

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U112119\
 Data File : VU035801.D
 Acq On : 21 Nov 2019 14:21
 Operator : JC/SP
 Sample : K5930-03 10X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 B0AA3

Quant Time: Nov 22 02:05:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Nov 22 01:33:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	250292	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	288103	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.85	152	91365	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	155559	4.76	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.20%
7) Chloroethane-d5	1.93	69	139181	4.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.40%
11) 1,1-Dichloroethene-d2	2.59	63	223902	3.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.60%
20) 2-Butanone-d5	4.70	46	363578	48.05	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.10%
24) Chloroform-d	5.11	84	260182	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
26) 1,2-Dichloroethane-d4	5.75	65	154097	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.20%
32) Benzene-d6	5.77	84	528205	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
36) 1,2-Dichloropropane-d6	6.73	67	182773	4.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.80%
41) Toluene-d8	7.93	98	442383	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.20%
43) trans-1,3-Dichloropropene-	8.22	79	62202	4.31	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.20%
46) 2-Hexanone-d5	8.70	63	224883	38.82	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	77.64%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	137628	4.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.20%
64) 1,2-Dichlorobenzene-d4	12.23	152	109490	5.52	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.40%

Target Compounds

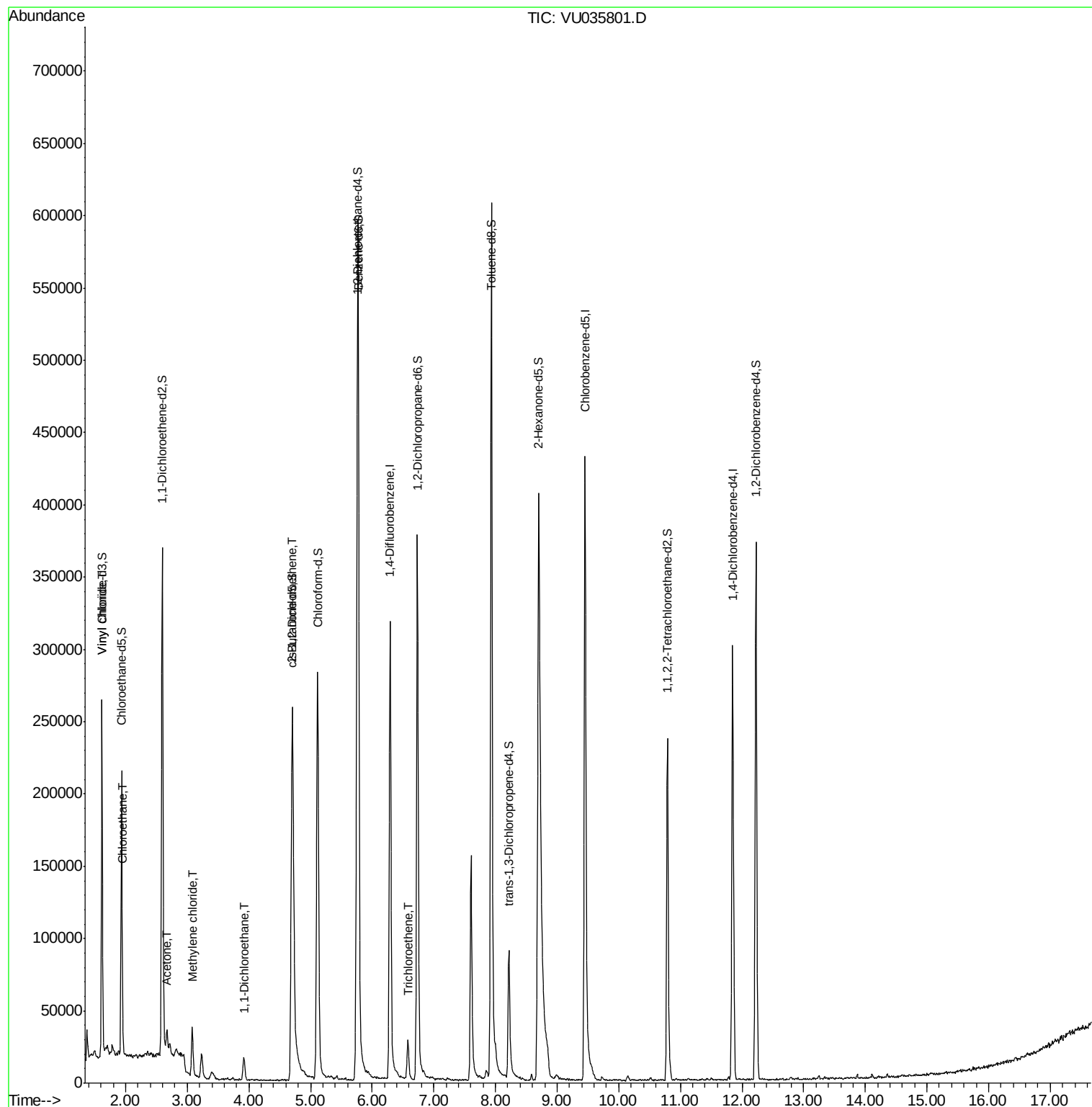
					Ovalue
5) Vinyl chloride	1.62	62	13171	0.315 ug/L	# 32
8) Chloroethane	1.95	64	3703	0.153 ug/L	99
13) Acetone	2.67	43	20206	3.041 ug/L	96
16) Methylene chloride	3.08	84	15369	0.488 ug/L	90
19) 1,1-Dichloroethane	3.92	63	18005	0.313 ug/L	94
22) cis-1,2-Dichloroethene	4.72	96	40295	1.410 ug/L	100
34) Trichloroethene	6.58	95	8428	0.286 ug/L	96

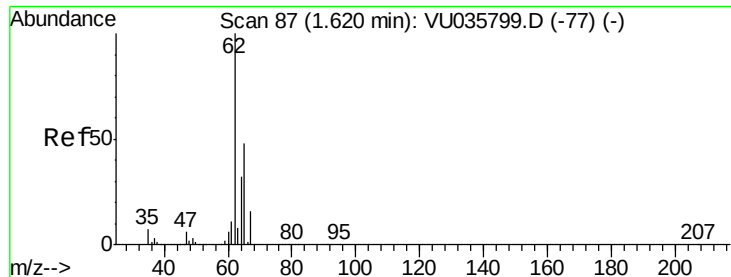
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.315 ug/L

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VU035801.D

Acq: 21 Nov 2019 14:21

Instrument :

MSVOA_U

ClientSampleId :

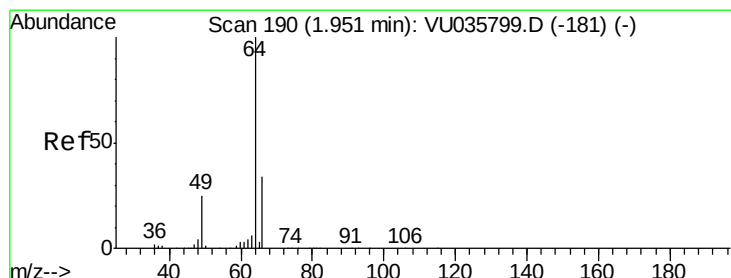
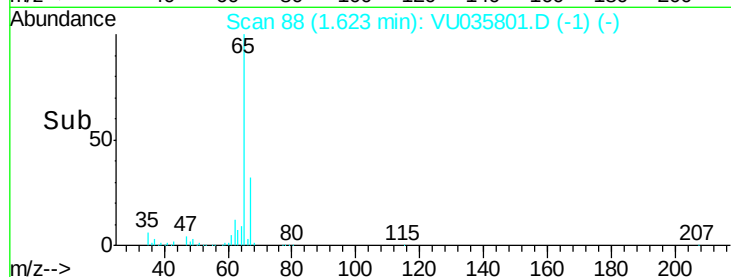
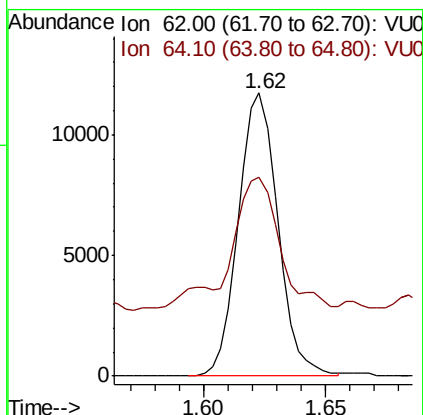
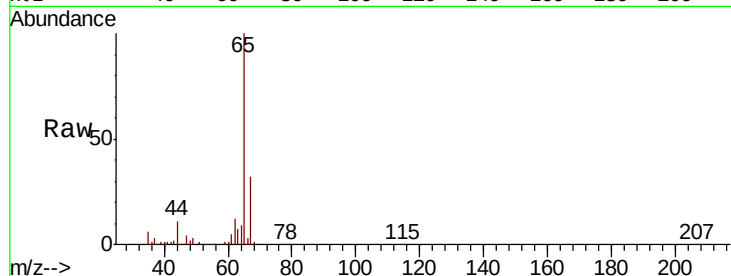
B0AA3

Tot Ion: 62 Resp: 13171

Ion Ratio Lower Upper

62 100

64 70.1 22.5 41.9#



#8

Chloroethane

Concen: 0.153 ug/L

RT: 1.95 min Scan# 191

Delta R.T. 0.00 min

Lab File: VU035801.D

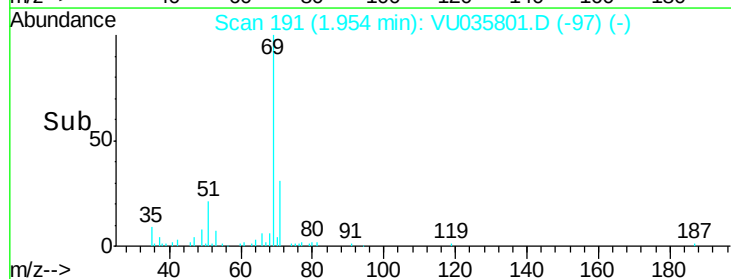
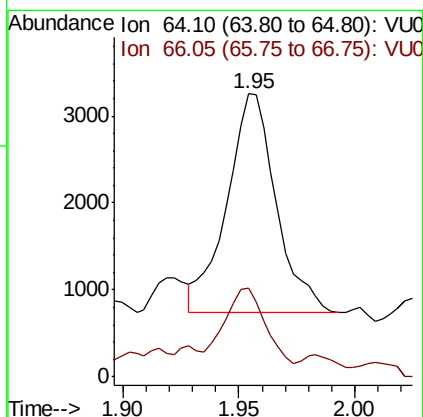
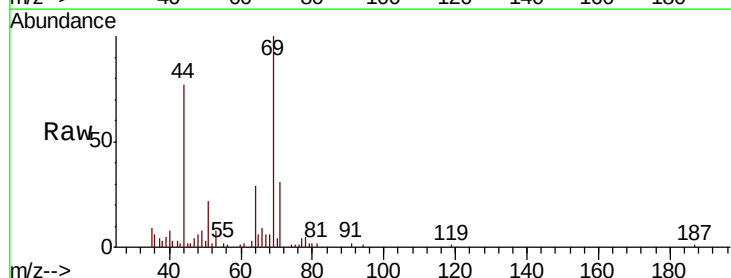
Acq: 21 Nov 2019 14:21

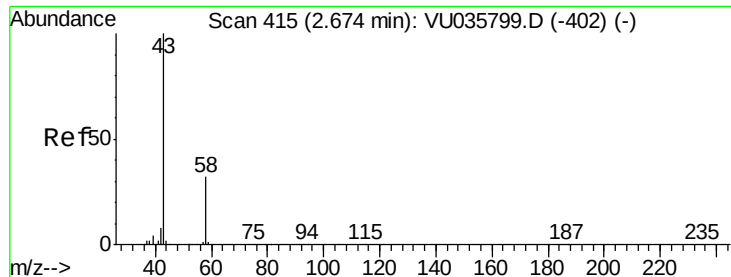
Tgt Ion: 64 Resp: 3703

Ion Ratio Lower Upper

64 100

66 31.2 22.3 41.5





#13

Acetone

Concen: 3.041 ug/L

RT: 2.67 min Scan# 413

Delta R.T. -0.01 min

Lab File: VU035801.D

Acq: 21 Nov 2019 14:21

Instrument :

MSVOA_U

ClientSampleId :

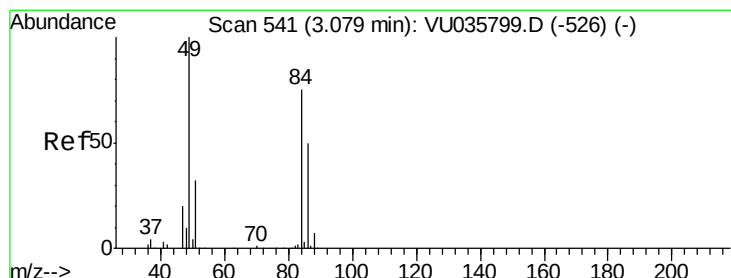
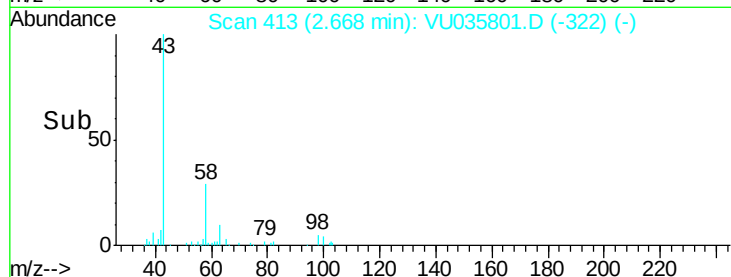
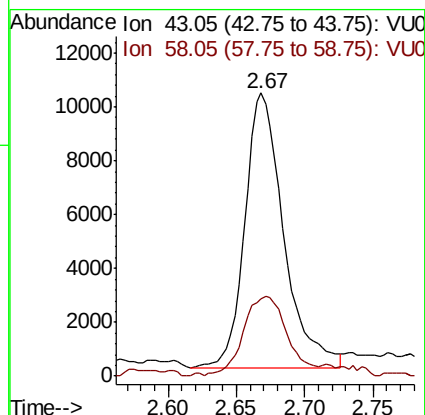
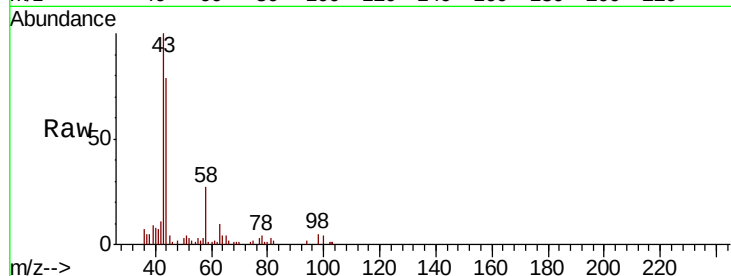
B0AA3

Tot Ion: 43 Resp: 20206

Ion Ratio Lower Upper

43 100

58 33.0 0.0 61.2



#16

Methylene chloride

Concen: 0.488 ug/L

RT: 3.08 min Scan# 542

Delta R.T. 0.00 min

Lab File: VU035801.D

Acq: 21 Nov 2019 14:21

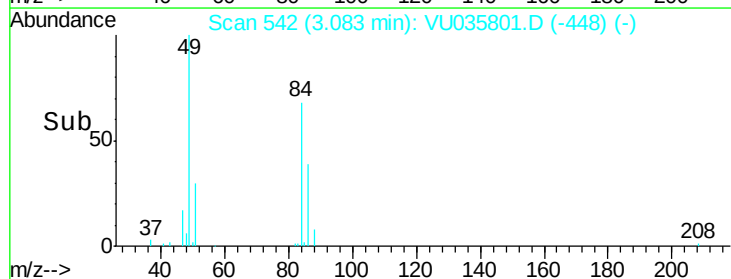
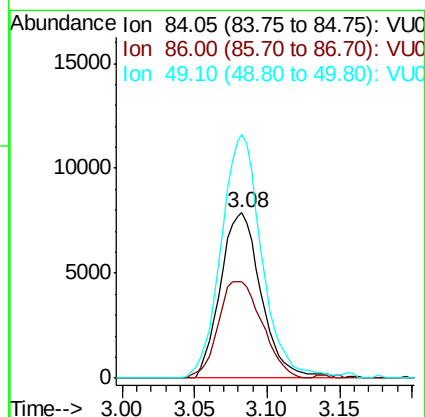
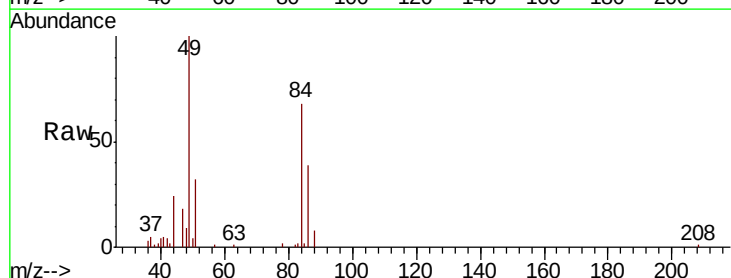
Tgt Ion: 84 Resp: 15369

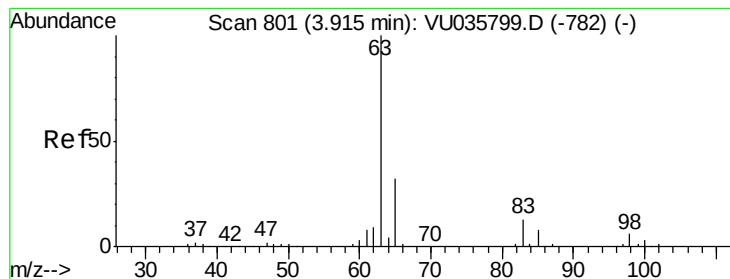
Ion Ratio Lower Upper

84 100

86 58.1 44.4 82.5

49 147.3 94.0 174.6





#19

1,1-Dichloroethane

Concen: 0.313 ug/L

RT: 3.92 min Scan# 802

Delta R.T. 0.00 min

Lab File: VU035801.D

Acq: 21 Nov 2019 14:21

Instrument :

MSVOA_U

ClientSampleId :

B0AA3

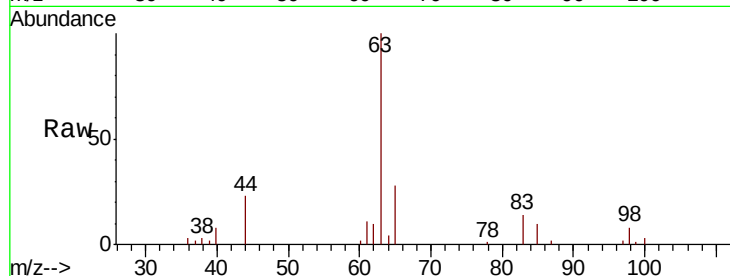
Tot Ion: 63 Resp: 18005

Ion Ratio Lower Upper

63 100

65 27.5 21.8 40.4

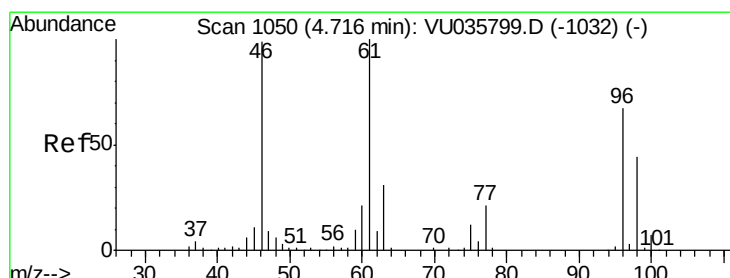
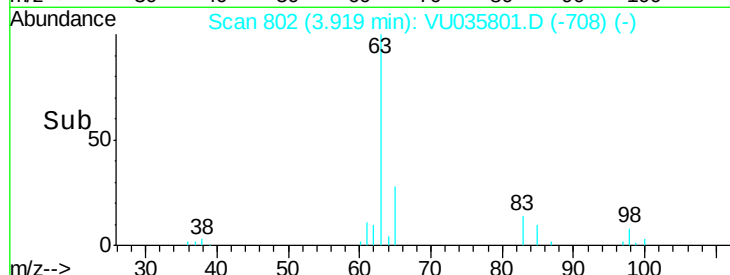
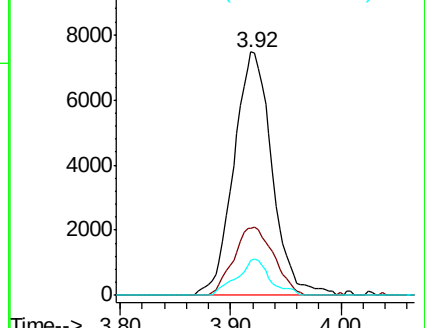
83 14.1 8.6 16.0



Abundance Ion 63.10 (62.80 to 63.80): VU035799.D (-782) (-)

Ion 65.10 (64.80 to 65.80): VU035799.D (-782) (-)

Ion 83.05 (82.75 to 83.75): VU035799.D (-782) (-)



#22

cis-1,2-Dichloroethene

Concen: 1.410 ug/L

RT: 4.72 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VU035801.D

Acq: 21 Nov 2019 14:21

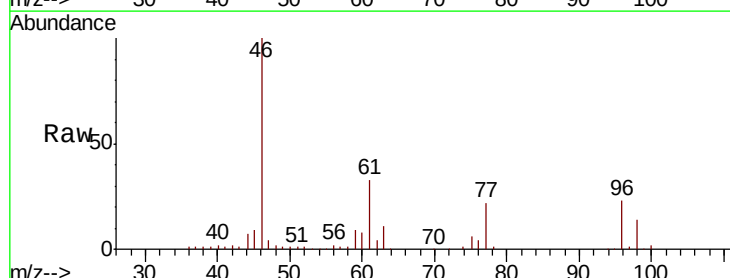
Tgt Ion: 96 Resp: 40295

Ion Ratio Lower Upper

96 100

61 140.6 98.1 182.1

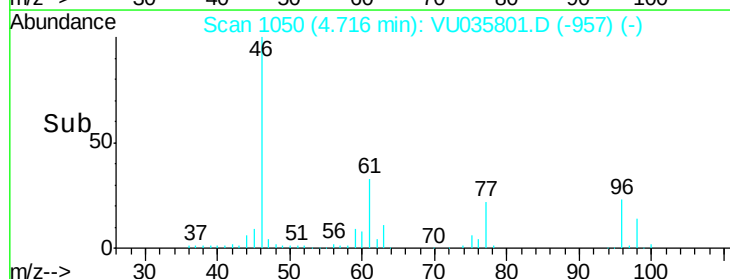
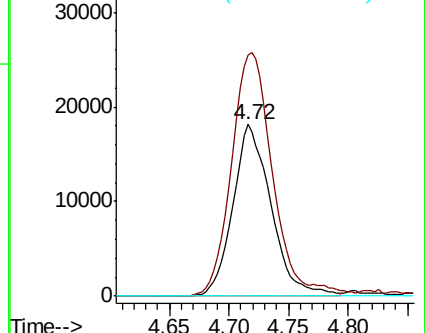
68 0.0 0.0 0.0

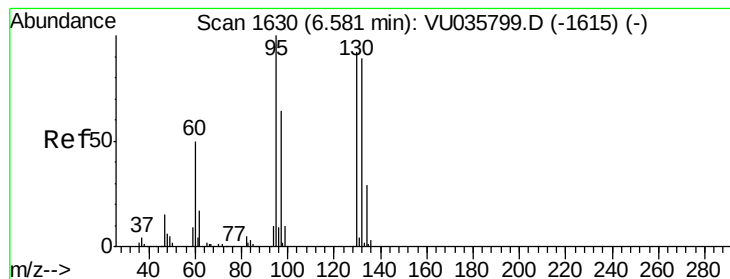


Abundance Ion 96.00 (95.70 to 96.70): VU035799.D (-1032) (-)

Ion 61.05 (60.75 to 61.75): VU035799.D (-1032) (-)

Ion 68.15 (67.85 to 68.85): VU035799.D (-1032) (-)





#34

Trichloroethene

Concen: 0.286 ug/L

RT: 6.58 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VU035801.D

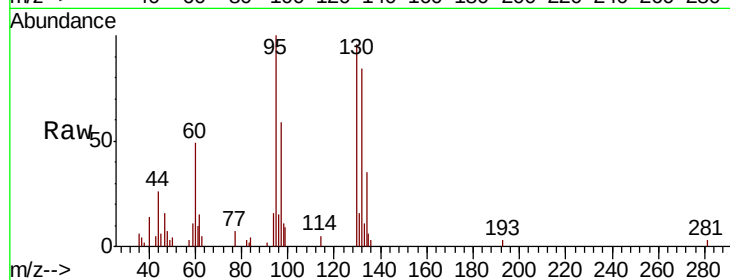
Acq: 21 Nov 2019 14:21

Instrument :

MSVOA_U

ClientSampleId :

B0AA3



Tot Ion: 95 Resp: 8428

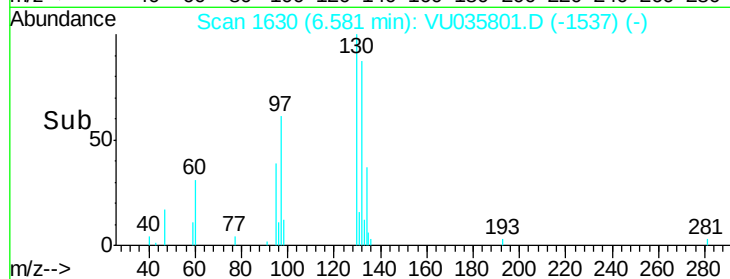
Ion Ratio Lower Upper

95 100

97 59.0 45.1 83.9

132 83.5 61.9 114.9

130 96.2 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

