

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111919\
 Data File : VU035779.D
 Acq On : 19 Nov 2019 18:58
 Operator : JC/SP
 Sample : K5930-03 10X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 B0AA3

Quant Time: Nov 20 03:14:37 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	6.30	114	176032	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	199956	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	66019	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	72092	3.98	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.60%
7) Chloroethane-d5	1.94	69	70974	4.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.80%
11) 1,1-Dichloroethene-d2	2.60	63	95902	3.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.80%
20) 2-Butanone-d5	4.70	46	212564	53.13	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.26%
24) Chloroform-d	5.12	84	143209	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.20%
26) 1,2-Dichloroethane-d4	5.75	65	78784	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.80%
32) Benzene-d6	5.77	84	281504	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.40%
36) 1,2-Dichloropropane-d6	6.74	67	100423	4.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.80%
41) Toluene-d8	7.93	98	220770	3.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.20%
43) trans-1,3-Dichloropropene-	8.22	79	31604	3.89	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.80%
46) 2-Hexanone-d5	8.70	63	135498	42.54	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.08%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	85577	5.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.20%
64) 1,2-Dichlorobenzene-d4	12.22	152	68066	5.20	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.00%

Target Compounds

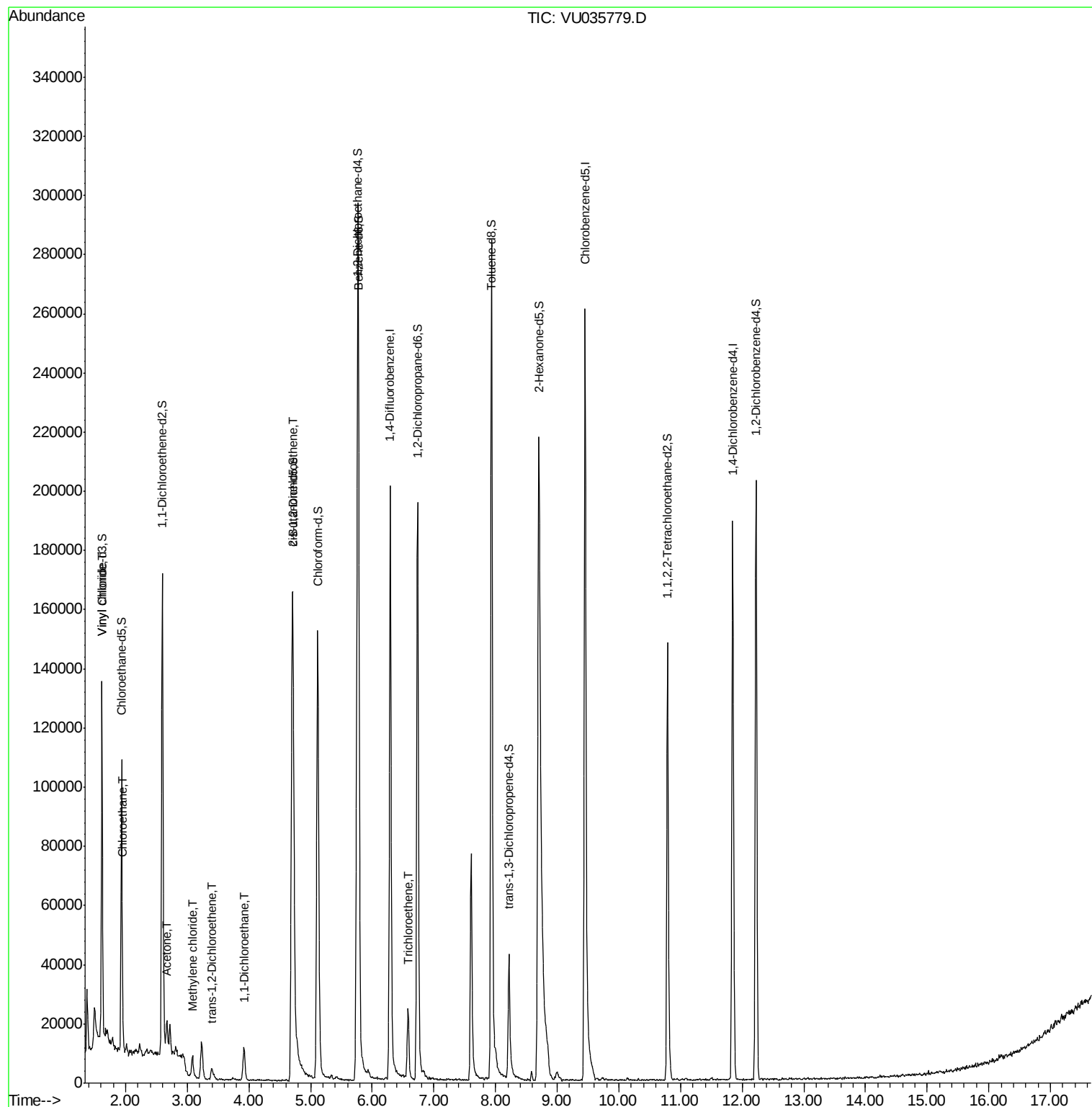
					Ovalue
5) Vinyl chloride	1.62	62	12337	0.551 ug/L	# 19
8) Chloroethane	1.95	64	2329	0.181 ug/L	88
13) Acetone	2.67	43	12352	4.283 ug/L	99
16) Methylene chloride	3.08	84	3284	0.179 ug/L	89
18) trans-1,2-Dichloroethene	3.39	96	1302	0.082 ug/L	84
19) 1,1-Dichloroethane	3.92	63	13575	0.459 ug/L	93
22) cis-1,2-Dichloroethene	4.72	96	38611	2.194 ug/L	98
34) Trichloroethene	6.58	95	8146	0.452 ug/L	94

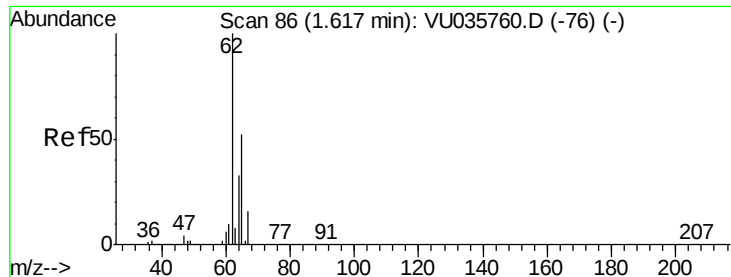
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.551 ug/L

RT: 1.62 min Scan# 88

Delta R.T. 0.01 min

Lab File: VU035779.D

Acq: 19 Nov 2019 18:58

Instrument :

MSVOA_U

ClientSampleId :

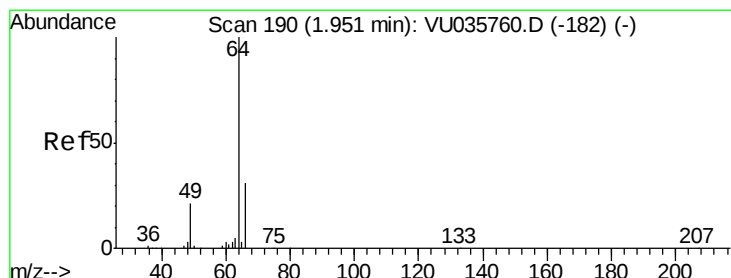
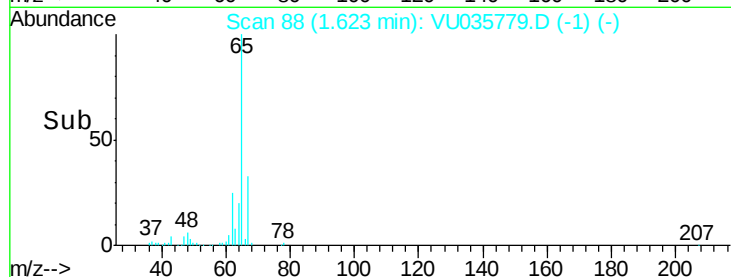
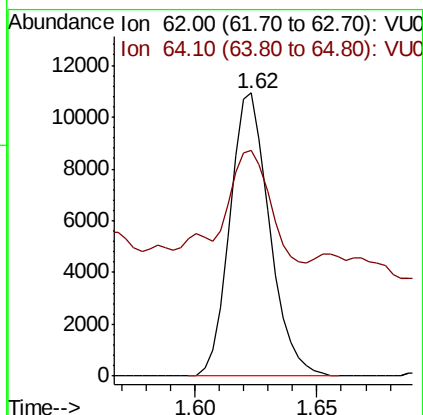
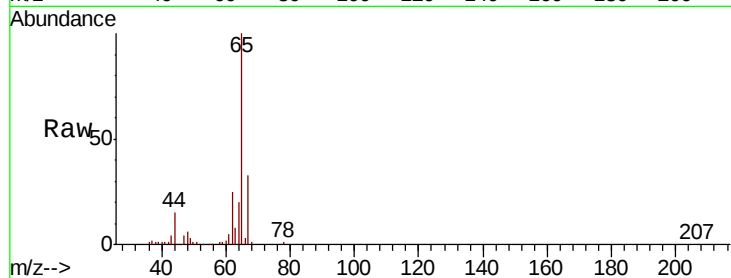
B0AA3

Tot Ion: 62 Resp: 12337

Ion Ratio Lower Upper

62 100

64 79.9 23.5 43.7#



#8

Chloroethane

Concen: 0.181 ug/L

RT: 1.95 min Scan# 191

Delta R.T. 0.00 min

Lab File: VU035779.D

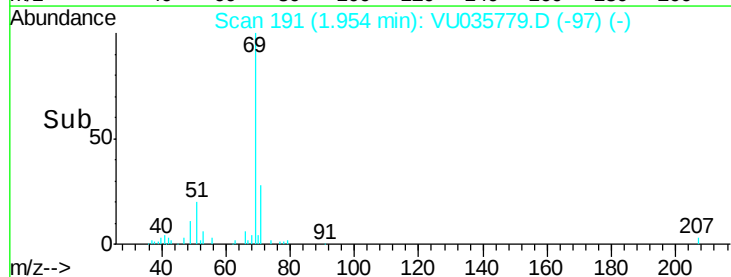
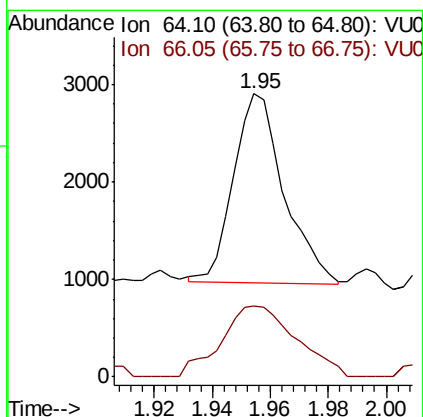
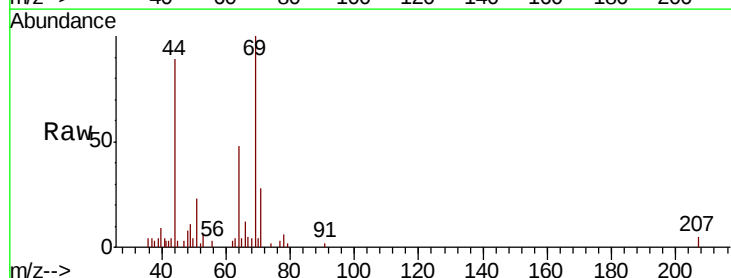
Acq: 19 Nov 2019 18:58

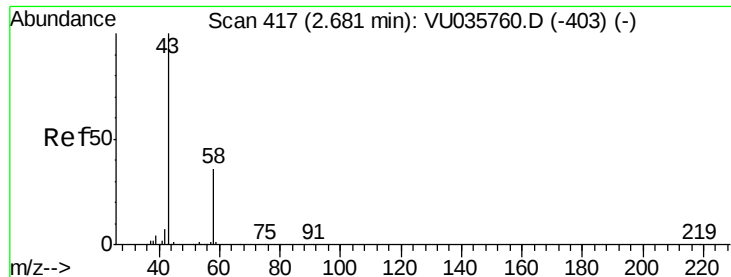
Tgt Ion: 64 Resp: 2329

Ion Ratio Lower Upper

64 100

66 25.3 22.5 41.7





#13

Acetone

Concen: 4.283 ug/L

RT: 2.67 min Scan# 414

Delta R.T. -0.01 min

Lab File: VU035779.D

Acq: 19 Nov 2019 18:58

Instrument :

MSVOA_U

ClientSampleId :

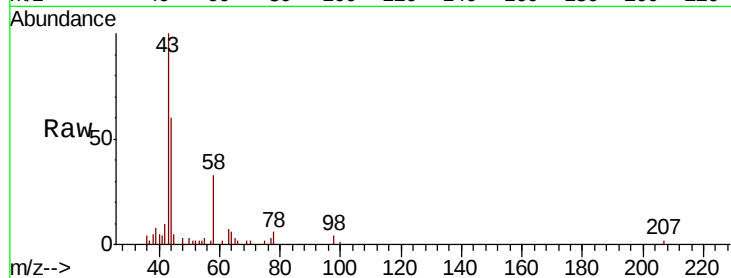
B0AA3

Tot Ion: 43 Resp: 12352

Ion Ratio Lower Upper

43 100

58 35.3 0.0 69.8



Abundance Ion 43.05 (42.75 to 43.75): VU035779.D (-324) (-)

Ion 58.05 (57.75 to 58.75): VU035779.D (-324) (-)

2.67

8000

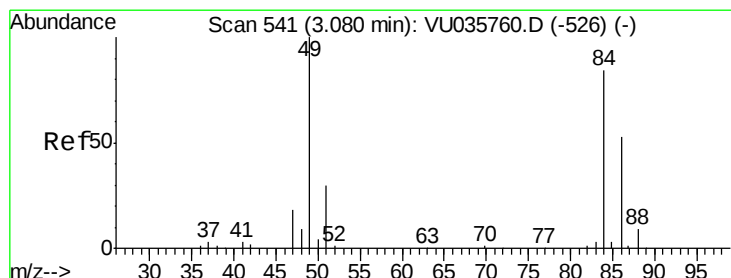
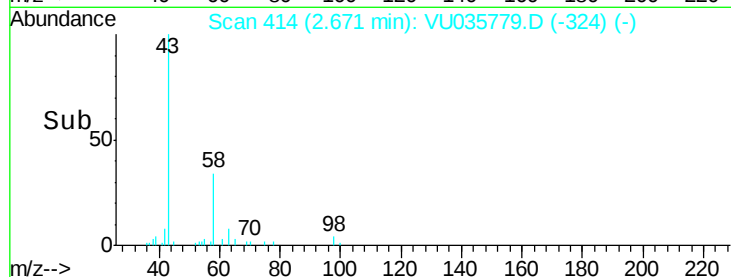
6000

4000

2000

0

Time--> 2.60 2.65 2.70



#16

Methylene chloride

Concen: 0.179 ug/L

RT: 3.08 min Scan# 542

Delta R.T. 0.00 min

Lab File: VU035779.D

Acq: 19 Nov 2019 18:58

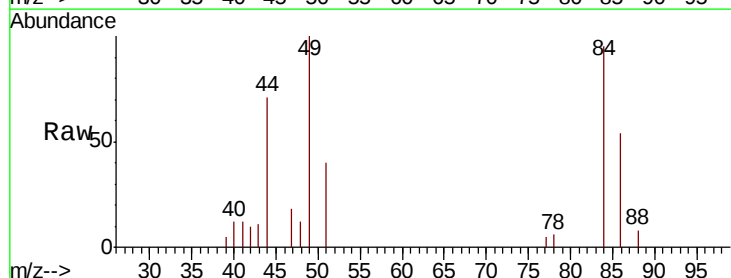
Tgt Ion: 84 Resp: 3284

Ion Ratio Lower Upper

84 100

86 56.8 45.8 85.2

49 105.0 81.9 152.1



Abundance Ion 84.05 (83.75 to 84.75): VU035779.D (-448) (-)

Ion 86.00 (85.70 to 86.70): VU035779.D (-448) (-)

Ion 49.10 (48.80 to 49.80): VU035779.D (-448) (-)

3.08

2500

2000

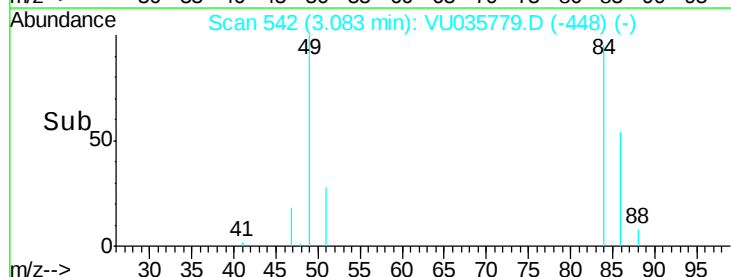
1500

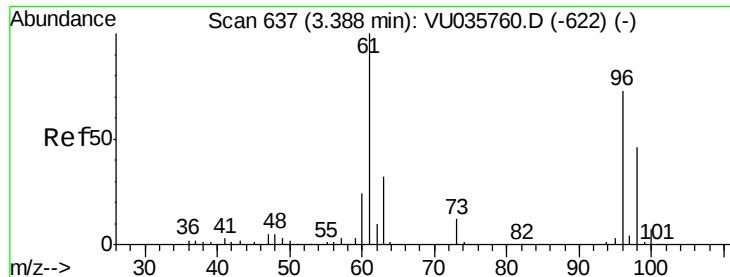
1000

500

0

Time--> 3.05 3.10





#18

trans-1,2-Dichloroethene

Concen: 0.082 ug/L

RT: 3.39 min Scan# 639

Delta R.T. 0.01 min

Lab File: VU035779.D

Acq: 19 Nov 2019 18:58

Instrument :

MSVOA_U

ClientSampleId :

B0AA3

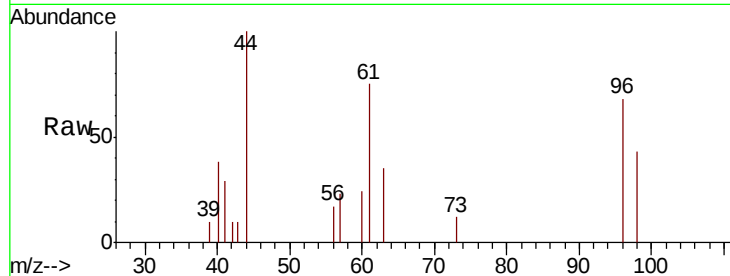
Tot Ion: 96 Resp: 1302

Ion Ratio Lower Upper

96 100

61 110.1 95.0 176.4

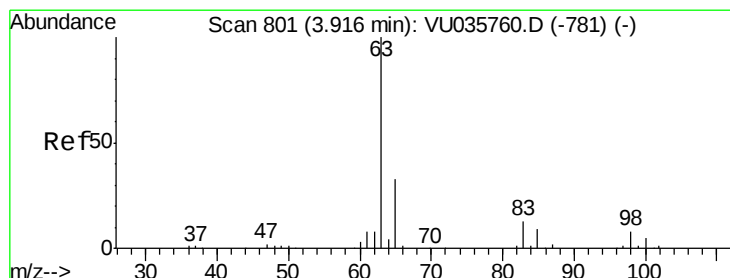
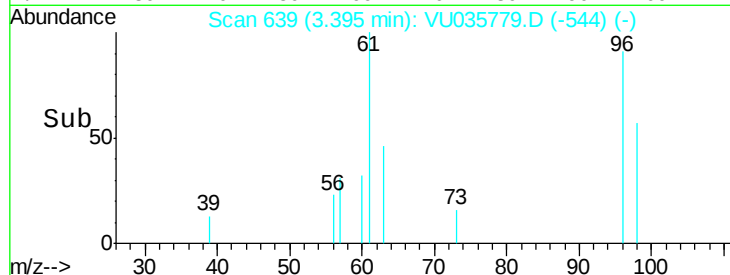
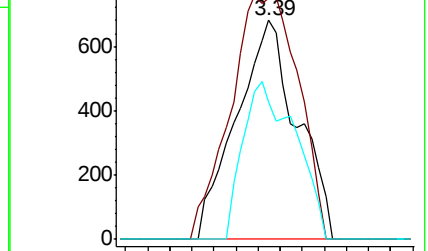
98 63.1 42.5 78.9



Abundance Ion 96.00 (95.70 to 96.70): VU035779.D (-544) (-)

Ion 61.05 (60.75 to 61.75): VU035779.D (-544) (-)

Ion 97.95 (97.65 to 98.65): VU035779.D (-544) (-)



#19

1,1-Dichloroethane

Concen: 0.459 ug/L

RT: 3.92 min Scan# 803

Delta R.T. 0.01 min

Lab File: VU035779.D

Acq: 19 Nov 2019 18:58

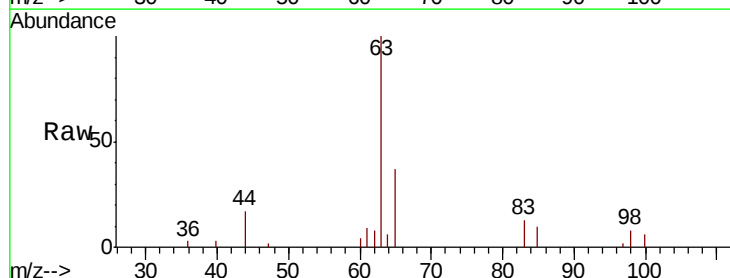
Tgt Ion: 63 Resp: 13575

Ion Ratio Lower Upper

63 100

65 37.0 22.0 40.8

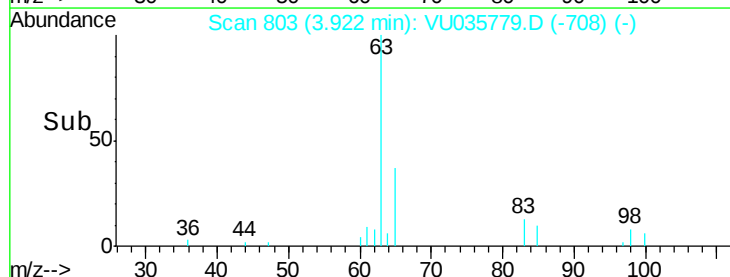
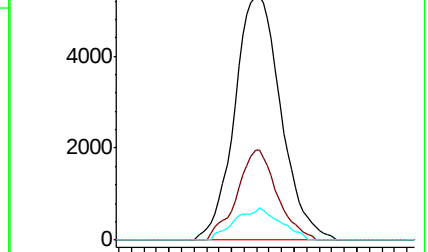
83 13.1 9.3 17.3

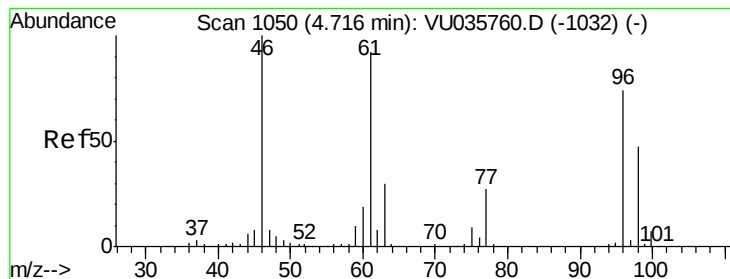


Abundance Ion 63.10 (62.80 to 63.80): VU035779.D (-708) (-)

Ion 65.10 (64.80 to 65.80): VU035779.D (-708) (-)

Ion 83.05 (82.75 to 83.75): VU035779.D (-708) (-)





#22

cis-1,2-Dichloroethene

Concen: 2.194 ug/L

RT: 4.72 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VU035779.D

Acq: 19 Nov 2019 18:58

Instrument :

MSVOA_U

ClientSampleId :

B0AA3

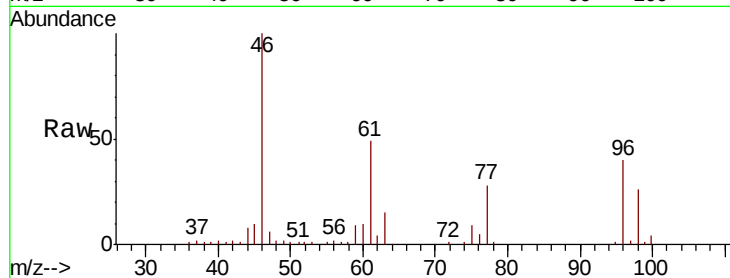
Tot Ion: 96 Resp: 38611

Ion Ratio Lower Upper

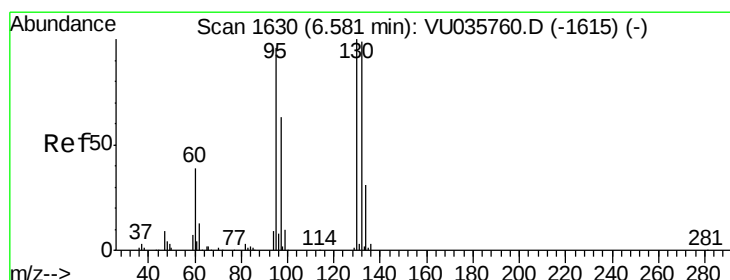
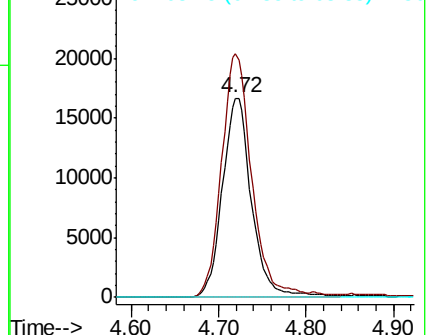
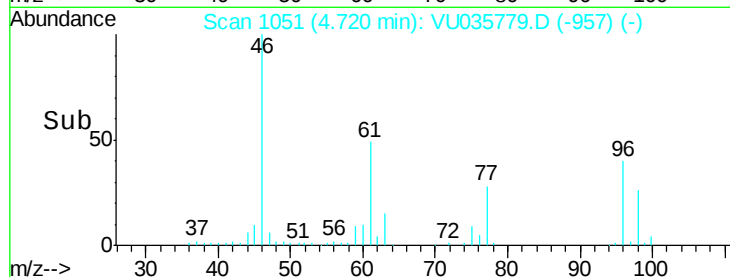
96 100

61 122.1 87.0 161.6

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU035779.D (-957) (-)



#34

Trichloroethene

Concen: 0.452 ug/L

RT: 6.58 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VU035779.D

Acq: 19 Nov 2019 18:58

Tgt Ion: 95 Resp: 8146

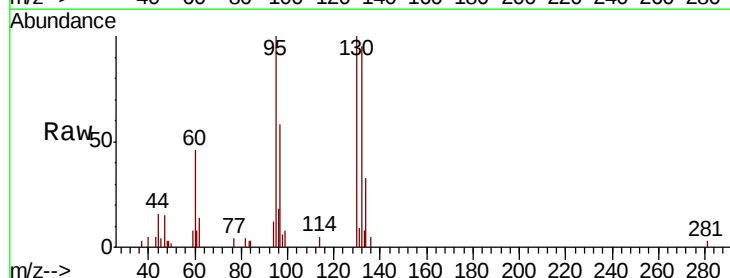
Ion Ratio Lower Upper

95 100

97 58.3 44.5 82.7

132 94.9 69.9 129.7

130 100.2 74.1 137.7



Abundance Ion 95.00 (94.70 to 95.70): VU035779.D (-1537) (-)

