

Data File : VU030788.D
Acq On : 06 Apr 2019 09:50
Operator : JC/SP
Sample : K2249-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E3YE0

Quant Time: Apr 08 01:09:07 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Apr 08 01:03:28 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	473800	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	465919	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	192368	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	214495	50.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	101.42%
7) Chloroethane-d5	1.68	69	166481	51.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.72%
11) 1,1-Dichloroethene-d2	2.27	63	317050	41.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.90%
21) 2-Butanone-d5	4.17	46	336510	100.39	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.39%
24) Chloroform-d	4.64	84	301893	46.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.46%
26) 1,2-Dichloroethane-d4	5.31	65	225908	51.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.48%
32) Benzene-d6	5.33	84	658459	48.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.82%
36) 1,2-Dichloropropane-d6	6.32	67	231845	49.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.48%
41) Toluene-d8	7.56	98	564212	46.80	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.60%
43) trans-1,3-Dichloropropene-	7.85	79	97382	45.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.64%
47) 2-Hexanone-d5	8.31	63	201222	94.45	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.45%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	302446	48.10	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	189869	50.19	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.38%

Target Compounds

					Qvalue
9) Trichlorofluoromethane	1.89	101	3886	0.640 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2525	0.744 ug/L #	22
12) 1,1-Dichloroethene	2.28	96	57038	17.415 ug/L #	28
13) Acetone	2.32	43	18682	5.446 ug/L	98
17) trans-1,2-Dichloroethene	2.98	96	27788	7.991 ug/L	92
19) 1,1-Dichloroethane	3.44	63	725514	101.096 ug/L	98
20) cis-1,2-Dichloroethene	4.22	96	1852588	482.478 ug/L	97
25) Chloroform	4.67	83	34741	4.817 ug/L	96
27) 1,2-Dichloroethane	5.41	62	7398	1.344 ug/L	97
30) 1,1,1-Trichloroethane	4.91	97	1207208	212.606 ug/L	100
34) Trichloroethene	6.19	95	18771	5.020 ug/L	95
40) 4-Methyl-2-pentanone	7.47	43	3718	0.536 ug/L #	57
45) 1,1,2-Trichloroethane	8.07	97	1926	0.526 ug/L	91
46) Tetrachloroethene	8.22	164	53699	19.751 ug/L	96
59) 1,2,3-Trichloropropane	11.48	75	24581	4.754 ug/L #	88

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040619\
Quantitation Report (Not Reviewed)

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Quant Title : VOC Analysis
QLast Update : Mon Apr 08 01:03:28 2019
Response via : Initial Calibration

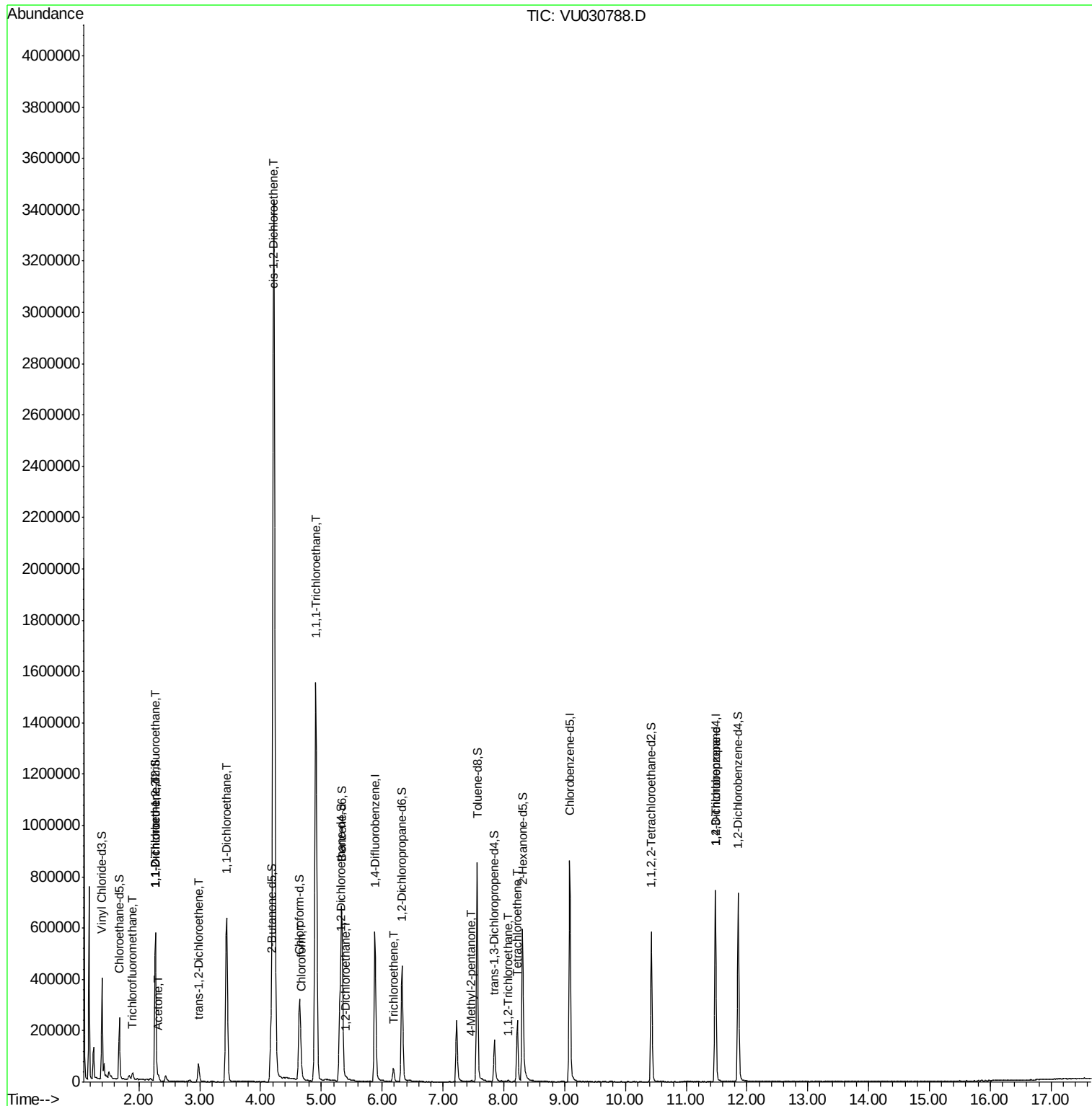
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

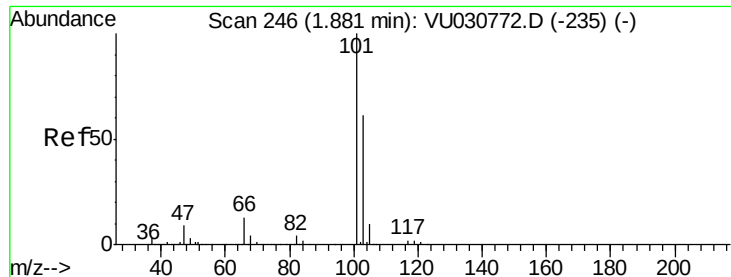
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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Quant Title : VOC Analysis
QLast Update : Mon Apr 08 01:03:28 2019
Response via : Initial Calibration





#9

Trichlorofluoromethane

Concen: 0.640 ug/L

RT: 1.89 min Scan# 248

Delta R.T. 0.01 min

Lab File: VU030788.D

Acq: 06 Apr 2019 09:50

Instrument :

MSVOA_U

ClientSampleId :

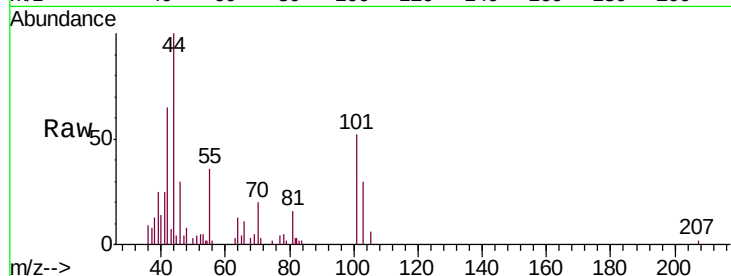
E3YE0

Tgt Ion:101 Resp: 3886

Ion Ratio Lower Upper

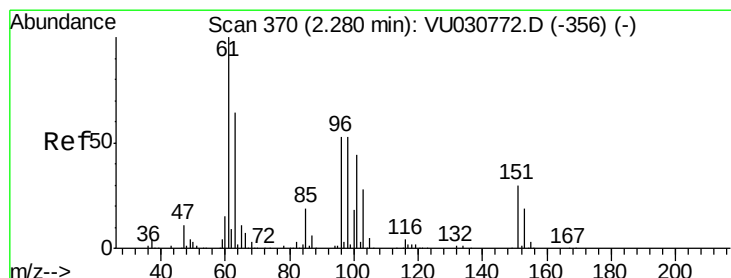
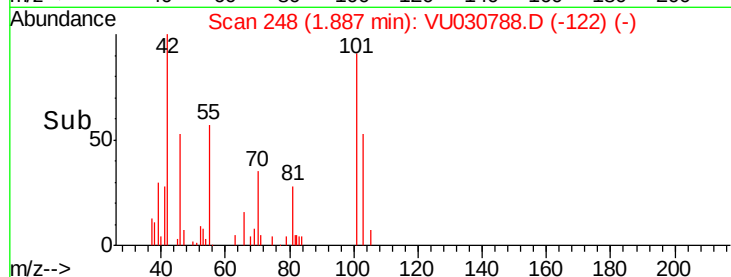
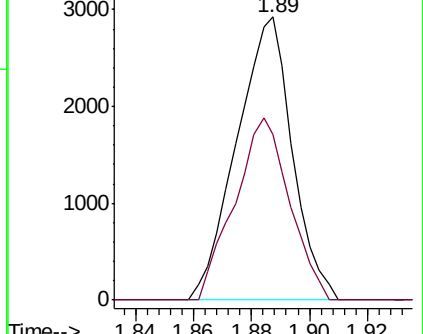
101 100

103 63.5 51.8 77.8



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.744 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU030788.D

Acq: 06 Apr 2019 09:50

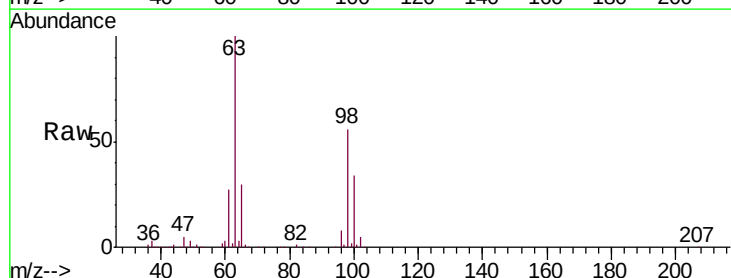
Tgt Ion:101 Resp: 2525

Ion Ratio Lower Upper

101 100

85 0.0 36.8 55.2#

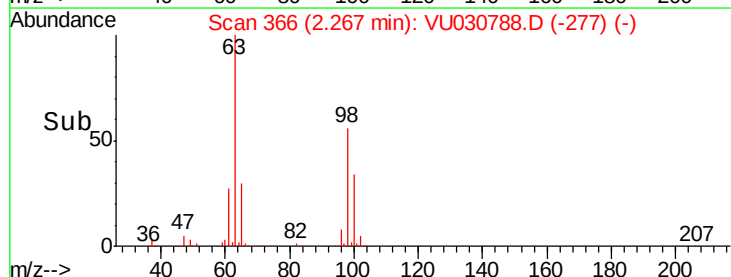
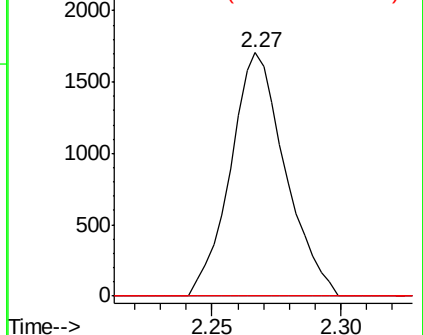
151 3.0 57.4 86.0#

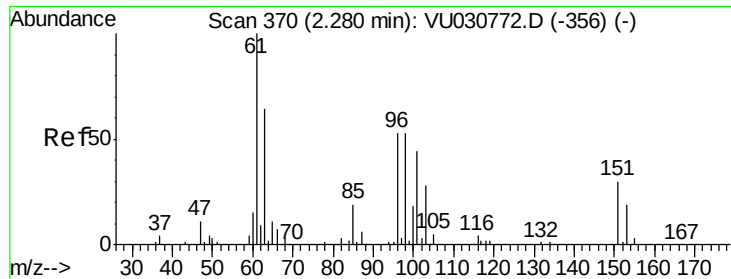


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V

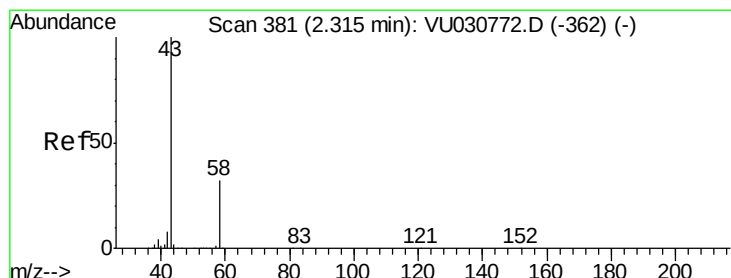
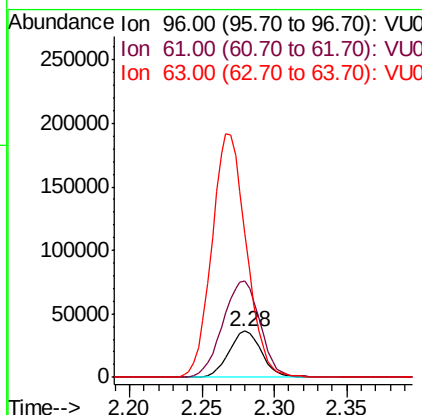
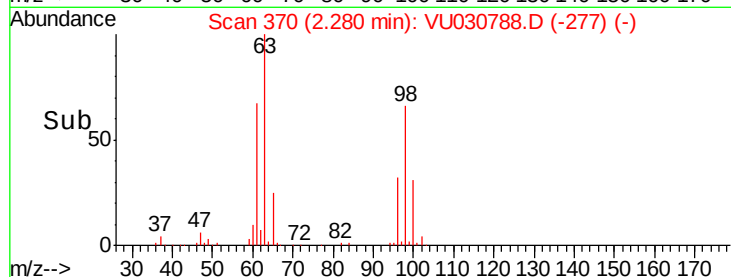
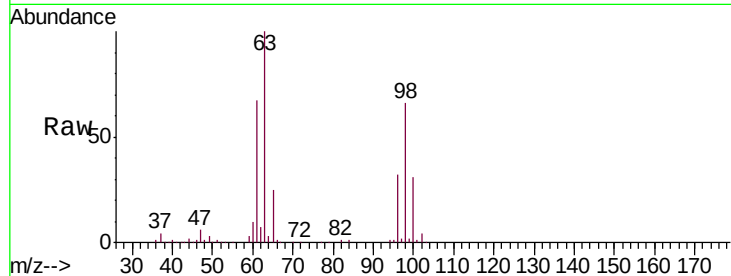




#12
 1,1-Dichloroethene
 Concen: 17.415 ug/L
 RT: 2.28 min Scan# 370
 Delta R.T. -0.00 min
 Lab File: VU030788.D
 Acq: 06 Apr 2019 09:50

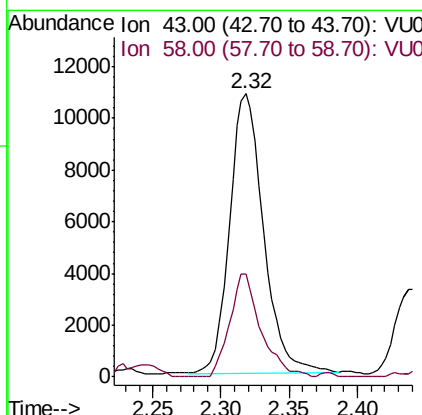
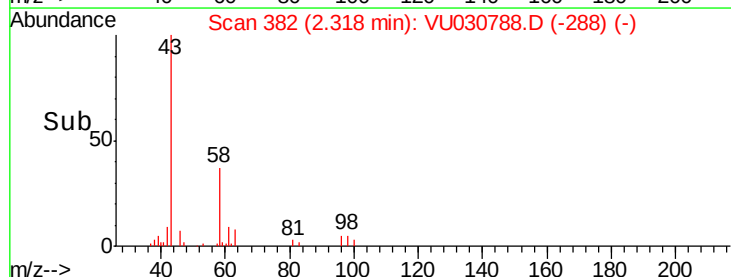
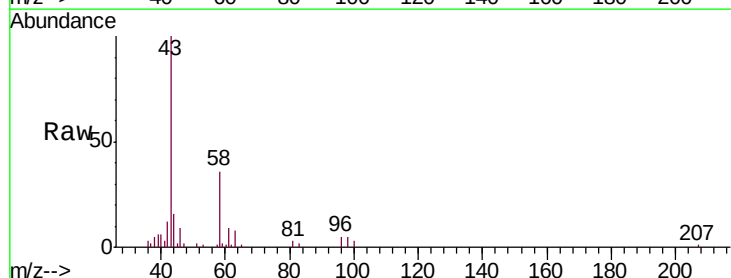
Instrument :
 MSVOA_U
 ClientSampleId :
 E3YE0

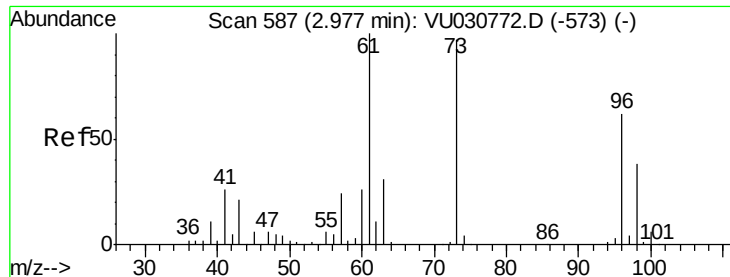
Tgt Ion: 96 Resp: 57038
 Ion Ratio Lower Upper
 96 100
 61 208.7 132.0 245.2
 63 312.5 90.9 168.9#



#13
 Acetone
 Concen: 5.446 ug/L
 RT: 2.32 min Scan# 382
 Delta R.T. 0.00 min
 Lab File: VU030788.D
 Acq: 06 Apr 2019 09:50

Tgt Ion: 43 Resp: 18682
 Ion Ratio Lower Upper
 43 100
 58 33.2 0.0 64.0





#17

trans-1,2-Dichloroethene

Concen: 7.991 ug/L

RT: 2.98 min Scan# 588

Delta R.T. 0.00 min

Lab File: VU030788.D

Acq: 06 Apr 2019 09:50

Instrument :

MSVOA_U

ClientSampled :

E3YE0

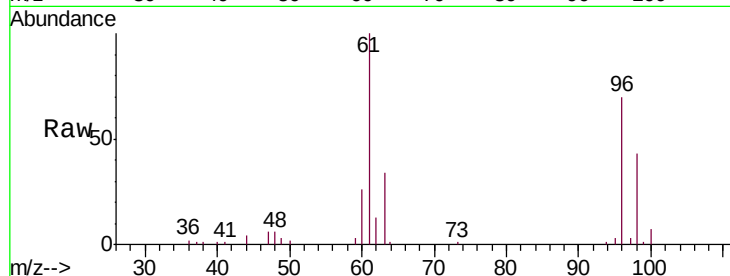
Tgt Ion: 96 Resp: 27788

Ion Ratio Lower Upper

96 100

61 143.3 109.5 203.3

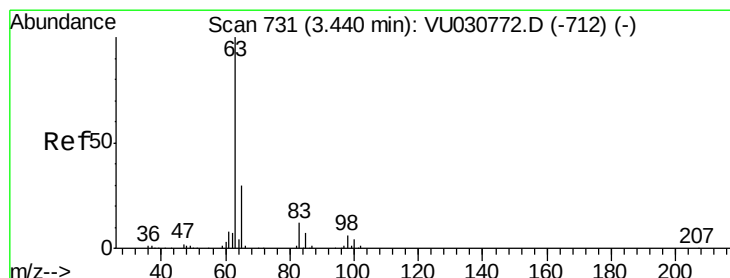
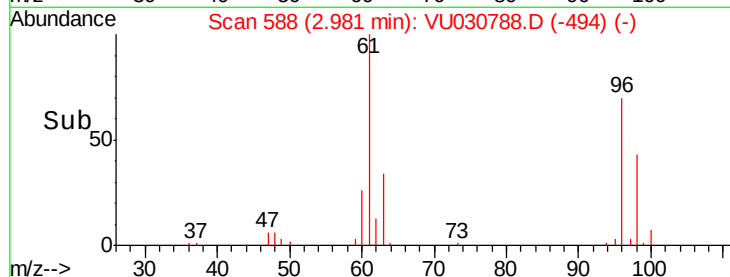
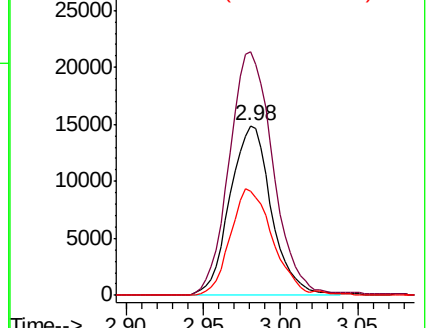
98 61.3 44.0 81.6



Abundance Ion 96.00 (95.70 to 96.70): VU030772.D (-573) (-)

Ion 61.00 (60.70 to 61.70): VU030772.D (-573) (-)

Ion 98.00 (97.70 to 98.70): VU030772.D (-573) (-)



#19

1,1-Dichloroethane

Concen: 101.096 ug/L

RT: 3.44 min Scan# 731

Delta R.T. -0.00 min

Lab File: VU030788.D

Acq: 06 Apr 2019 09:50

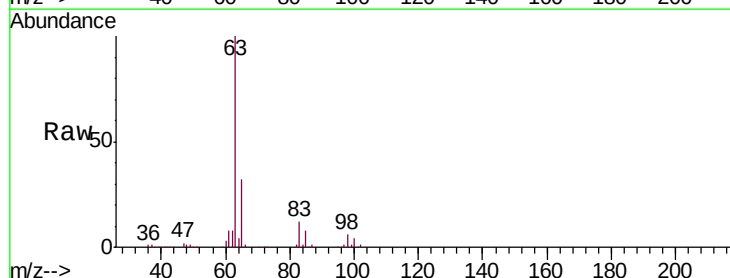
Tgt Ion: 63 Resp: 725514

Ion Ratio Lower Upper

63 100

65 32.1 21.4 39.8

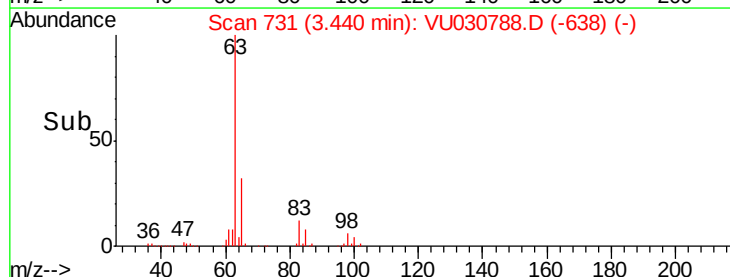
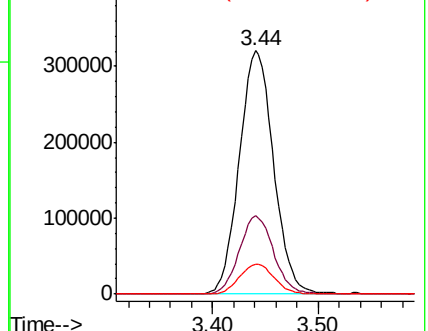
83 12.2 8.5 15.7

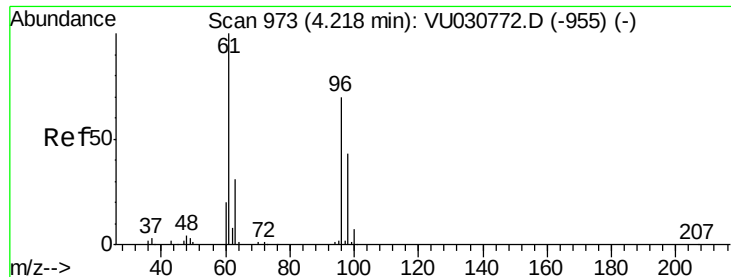


Abundance Ion 63.00 (62.70 to 63.70): VU030772.D (-712) (-)

Ion 65.00 (64.70 to 65.70): VU030772.D (-712) (-)

Ion 83.00 (82.70 to 83.70): VU030772.D (-712) (-)





#20

cis-1,2-Dichloroethene

Concen: 482.478 ug/L

RT: 4.22 min Scan# 973

Delta R.T. -0.00 min

Lab File: VU030788.D

Acq: 06 Apr 2019 09:50

Instrument :

MSVOA_U

ClientSampled :

E3YE0

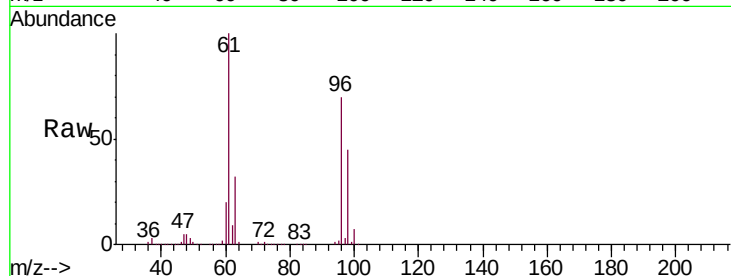
Tgt Ion: 96 Resp: 1852588

Ion Ratio Lower Upper

96 100

61 143.8 102.9 191.1

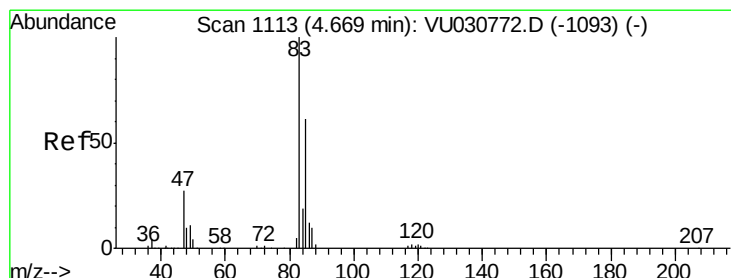
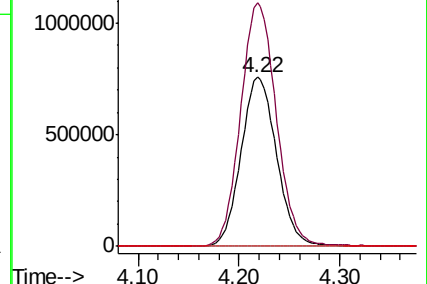
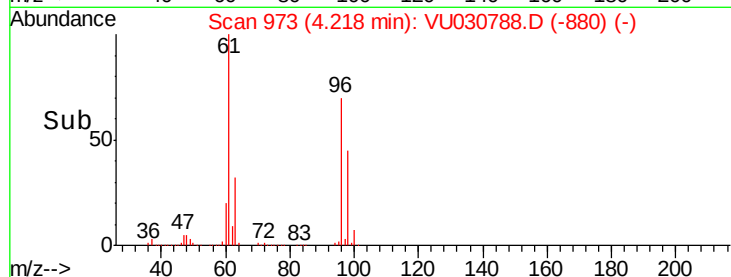
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU030788.D (-880) (-)

Ion 61.00 (60.70 to 61.70): VU030788.D (-880) (-)

Ion 68.00 (67.70 to 68.70): VU030788.D (-880) (-)



#25

Chloroform

Concen: 4.817 ug/L

RT: 4.67 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VU030788.D

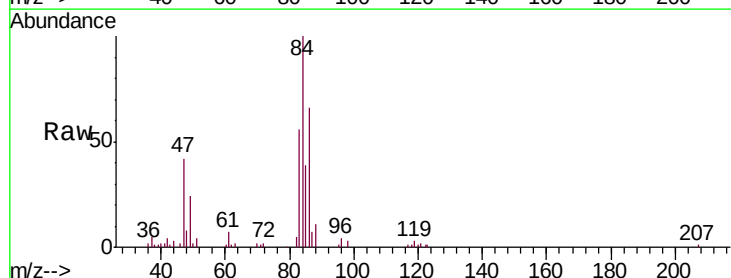
Acq: 06 Apr 2019 09:50

Tgt Ion: 83 Resp: 34741

Ion Ratio Lower Upper

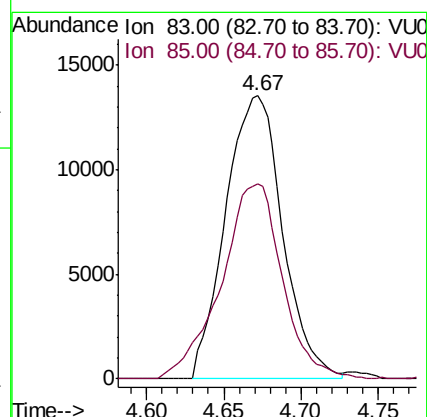
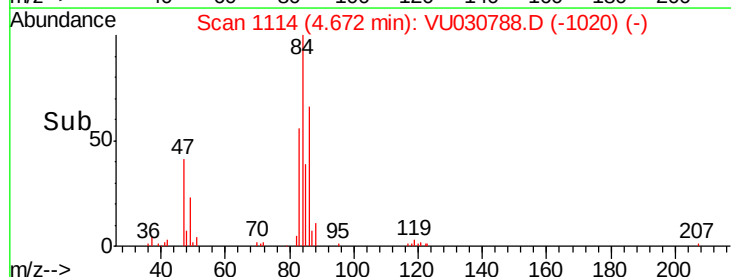
83 100

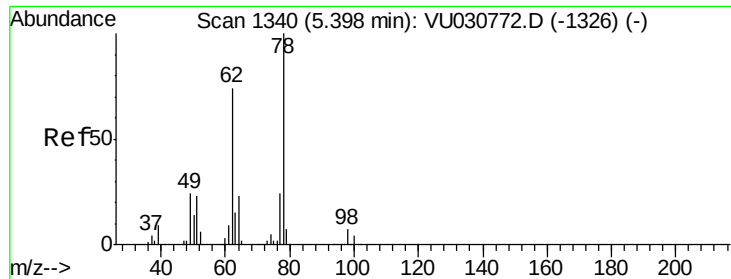
85 69.0 45.8 85.0



Abundance Ion 83.00 (82.70 to 83.70): VU030788.D (-1020) (-)

Ion 85.00 (84.70 to 85.70): VU030788.D (-1020) (-)

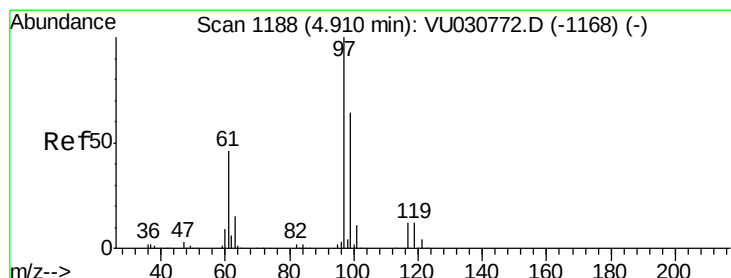
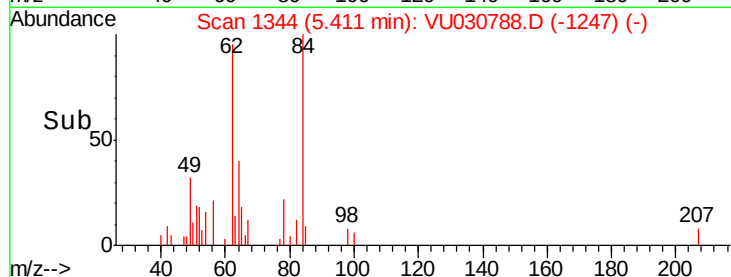
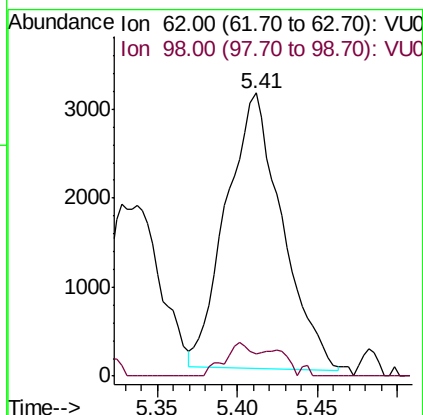
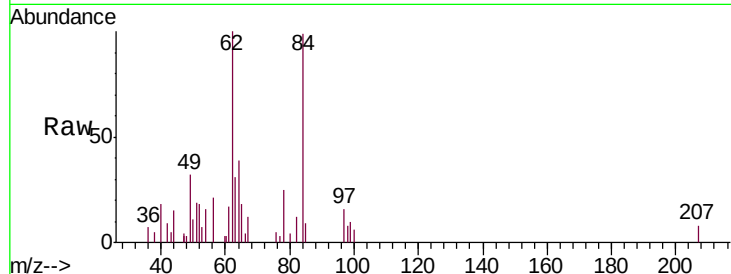




#27
 1,2-Dichloroethane
 Concen: 1.344 ug/L
 RT: 5.41 min Scan# 1344
 Delta R.T. 0.01 min
 Lab File: VU030788.D
 Acq: 06 Apr 2019 09:50

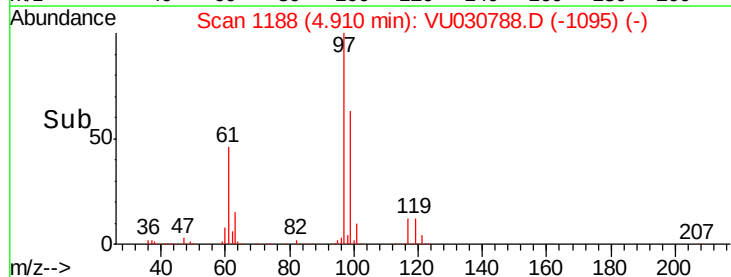
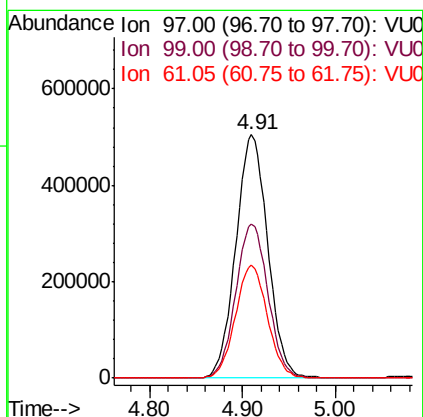
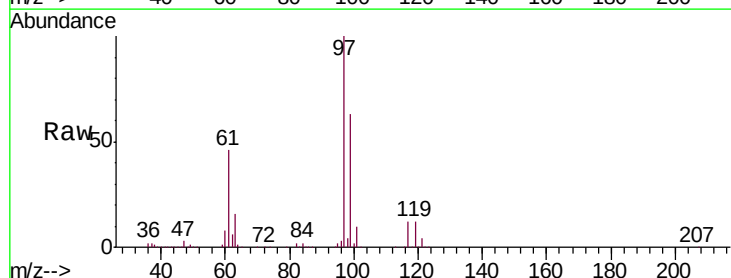
Instrument :
 MSVOA_U
 ClientSampleId :
 E3YE0

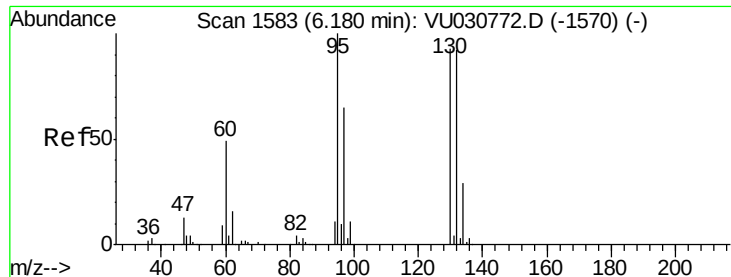
Tgt Ion: 62 Resp: 7398
 Ion Ratio Lower Upper
 62 100
 98 8.1 7.2 10.8



#30
 1,1,1-Trichloroethane
 Concen: 212.606 ug/L
 RT: 4.91 min Scan# 1188
 Delta R.T. -0.00 min
 Lab File: VU030788.D
 Acq: 06 Apr 2019 09:50

Tgt Ion: 97 Resp: 1207208
 Ion Ratio Lower Upper
 97 100
 99 64.0 51.4 77.2
 61 46.3 37.1 55.7





#34

Trichloroethene

Concen: 5.020 ug/L

RT: 6.19 min Scan# 1585

Delta R.T. 0.01 min

Lab File: VU030788.D

Acq: 06 Apr 2019 09:50

Instrument :

MSVOA_U

ClientSampleId :

E3YE0

Tgt Ion: 95 Resp: 18771

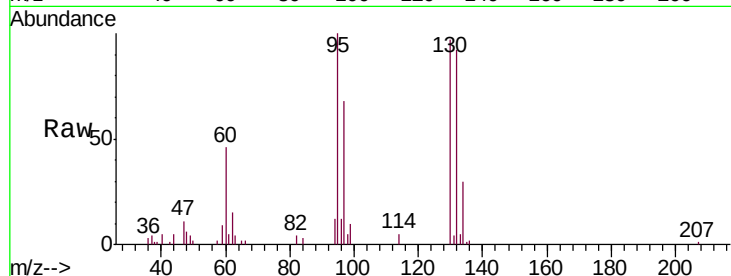
Ion Ratio Lower Upper

95 100

97 68.0 44.5 82.7

132 92.4 61.5 114.1

130 96.7 64.9 120.5

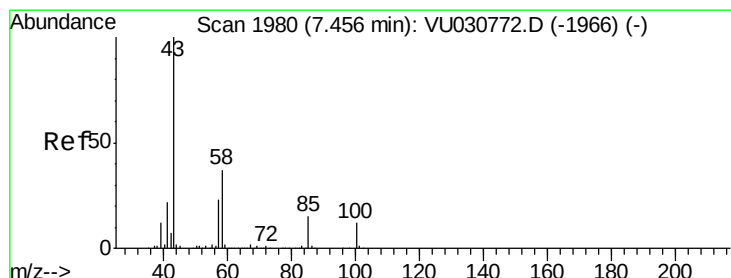
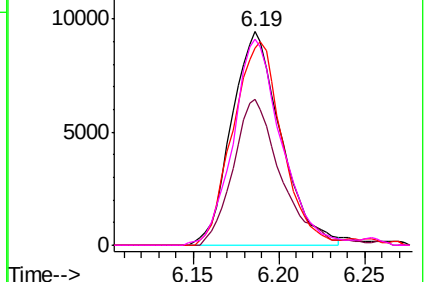
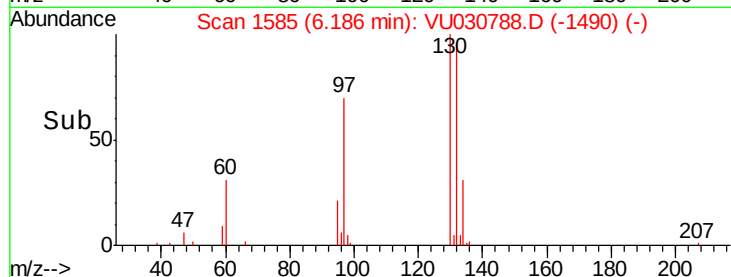


Abundance Ion 95.00 (94.70 to 95.70): VU030772.D (-1570) (-)

Ion 97.00 (96.70 to 97.70): VU030772.D (-1570) (-)

Ion 132.00 (131.70 to 132.70): VU030772.D (-1570) (-)

Ion 130.00 (129.70 to 130.70): VU030772.D (-1570) (-)



#40

4-Methyl-2-pentanone

Concen: 0.536 ug/L

RT: 7.47 min Scan# 1983

Delta R.T. 0.01 min

Lab File: VU030788.D

Acq: 06 Apr 2019 09:50

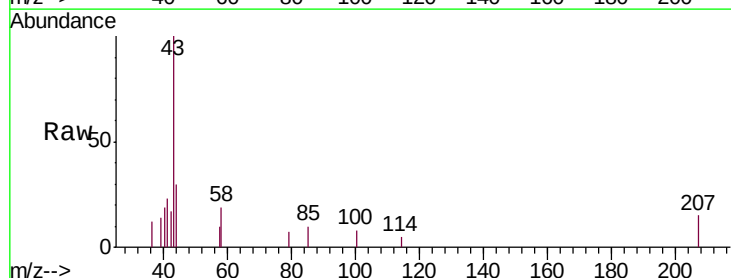
Tgt Ion: 43 Resp: 3718

Ion Ratio Lower Upper

43 100

58 8.3 29.7 44.5#

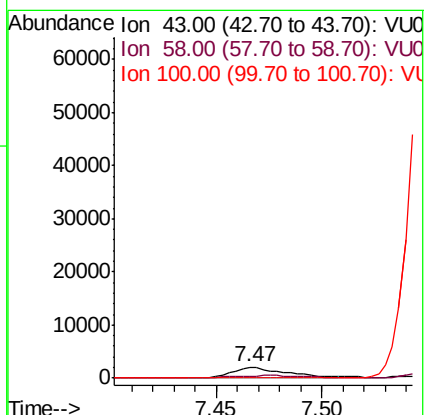
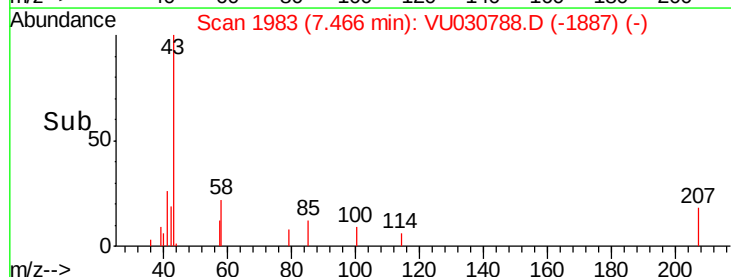
100 2.2 9.8 14.6#

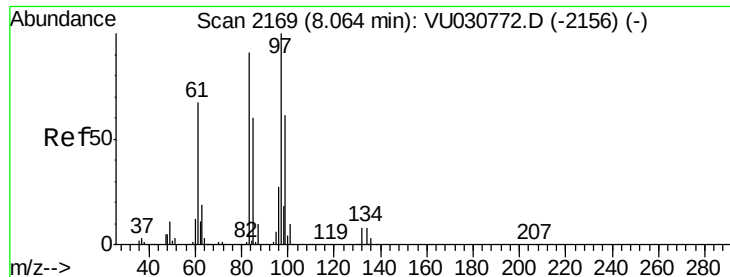


Abundance Ion 43.00 (42.70 to 43.70): VU030772.D (-1966) (-)

Ion 58.00 (57.70 to 58.70): VU030772.D (-1966) (-)

Ion 100.00 (99.70 to 100.70): VU030772.D (-1966) (-)

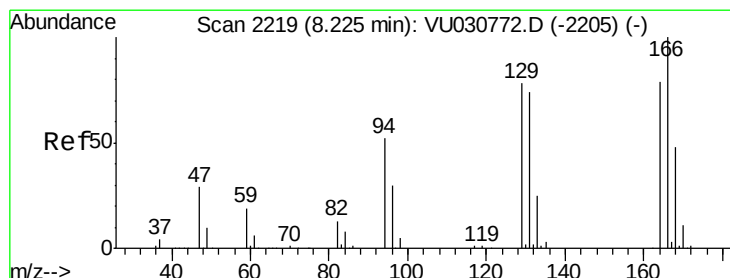
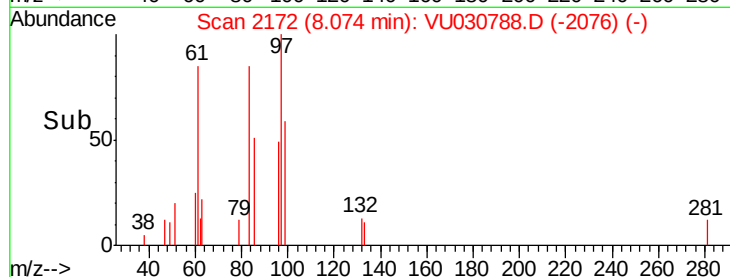
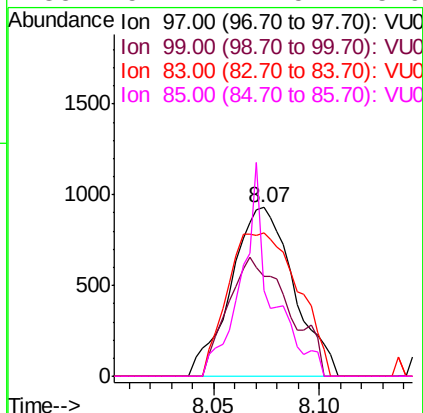
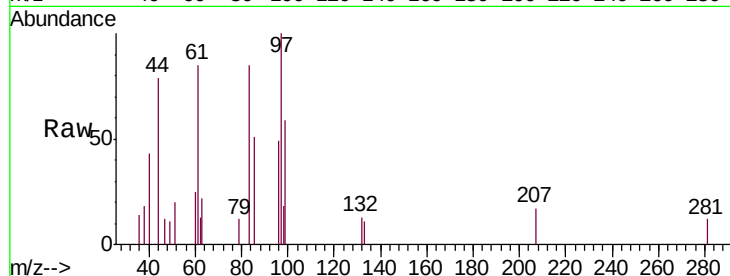




#45
 1,1,2-Trichloroethane
 Concen: 0.526 ug/L
 RT: 8.07 min Scan# 2172
 Delta R.T. 0.01 min
 Lab File: VU030788.D
 Acq: 06 Apr 2019 09:50

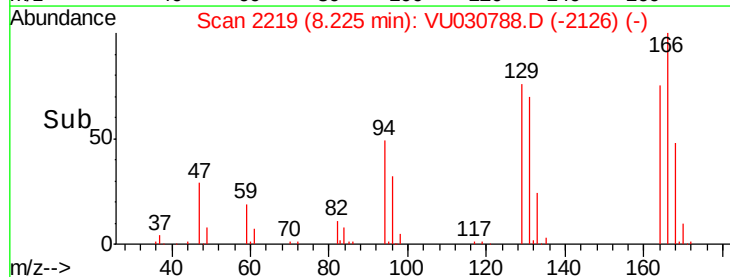
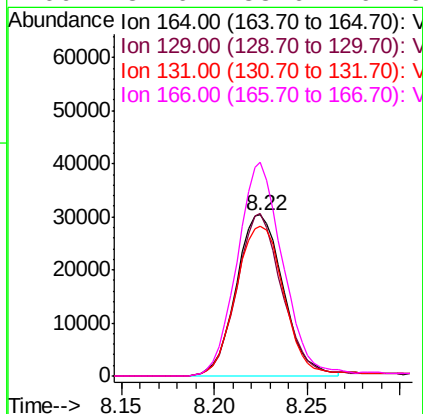
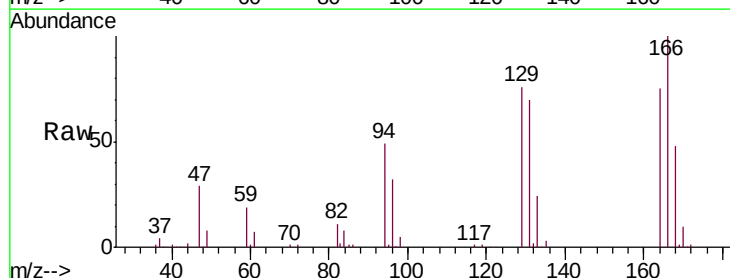
Instrument :
 MSVOA_U
 ClientSampleId :
 E3YE0

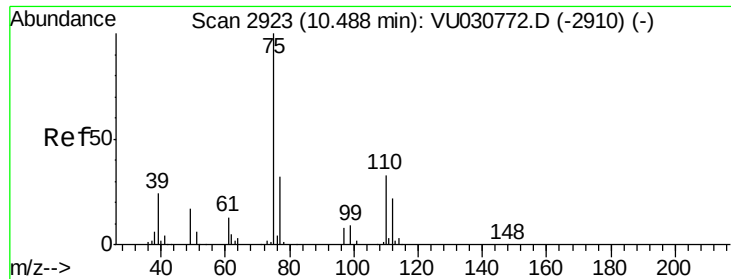
Tgt Ion:	97	Resp:	1926
Ion	Ratio	Lower	Upper
97	100		
99	58.9	44.0	81.8
83	84.6	65.3	121.3
85	51.2	42.5	78.9



#46
 Tetrachloroethene
 Concen: 19.751 ug/L
 RT: 8.22 min Scan# 2219
 Delta R.T. -0.00 min
 Lab File: VU030788.D
 Acq: 06 Apr 2019 09:50

Tgt Ion:	164	Resp:	53699
Ion	Ratio	Lower	Upper
164	100		
129	100.8	67.4	125.2
131	93.0	65.9	122.5
166	132.6	88.6	164.6





#59

1,2,3-Trichloropropane

Concen: 4.754 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU030788.D

Acq: 06 Apr 2019 09:50

Instrument :

MSVOA_U

ClientSampleId :

E3YE0

Tgt Ion: 75 Resp: 24581

Ion Ratio Lower Upper

75 100

77 39.4 26.1 39.1#

