

Data File : VU030783.D
Acq On : 06 Apr 2019 07:55
Operator : JC/SP
Sample : K2277-13 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF1C3

Quant Time: Apr 08 01:07:56 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	494958	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	484157	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	197394	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	178050	40.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.60%
7) Chloroethane-d5	1.68	69	152132	45.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.74%
11) 1,1-Dichloroethene-d2	2.27	63	256286	32.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.14%
21) 2-Butanone-d5	4.17	46	376170	107.42	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.42%
24) Chloroform-d	4.64	84	303514	44.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.94%
26) 1,2-Dichloroethane-d4	5.31	65	222566	48.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.66%
32) Benzene-d6	5.33	84	617176	43.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.34%
36) 1,2-Dichloropropane-d6	6.32	67	223191	46.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.16%
41) Toluene-d8	7.56	98	516997	41.27	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.54%
43) trans-1,3-Dichloropropene-	7.85	79	90268	40.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.74%
47) 2-Hexanone-d5	8.31	63	232792	105.15	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.15%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	318072	48.68	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.36%
64) 1,2-Dichlorobenzene-d4	11.86	152	186171	47.96	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.92%

Target Compounds

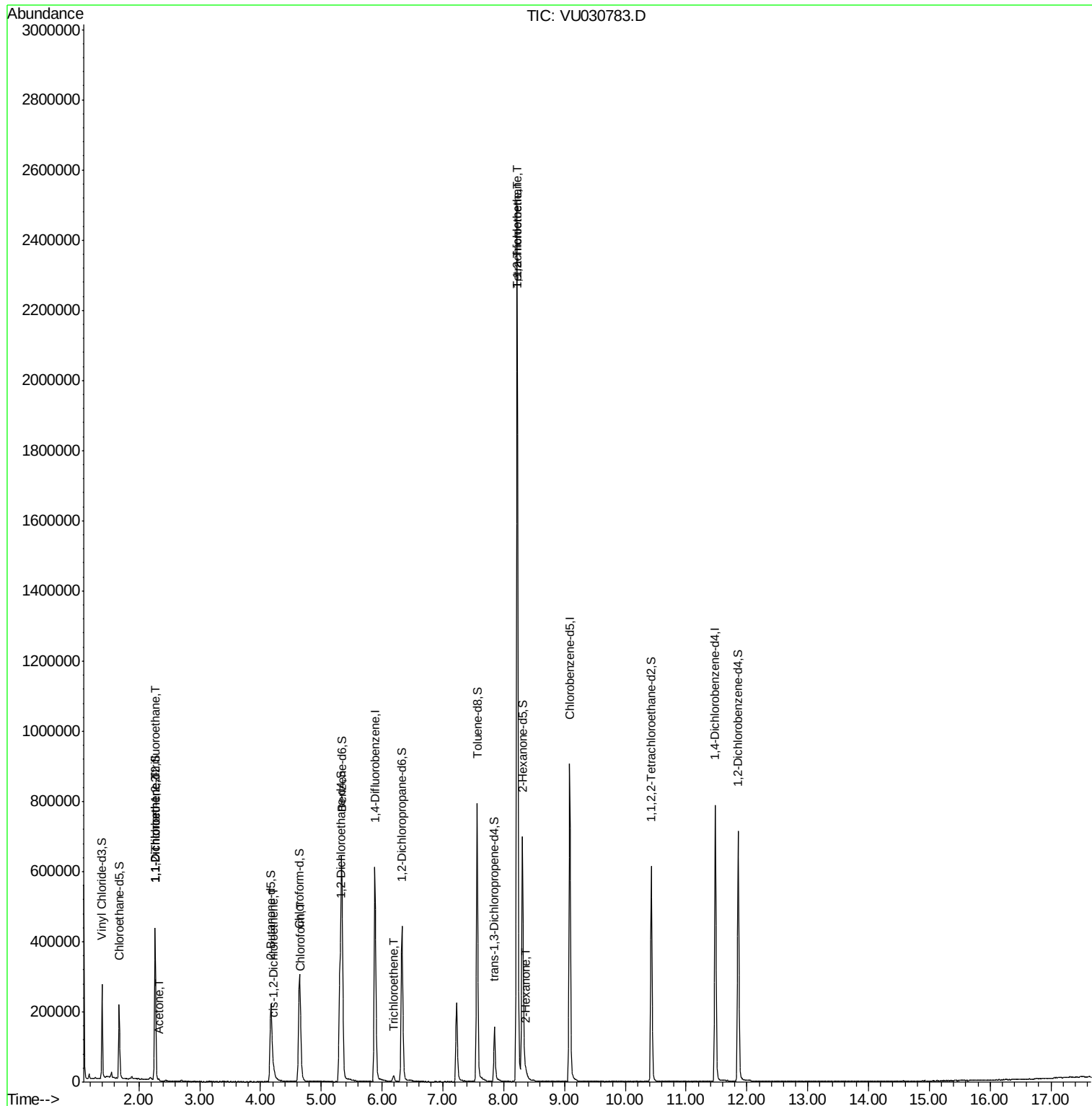
						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2261	0.638	ug/L #	20
12) 1,1-Dichloroethene	2.27	96	3006	0.879	ug/L #	1
13) Acetone	2.32	43	1788	0.499	ug/L	78
20) cis-1,2-Dichloroethene	4.22	96	3073	0.766	ug/L	94
25) Chloroform	4.67	83	23035	3.057	ug/L	99
34) Trichloroethene	6.19	95	5726	1.474	ug/L	89
45) 1,1,2-Trichloroethane	8.22	97	4881	1.283	ug/L #	1
46) Tetrachloroethene	8.22	164	546644	193.489	ug/L	98
48) 2-Hexanone	8.37	43	5518	0.980	ug/L #	48

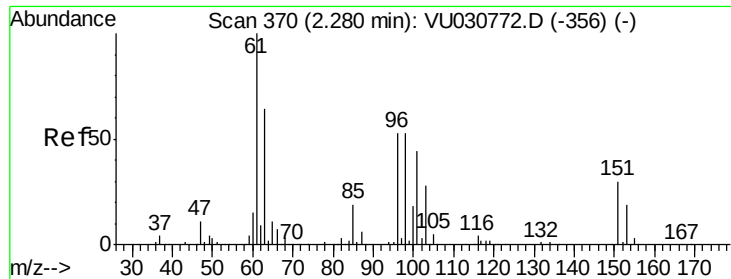
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.638 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU030783.D

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Instrument :

MSVOA_U

ClientSampleId :

BF1C3

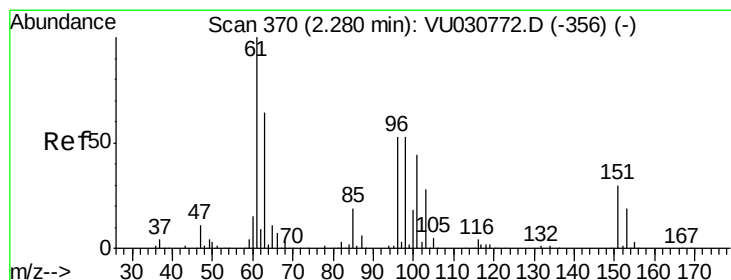
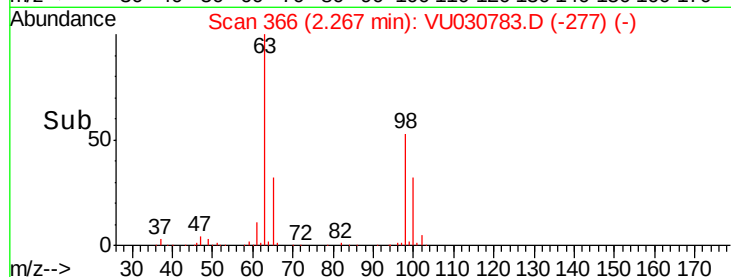
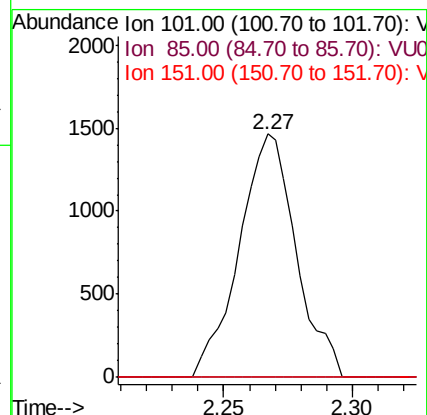
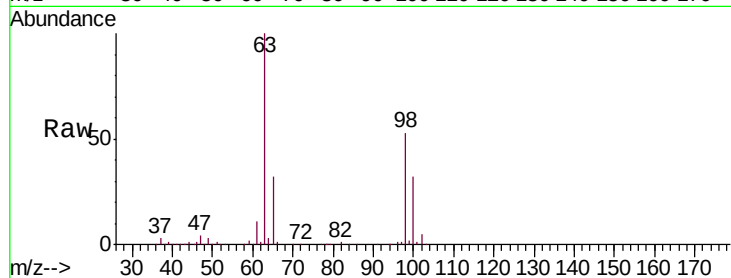
Tgt Ion: 101 Resp: 2261

Ion Ratio Lower Upper

101 100

85 0.0 36.8 55.2#

151 0.0 57.4 86.0#



#12

1,1-Dichloroethene

Concen: 0.879 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU030783.D

Acq: 06 Apr 2019 07:55

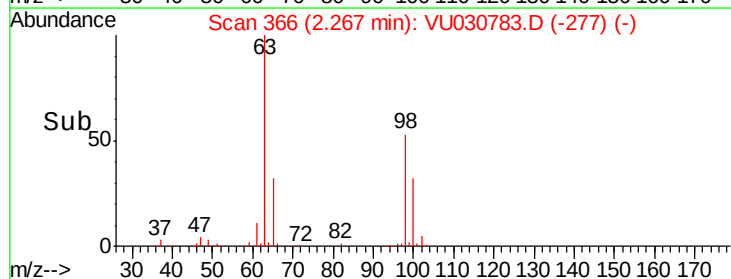
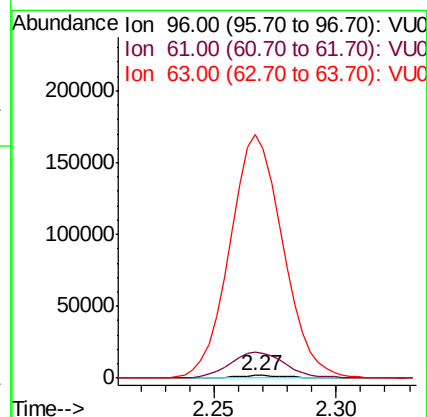
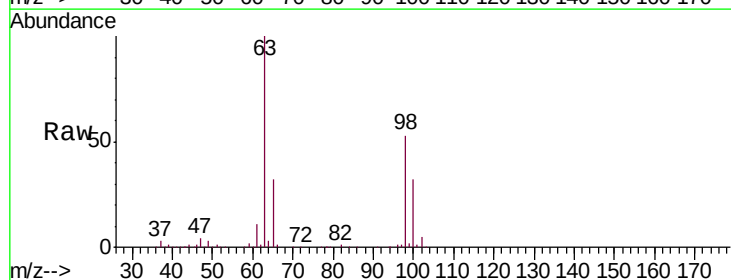
Tgt Ion: 96 Resp: 3006

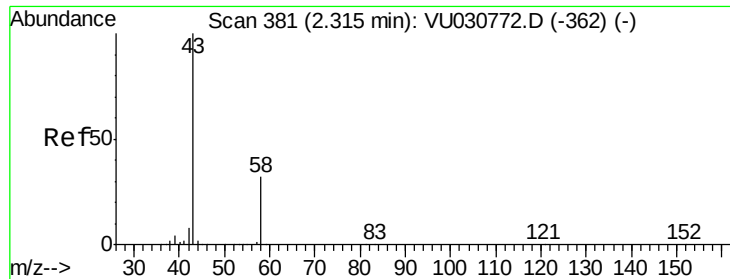
Ion Ratio Lower Upper

96 100

61 1058.9 132.0 245.2#

63 9902.8 90.9 168.9#





#13

Acetone

Concen: 0.499 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.01 min

Lab File: VU030783.D

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Instrument :

MSVOA_U

ClientSampleId :

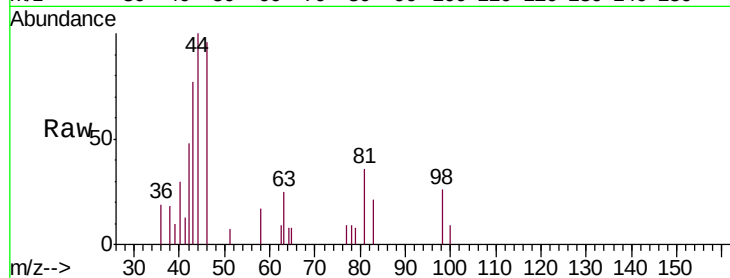
BF1C3

Tgt Ion: 43 Resp: 1788

Ion Ratio Lower Upper

43 100

58 19.5 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU030783.D (-288) (-)

Ion 58.00 (57.70 to 58.70): VU030783.D (-288) (-)

2.32

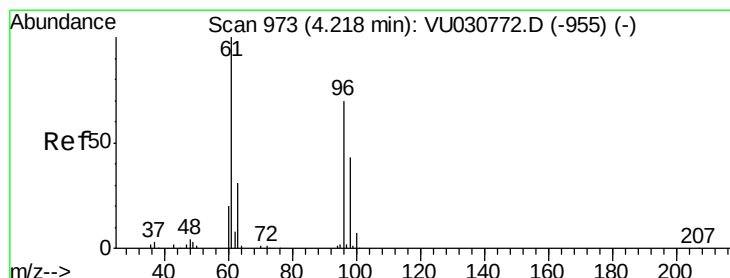
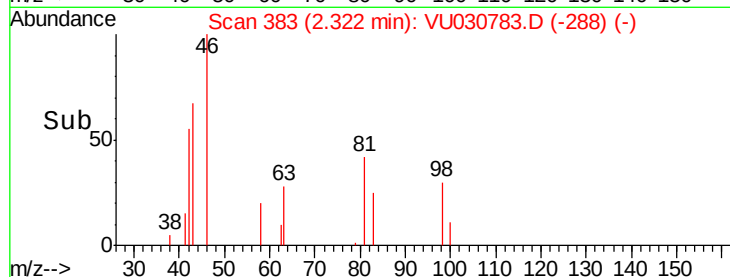
1000

500

0

2.30 2.35

Time-->



#20

cis-1,2-Dichloroethene

Concen: 0.766 ug/L

RT: 4.22 min Scan# 973

Delta R.T. 0.00 min

Lab File: VU030783.D

Acq: 06 Apr 2019 07:55

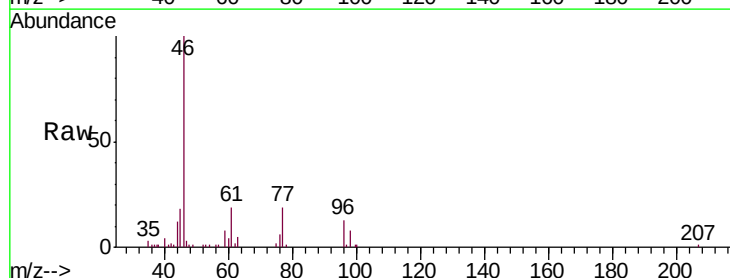
Tgt Ion: 96 Resp: 3073

Ion Ratio Lower Upper

96 100

61 154.7 102.9 191.1

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU030783.D (-880) (-)

Ion 61.00 (60.70 to 61.70): VU030783.D (-880) (-)

Ion 68.00 (67.70 to 68.70): VU030783.D (-880) (-)

4.22

4000

3000

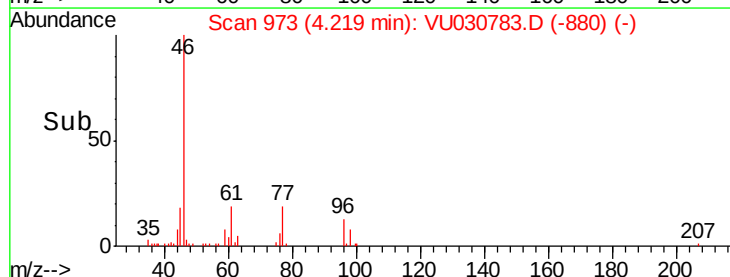
2000

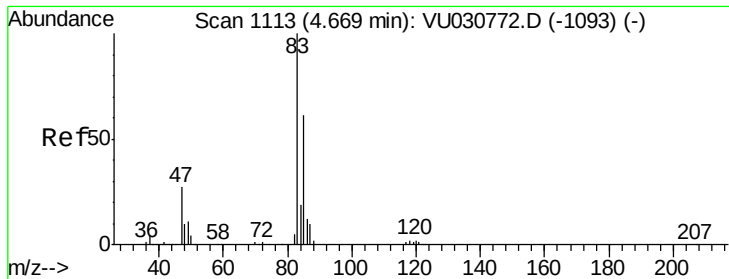
1000

0

4.18 4.20 4.22

Time-->

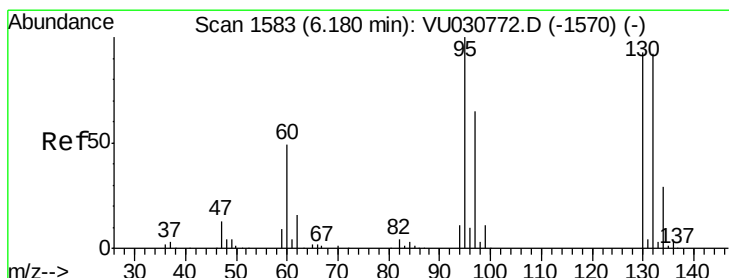
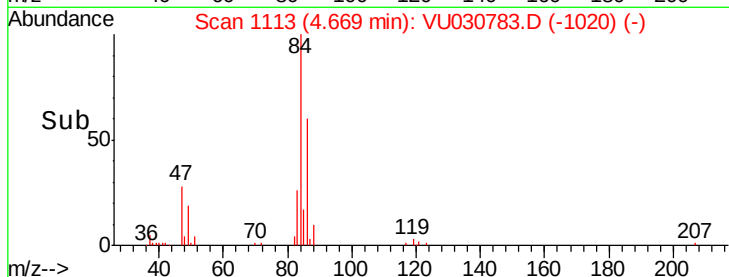
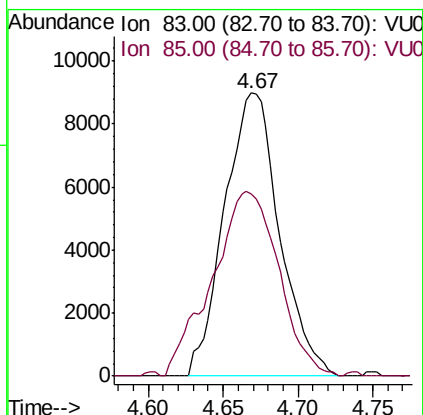
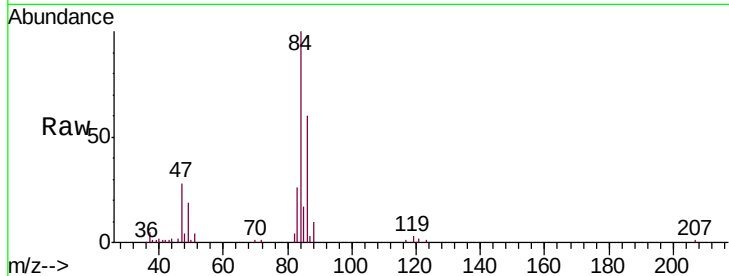




#25
Chloroform
Concen: 3.057 ug/L
RT: 4.67 min Scan# 1113
Delta R.T. 0.00 min
Lab File: VU030783.D
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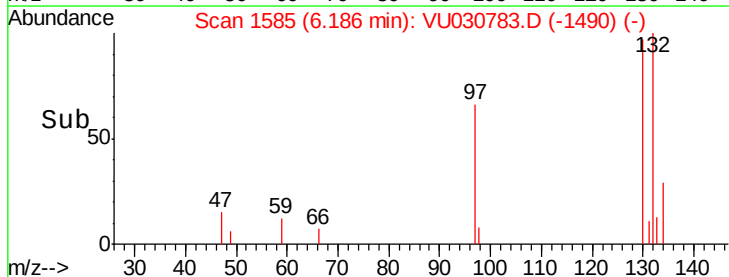
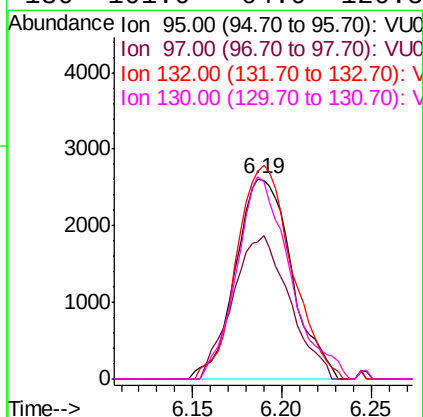
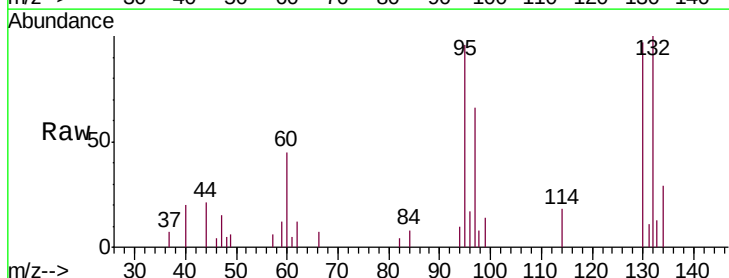
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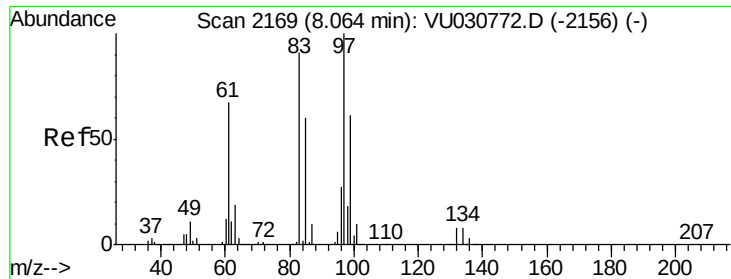
Tgt Ion: 83 Resp: 23035
Ion Ratio Lower Upper
83 100
85 64.6 45.8 85.0



#34
Trichloroethene
Concen: 1.474 ug/L
RT: 6.19 min Scan# 1585
Delta R.T. 0.01 min
Lab File: VU030783.D
Acq: 06 Apr 2019 07:55

Tgt Ion: 95 Resp: 5726
Ion Ratio Lower Upper
95 100
97 68.4 44.5 82.7
132 103.9 61.5 114.1
130 101.0 64.9 120.5

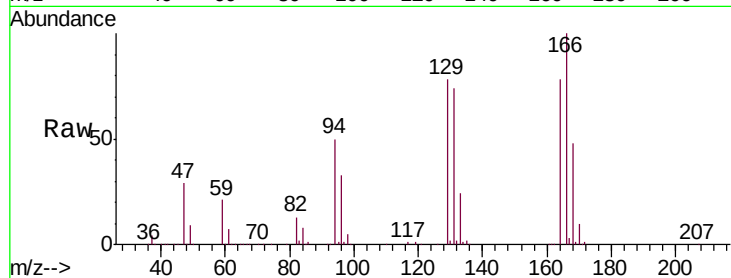




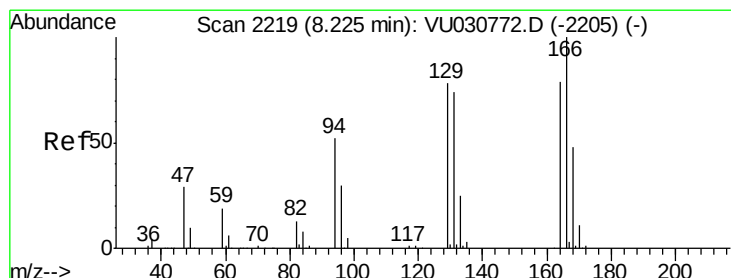
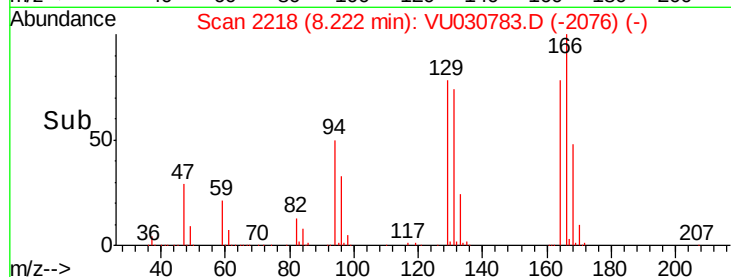
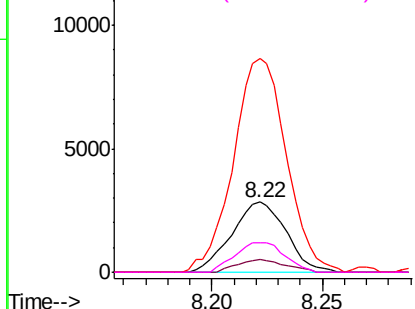
#45
 1,1,2-Trichloroethane
 Concen: 1.283 ug/L
 RT: 8.22 min Scan# 2218
 Delta R.T. 0.16 min
 Lab File: VU030783.D
 Acq: 06 Apr 2019 07:55

Instrument :
 MSVOA_U
 ClientSampleId :
 BF1C3

Tgt Ion: 97 Resp: 4881
 Ion Ratio Lower Upper
 97 100
 99 17.8 44.0 81.8#
 83 303.7 65.3 121.3#
 85 41.5 42.5 78.9#

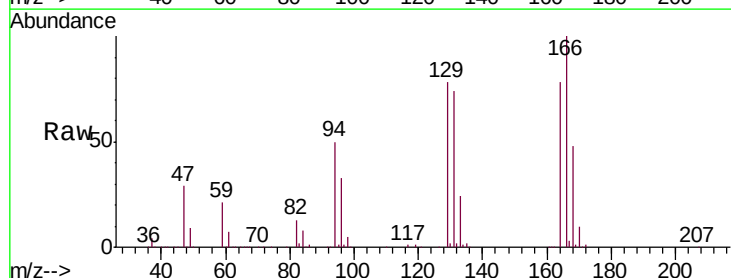


Abundance Ion 97.00 (96.70 to 97.70): VU0
 Ion 99.00 (98.70 to 99.70): VU0
 Ion 83.00 (82.70 to 83.70): VU0
 Ion 85.00 (84.70 to 85.70): VU0

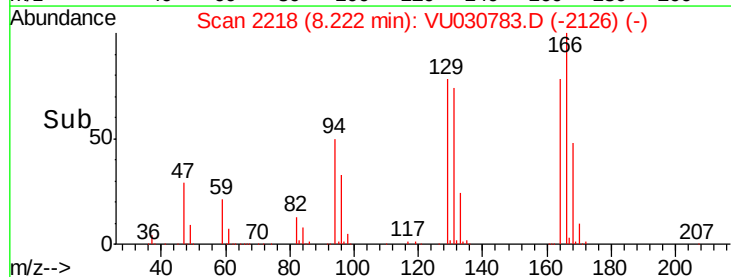
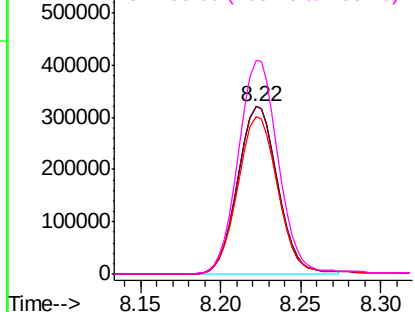


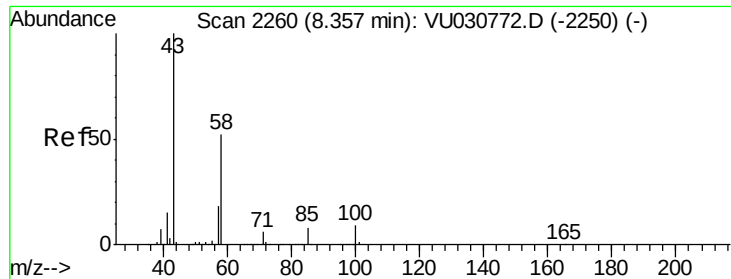
#46
 Tetrachloroethene
 Concen: 193.489 ug/L
 RT: 8.22 min Scan# 2218
 Delta R.T. -0.00 min
 Lab File: VU030783.D
 Acq: 06 Apr 2019 07:55

Tgt Ion:164 Resp: 546644
 Ion Ratio Lower Upper
 164 100
 129 100.1 67.4 125.2
 131 93.9 65.9 122.5
 166 127.7 88.6 164.6



Abundance Ion 164.00 (163.70 to 164.70): V
 Ion 129.00 (128.70 to 129.70): V
 Ion 131.00 (130.70 to 131.70): V
 Ion 166.00 (165.70 to 166.70): V





#48
 2-Hexanone
 Concen: 0.980 ug/L
 RT: 8.37 min Scan# 2264
 Delta R.T. 0.01 min
 Lab File: VU030783.D
 Acq: 06 Apr 2019 07:55

Instrument :
 MSVOA_U
 ClientSampleId :
 BF1C3

Tgt Ion: 43 Resp: 5518
 Ion Ratio Lower Upper
 43 100
 58 0.0 41.9 62.9#
 57 22.7 14.3 21.5#
 100 6.9 7.1 10.7#

