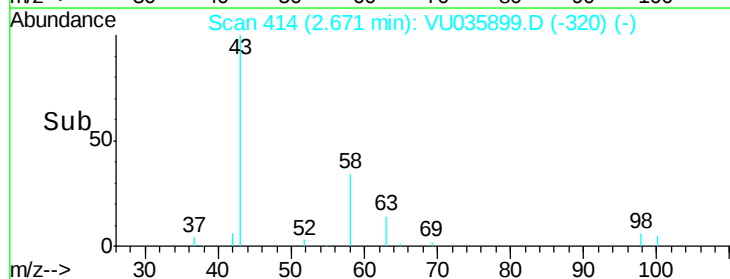
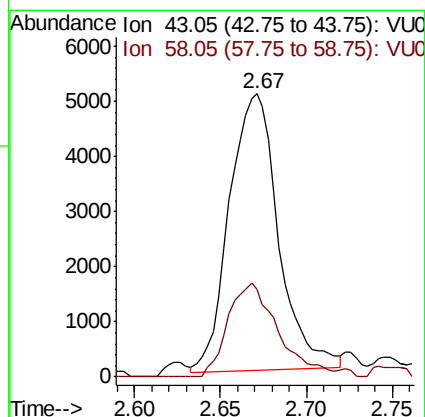
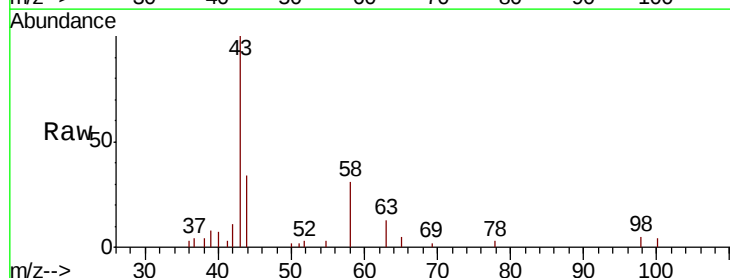
Acq: 27 Nov 2019 16:10

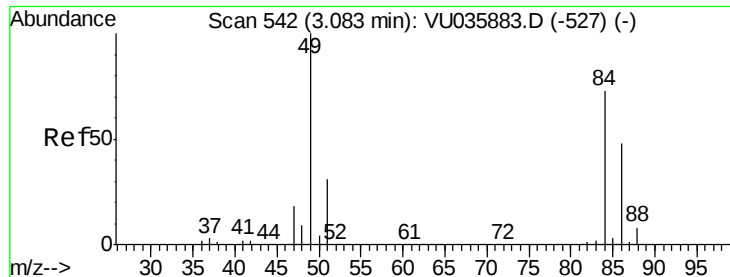
Tgt Ion: 43 Resp: 9972

Ion Ratio Lower Upper

43 100

58 34.5 0.0 61.2

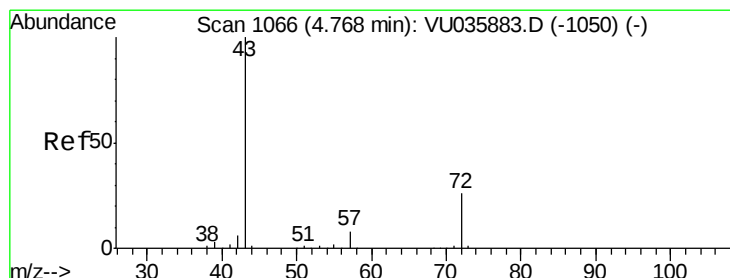
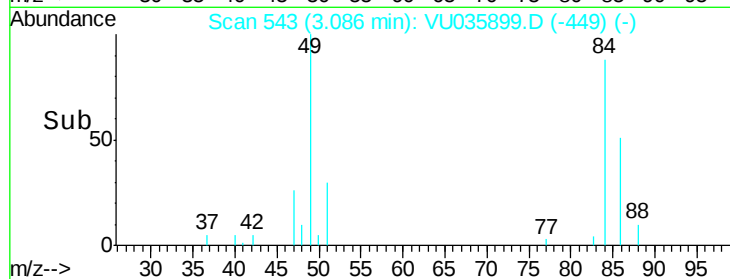
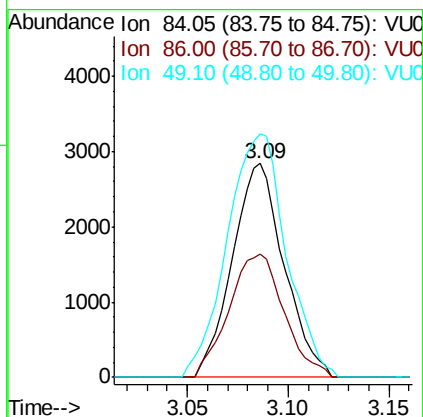
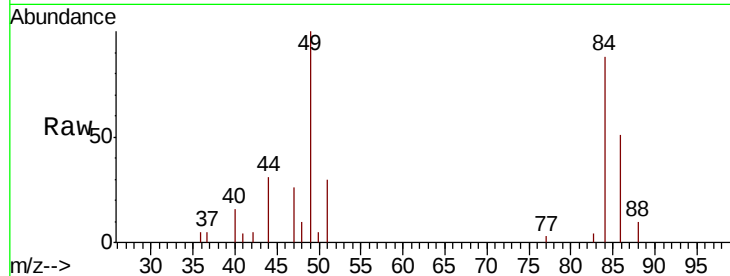




#16
Methvlene chloride
Concen: 0.180 ug/L
RT: 3.09 min Scan# 543
Delta R.T. 0.00 min
Lab File: VU035899.D
Acq: 27 Nov 2019 16:10

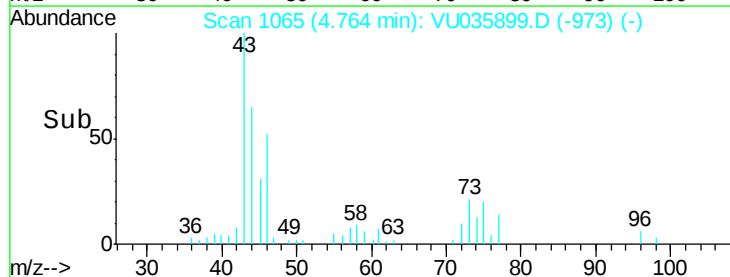
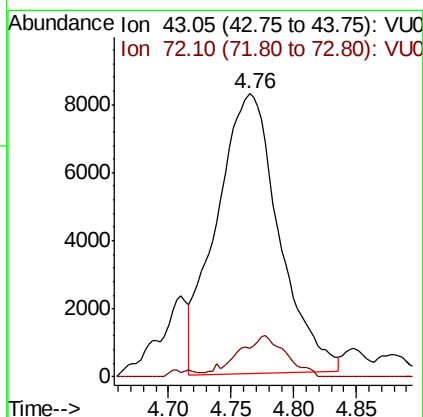
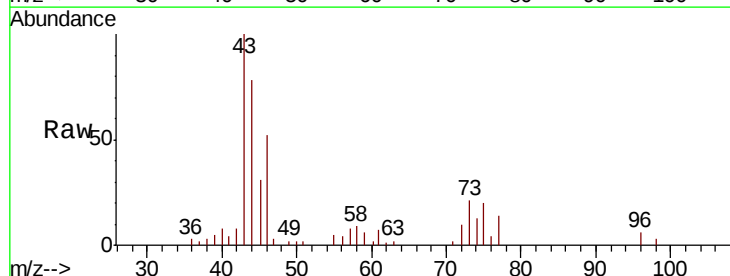
Instrument :
MSVOA_U
ClientSampled :
GARE7DL

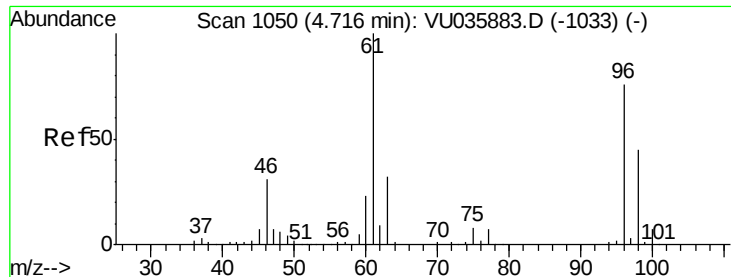
Tot Ion: 84 Resp: 5105
Ion Ratio Lower Upper
84 100
86 57.7 44.4 82.5
49 113.9 94.0 174.6



#21
2-Butanone
Concen: 3.751 ug/L
RT: 4.76 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VU035899.D
Acq: 27 Nov 2019 16:10

Tgt Ion: 43 Resp: 28473
Ion Ratio Lower Upper
43 100
72 11.4 12.4 37.4#





#22

cis-1,2-Dichloroethene

Concen: 0.839 ug/L

RT: 4.72 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VU035899.D

Acq: 27 Nov 2019 16:10

Instrument :

MSVOA_U

ClientSampleId :

GARE7DL

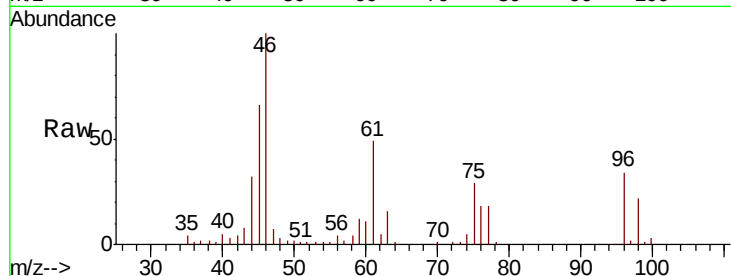
Tot Ion: 96 Resp: 21635

Ion Ratio Lower Upper

96 100

61 146.2 98.1 182.1

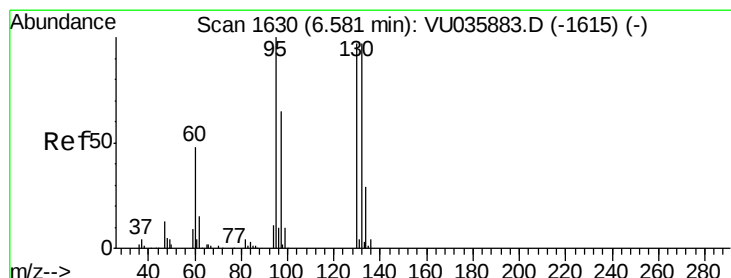
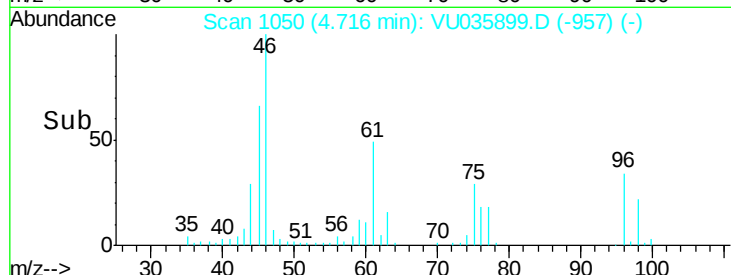
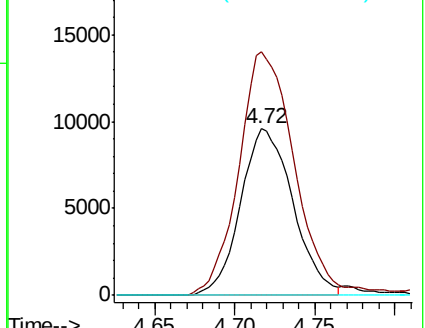
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU035899.D (-957) (-)

Ion 61.05 (60.75 to 61.75): VU035899.D (-957) (-)

Ion 68.15 (67.85 to 68.85): VU035899.D (-957) (-)



#34

Trichloroethene

Concen: 8.284 ug/L

RT: 6.58 min Scan# 1631

Delta R.T. 0.00 min

Lab File: VU035899.D

Acq: 27 Nov 2019 16:10

Tgt Ion: 95 Resp: 224234

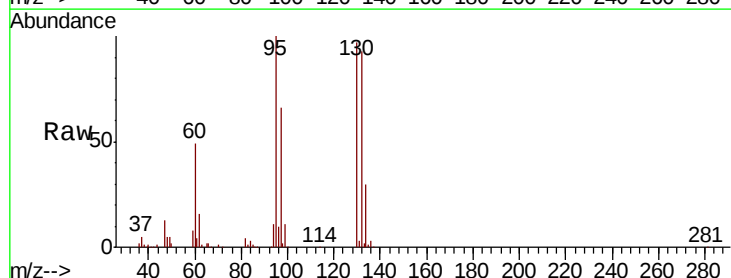
Ion Ratio Lower Upper

95 100

97 65.6 45.1 83.9

132 92.8 61.9 114.9

130 96.9 66.3 123.1



Abundance Ion 95.00 (94.70 to 95.70): VU035899.D (-1537) (-)

Ion 96.95 (96.65 to 97.65): VU035899.D (-1537) (-)

Ion 131.95 (131.65 to 132.65): VU035899.D (-1537) (-)

Ion 129.95 (129.65 to 130.65): VU035899.D (-1537) (-)

