

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111919\
 Data File : VU035778.D
 Acq On : 19 Nov 2019 18:33
 Operator : JC/SP
 Sample : K5930-05RE 10X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 B0AA5RE

Quant Time: Nov 20 03:12:15 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	168119	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	200936	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.85	152	65256	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	72782	4.20	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.00%
7) Chloroethane-d5	1.93	69	73284	5.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.60%
11) 1,1-Dichloroethene-d2	2.59	63	101850	3.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.00%
20) 2-Butanone-d5	4.70	46	218706	57.24	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.48%
24) Chloroform-d	5.11	84	146193	5.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.00%
26) 1,2-Dichloroethane-d4	5.75	65	83081	5.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	114.60%
32) Benzene-d6	5.77	84	294671	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.20%
36) 1,2-Dichloropropane-d6	6.74	67	101942	4.99	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.80%
41) Toluene-d8	7.93	98	231567	3.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.40%
43) trans-1,3-Dichloropropene-	8.22	79	33040	4.04	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.80%
46) 2-Hexanone-d5	8.70	63	150623	47.06	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.12%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	90487	5.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.40%
64) 1,2-Dichlorobenzene-d4	12.22	152	71973	5.56	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.20%

Target Compounds

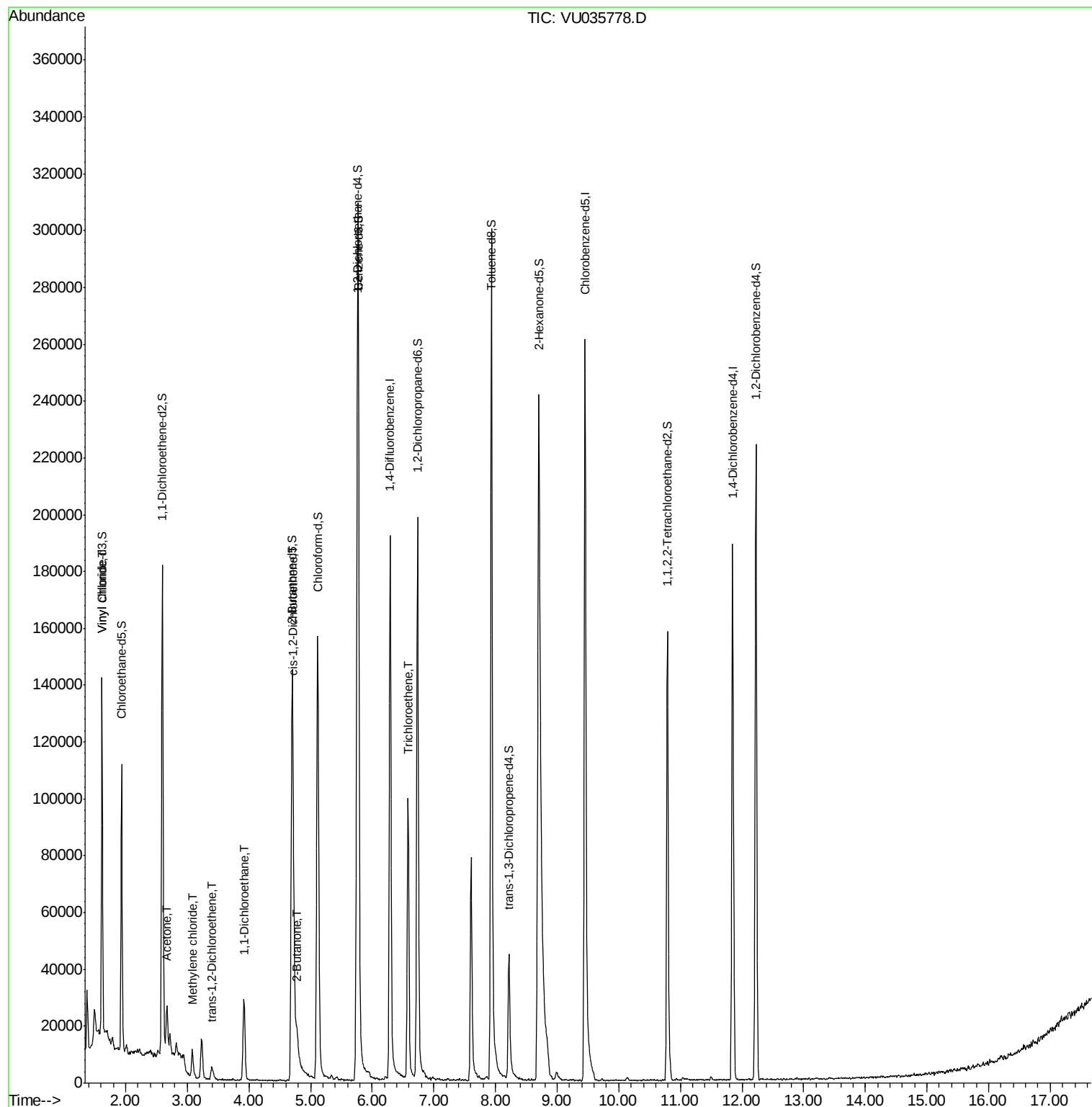
					Ovalue
5) Vinyl chloride	1.62	62	20772	0.972 ug/L #	48
13) Acetone	2.67	43	18953	6.880 ug/L	97
16) Methylene chloride	3.08	84	4735	0.270 ug/L	94
18) trans-1,2-Dichloroethene	3.39	96	1640	0.108 ug/L #	72
19) 1,1-Dichloroethane	3.92	63	33849	1.198 ug/L	99
21) 2-Butanone	4.78	43	12343	3.018 ug/L	95
22) cis-1,2-Dichloroethene	4.72	96	12795	0.761 ug/L	93
34) Trichloroethene	6.58	95	34816	1.924 ug/L	96

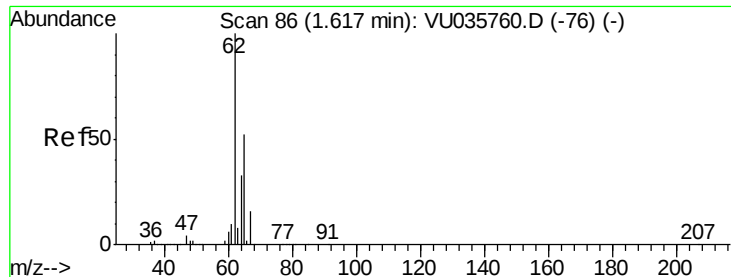
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU111919\
Data File : VU035778.D
Acq On : 19 Nov 2019 18:33
Operator : JC/SP
Sample : K5930-05RE 10X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
B0AA5RE

Quant Time: Nov 20 03:12:15 2019
Quant Method : Z:\V0ASRV\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





#5

Vinyl chloride

Concen: 0.972 ug/L

RT: 1.62 min Scan# 88

Delta R.T. 0.01 min

Lab File: VU035778.D

Acq: 19 Nov 2019 18:33

Instrument :

MSVOA_U

ClientSampleId :

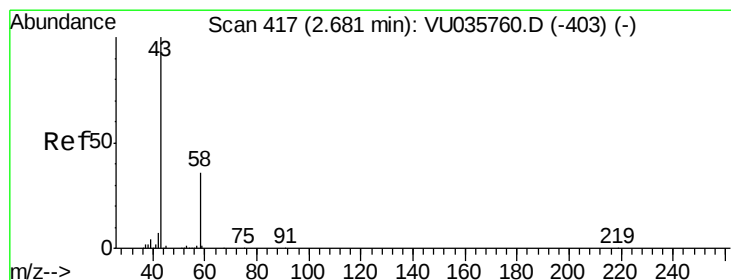
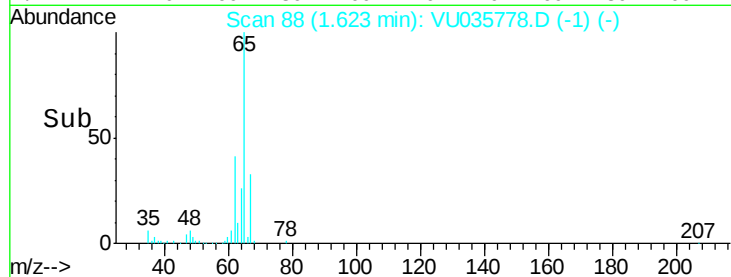
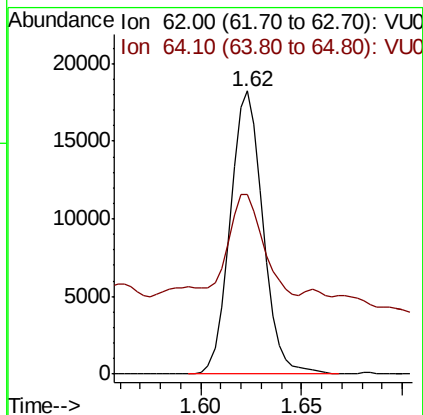
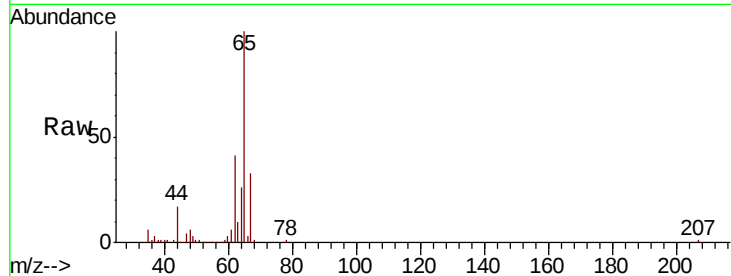
B0AA5RE

Tot Ion: 62 Resp: 20772

Ion Ratio Lower Upper

62 100

64 63.5 23.5 43.7#



#13

Acetone

Concen: 6.880 ug/L

RT: 2.67 min Scan# 414

Delta R.T. -0.01 min

Lab File: VU035778.D

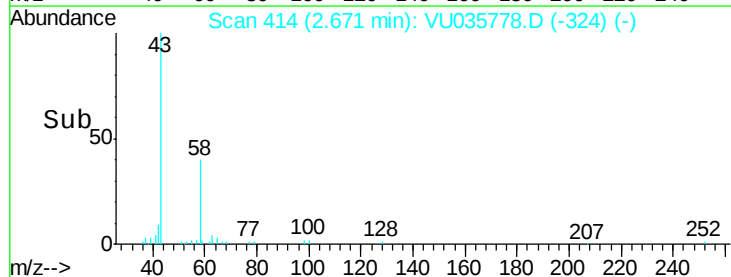
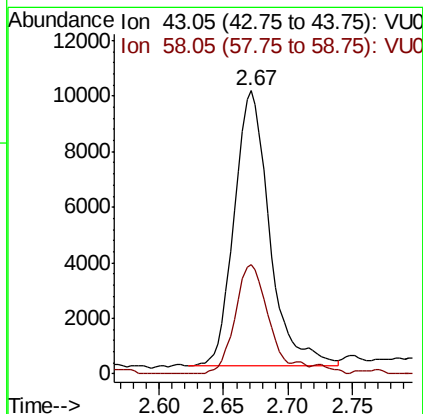
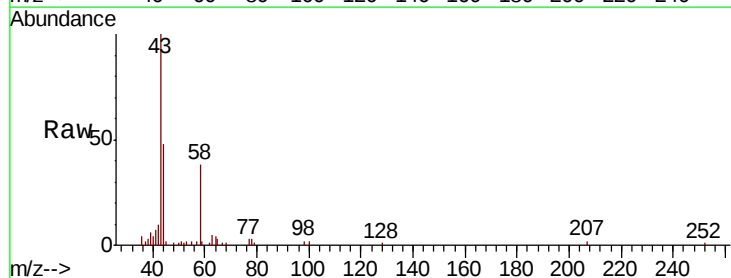
Acq: 19 Nov 2019 18:33

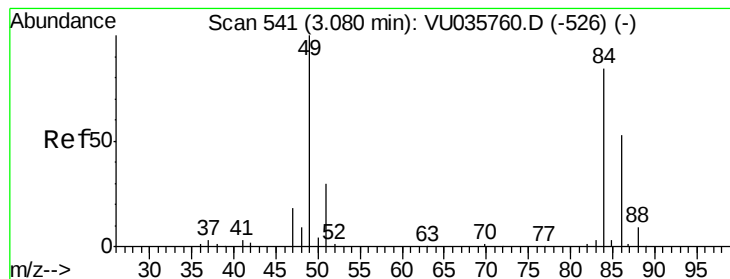
Tgt Ion: 43 Resp: 18953

Ion Ratio Lower Upper

43 100

58 36.7 0.0 69.8





#16

Methylene chloride

Concen: 0.270 ug/L

RT: 3.08 min Scan# 541

Delta R.T. -0.00 min

Lab File: VU035778.D

Acq: 19 Nov 2019 18:33

Instrument :

MSVOA_U

ClientSampleId :

B0AA5RE

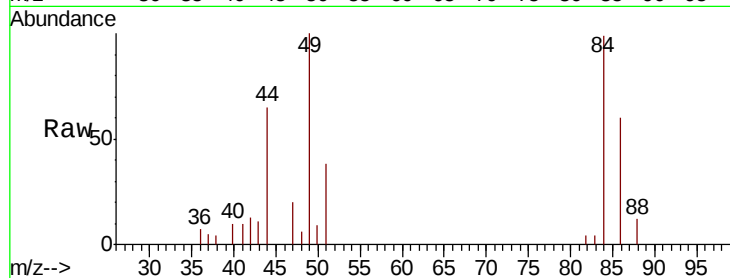
Tot Ion: 84 Resp: 4735

Ion Ratio Lower Upper

84 100

86 60.8 45.8 85.2

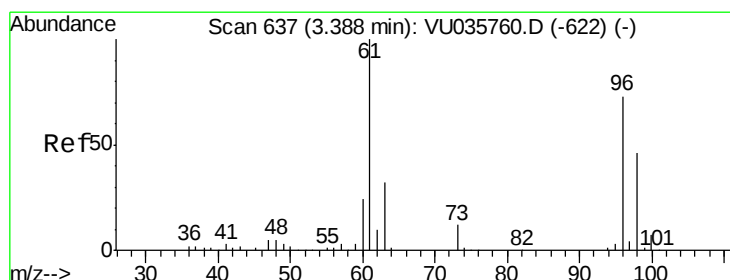
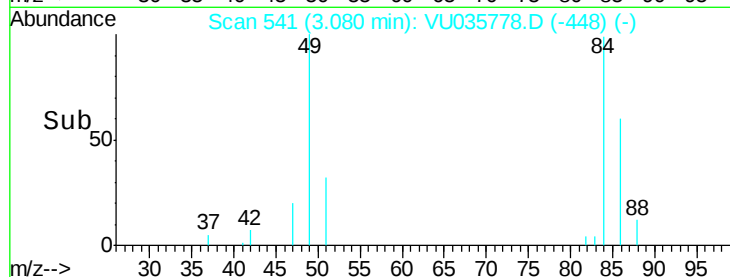
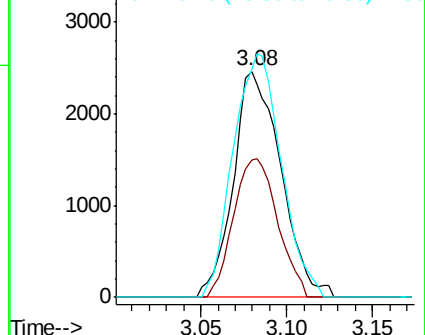
49 110.3 81.9 152.1



Abundance Ion 84.05 (83.75 to 84.75): VU035778.D (-544) (-)

Ion 86.00 (85.70 to 86.70): VU035778.D (-544) (-)

Ion 49.10 (48.80 to 49.80): VU035778.D (-544) (-)



#18

trans-1,2-Dichloroethene

Concen: 0.108 ug/L

RT: 3.39 min Scan# 637

Delta R.T. -0.00 min

Lab File: VU035778.D

Acq: 19 Nov 2019 18:33

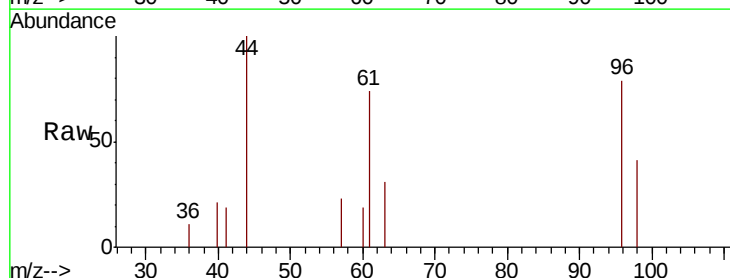
Tgt Ion: 96 Resp: 1640

Ion Ratio Lower Upper

96 100

61 94.3 95.0 176.4#

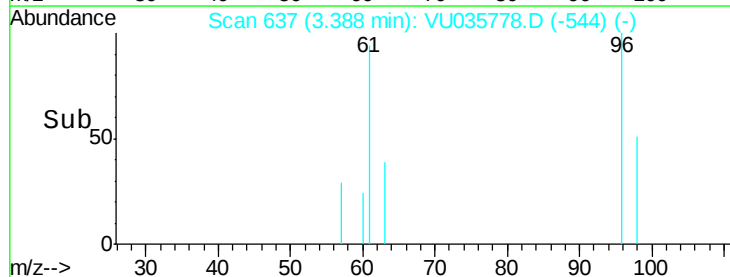
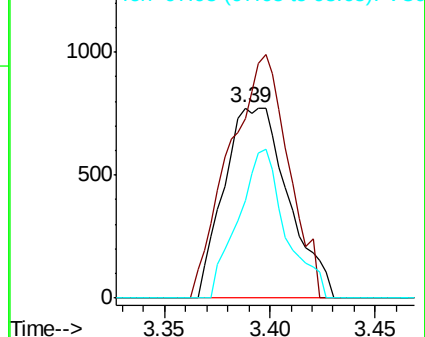
98 51.4 42.5 78.9

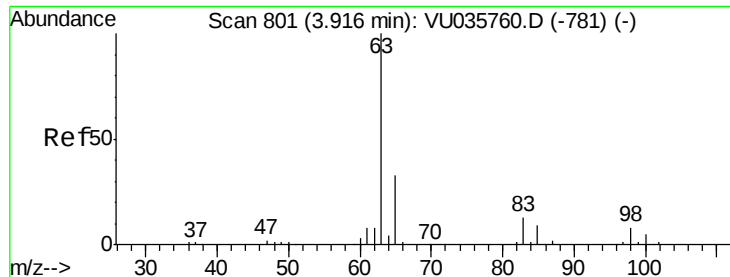


Abundance Ion 96.00 (95.70 to 96.70): VU035778.D (-544) (-)

Ion 61.05 (60.75 to 61.75): VU035778.D (-544) (-)

Ion 97.95 (97.65 to 98.65): VU035778.D (-544) (-)

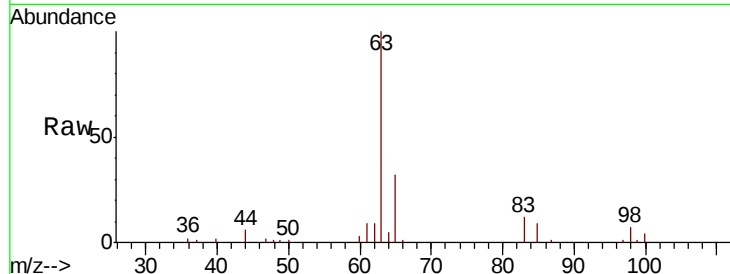




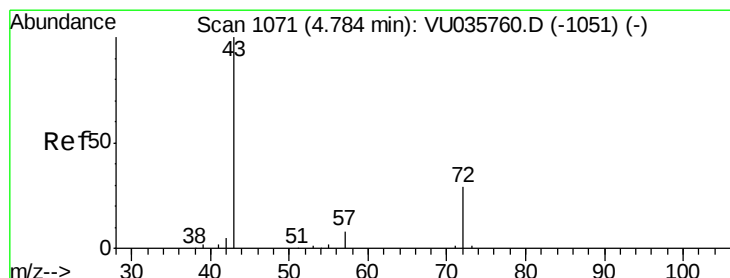
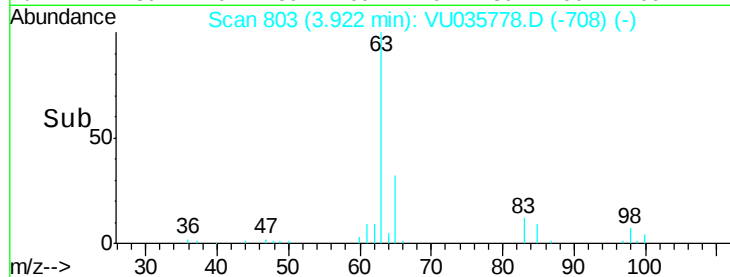
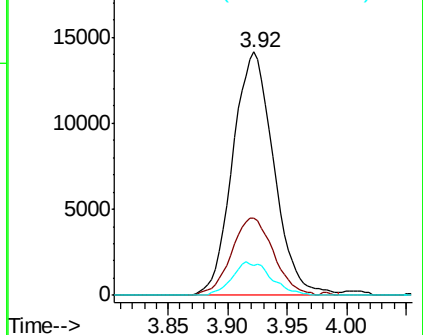
#19
 1,1-Dichloroethane
 Concen: 1.198 ug/L
 RT: 3.92 min Scan# 803
 Delta R.T. 0.01 min
 Lab File: VU035778.D
 Acq: 19 Nov 2019 18:33

Instrument :
 MSVOA_U
 ClientSampleId :
 B0AA5RE

Tot Ion: 63 Resp: 33849
 Ion Ratio Lower Upper
 63 100
 65 31.9 22.0 40.8
 83 12.4 9.3 17.3

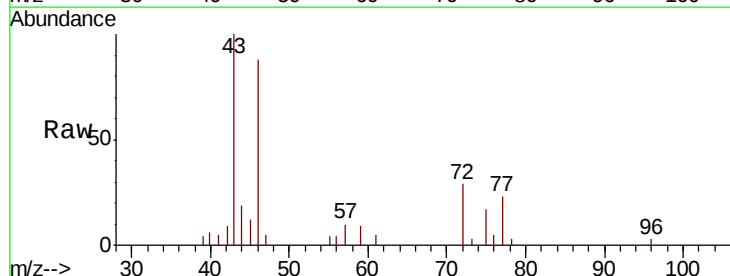


Abundance Ion 63.10 (62.80 to 63.80): VU0
 Ion 65.10 (64.80 to 65.80): VU0
 Ion 83.05 (82.75 to 83.75): VU0

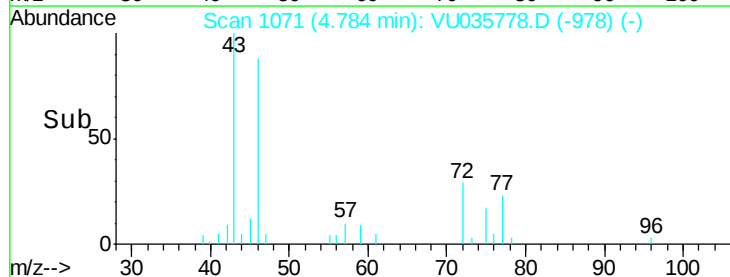
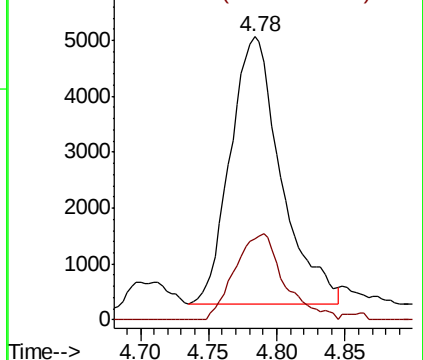


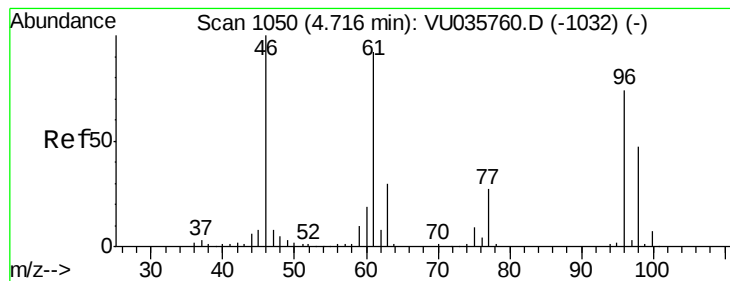
#21
 2-Butanone
 Concen: 3.018 ug/L
 RT: 4.78 min Scan# 1071
 Delta R.T. -0.00 min
 Lab File: VU035778.D
 Acq: 19 Nov 2019 18:33

Tgt Ion: 43 Resp: 12343
 Ion Ratio Lower Upper
 43 100
 72 31.4 14.3 42.9



Abundance Ion 43.05 (42.75 to 43.75): VU0
 Ion 72.10 (71.80 to 72.80): VU0





#22

cis-1,2-Dichloroethene

Concen: 0.761 ug/L

RT: 4.72 min Scan# 1052

Delta R.T. 0.01 min

Lab File: VU035778.D

Acq: 19 Nov 2019 18:33

Instrument :

MSVOA_U

ClientSampleId :

B0AA5RE

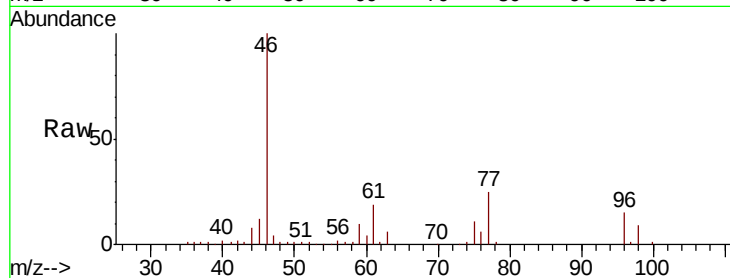
Tot Ion: 96 Resp: 12795

Ion Ratio Lower Upper

96 100

61 132.2 87.0 161.6

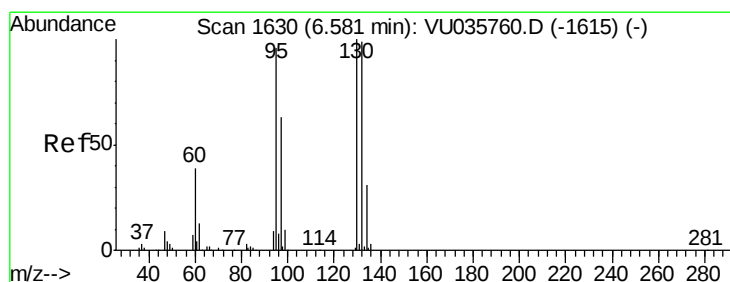
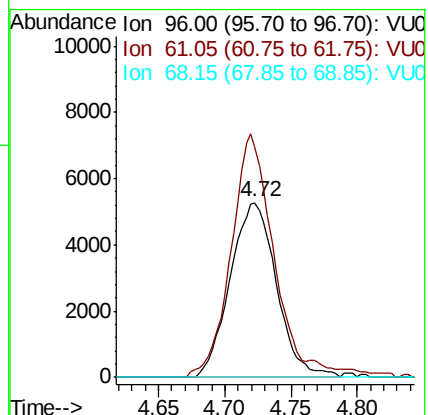
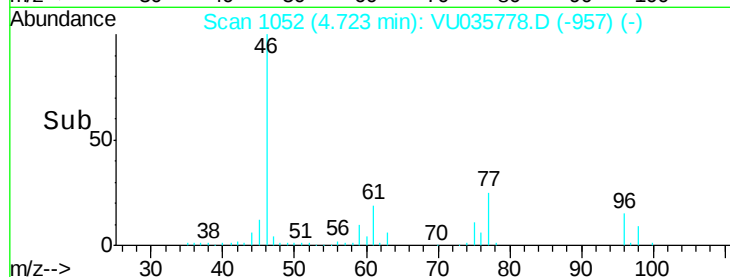
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU035778.D (-957) (-)

Ion 61.05 (60.75 to 61.75): VU035778.D (-957) (-)

Ion 68.15 (67.85 to 68.85): VU035778.D (-957) (-)



#34

Trichloroethene

Concen: 1.924 ug/L

RT: 6.58 min Scan# 1630

Delta R.T. -0.00 min

Lab File: VU035778.D

Acq: 19 Nov 2019 18:33

Tgt Ion: 95 Resp: 34816

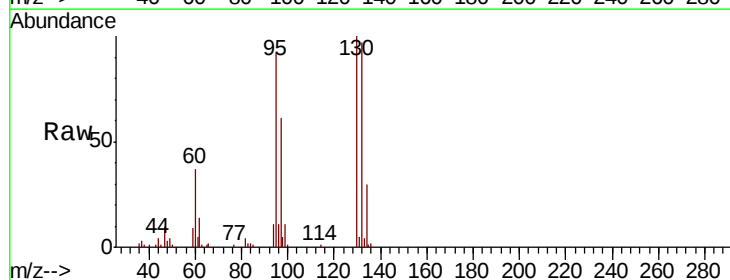
Ion Ratio Lower Upper

95 100

97 66.1 44.5 82.7

132 105.2 69.9 129.7

130 108.6 74.1 137.7



Abundance Ion 95.00 (94.70 to 95.70): VU035778.D (-1537) (-)

Ion 96.95 (96.65 to 97.65): VU035778.D (-1537) (-)

Ion 131.95 (131.65 to 132.65): VU035778.D (-1537) (-)

Ion 129.95 (129.65 to 130.65): VU035778.D (-1537) (-)

