

Data File : VU031426.D
Acq On : 23 Apr 2019 10:34
Operator : JC/SP
Sample : K2477-03RE
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0X52RE

Quant Time: Apr 24 06:03:32 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042319WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Apr 24 06:00:22 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	615423	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	569252	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	238836	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	216219	43.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.72%
7) Chloroethane-d5	1.68	69	178653	47.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.10%
11) 1,1-Dichloroethene-d2	2.27	63	306293	35.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.62%
21) 2-Butanone-d5	4.19	46	357053	95.77	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.77%
24) Chloroform-d	4.64	84	353124	44.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.88%
26) 1,2-Dichloroethane-d4	5.31	65	219647	46.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.28%
32) Benzene-d6	5.34	84	736104	44.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.52%
36) 1,2-Dichloropropane-d6	6.32	67	242216	45.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.54%
41) Toluene-d8	7.56	98	650206	44.27	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.54%
43) trans-1,3-Dichloropropene-	7.85	79	106121	44.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.02%
47) 2-Hexanone-d5	8.31	63	244891	92.37	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.37%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	325929	45.40	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	228061	46.71	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.42%

Target Compounds

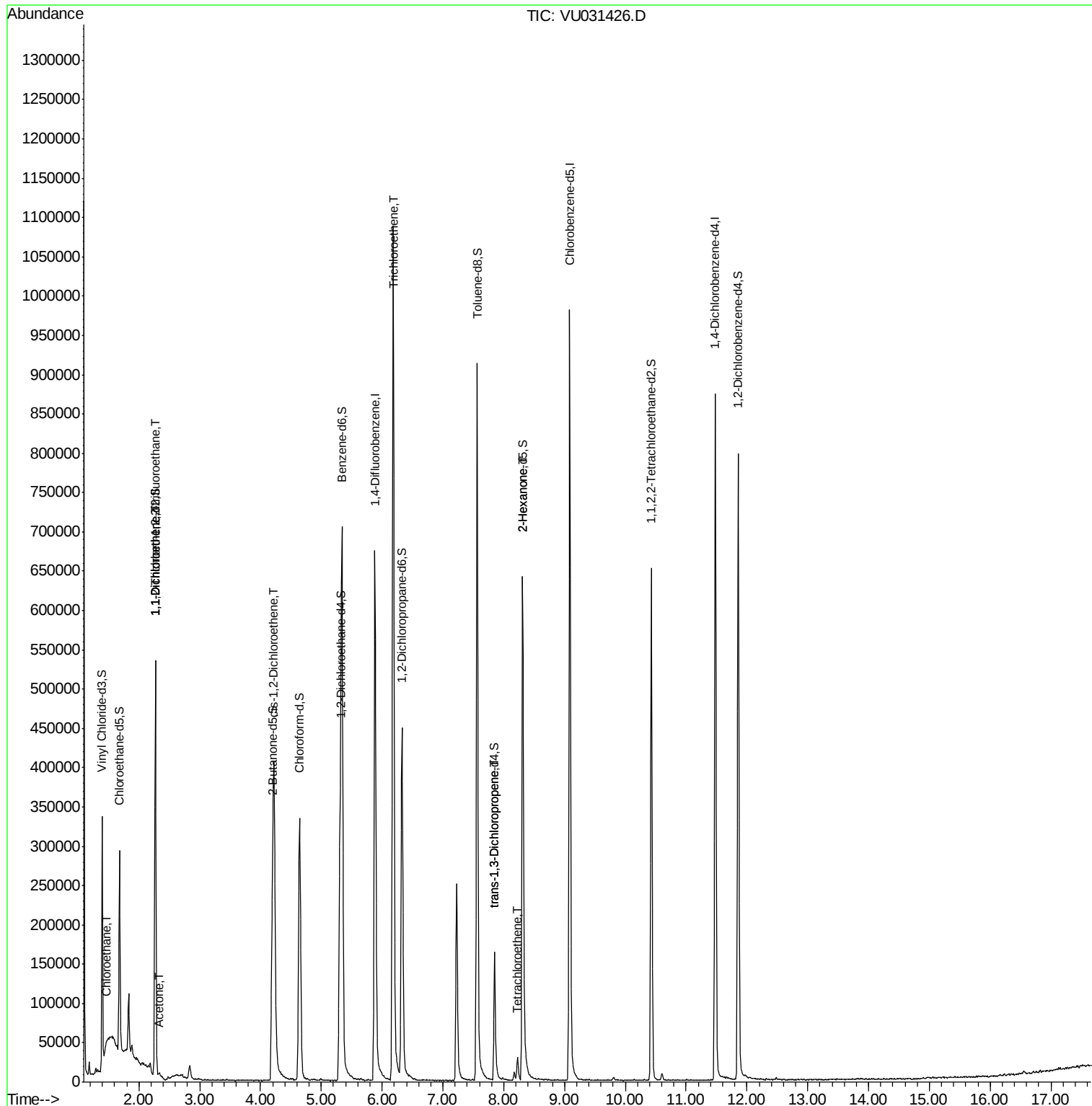
					Qvalue	
8) Chloroethane	1.47	64	84408	27.021	ug/L #	51
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2962	0.777	ug/L #	19
12) 1,1-Dichloroethene	2.27	96	2240	0.597	ug/L #	1
13) Acetone	2.34	43	2427	0.829	ug/L	99
20) cis-1,2-Dichloroethene	4.22	96	180705	41.187	ug/L	97
34) Trichloroethene	6.18	95	403547	92.495	ug/L	98
44) trans-1,3-Dichloropropene	7.85	75	4434	0.783	ug/L	94
46) Tetrachloroethene	8.22	164	8073	2.609	ug/L	94
48) 2-Hexanone	8.31	43	25697	4.939	ug/L #	75

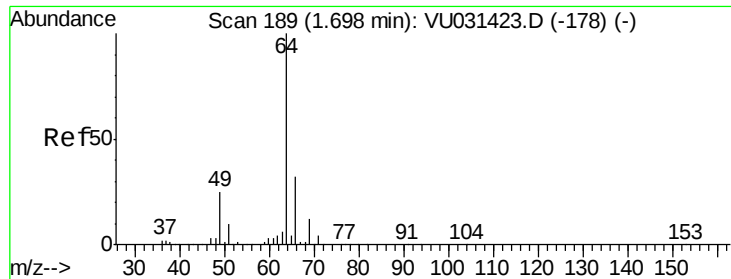
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Apr 24 06:00:22 2019
Response via : Initial Calibration





#8

Chloroethane

Concen: 27.021 ug/L

RT: 1.47 min Scan# 118

Delta R.T. -0.23 min

Lab File: VU031426.D

Acq: 23 Apr 2019 10:34

Instrument :

MSVOA_U

ClientSampleId :

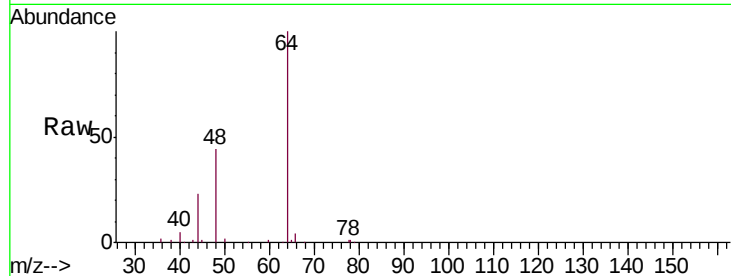
C0X52RE

Tgt Ion: 64 Resp: 84408

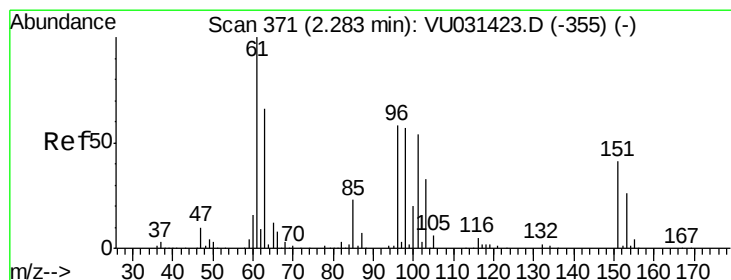
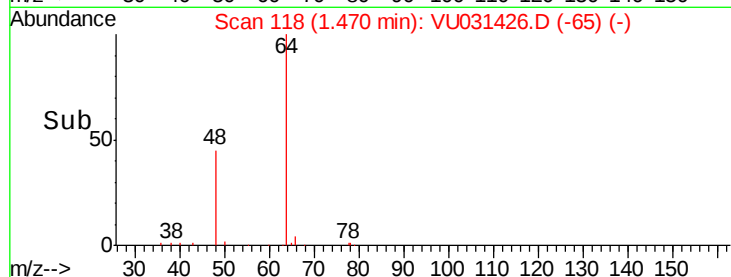
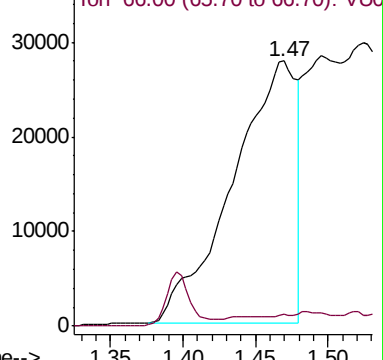
Ion Ratio Lower Upper

64 100

66 4.4 22.1 41.1#



Abundance Ion 64.00 (63.70 to 64.70): VU031426.D (-65) (-)



#10

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

Concen: 0.777 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.02 min

Lab File: VU031426.D

Acq: 23 Apr 2019 10:34

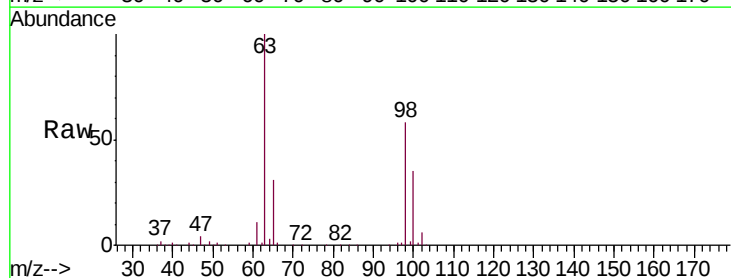
Tgt Ion: 101 Resp: 2962

Ion Ratio Lower Upper

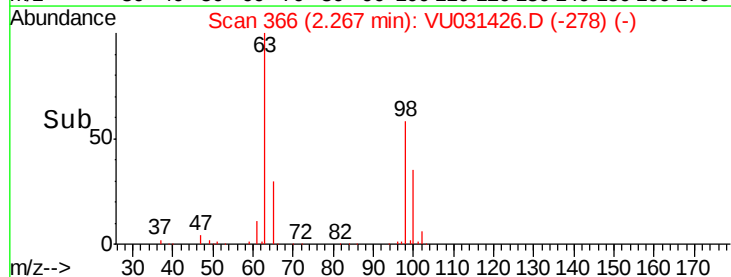
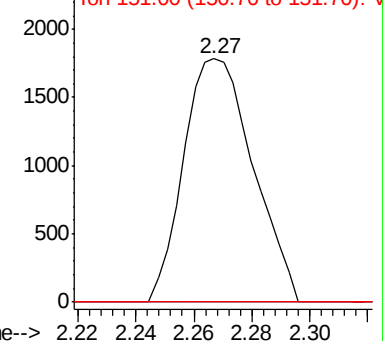
101 100

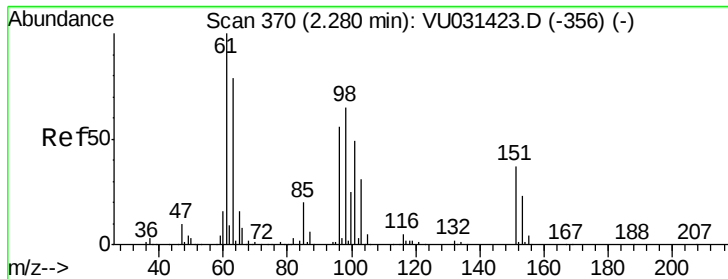
85 0.0 33.1 49.7#

151 0.0 61.4 92.0#



Abundance Ion 101.00 (100.70 to 101.70): VU031426.D (-278) (-)





#12

1,1-Dichloroethene

Concen: 0.597 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU031426.D

Acq: 23 Apr 2019 10:34

Instrument :

MSVOA_U

ClientSampled :

C0X52RE

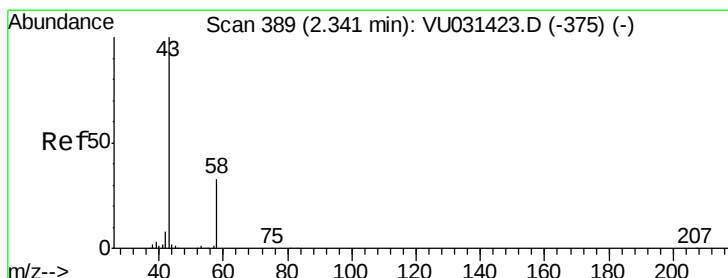
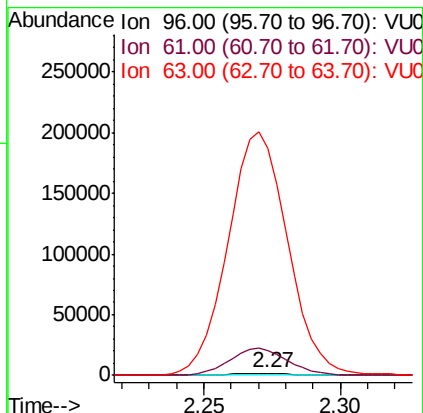
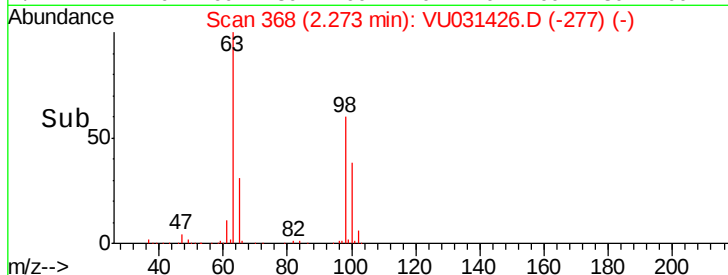
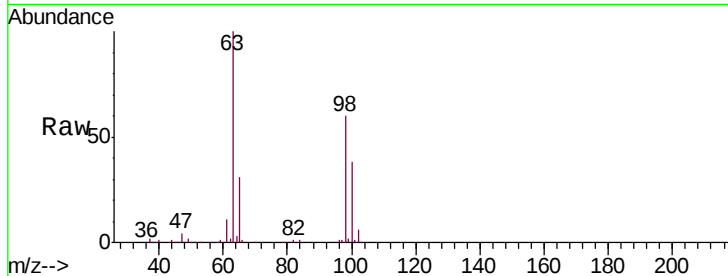
Tgt Ion: 96 Resp: 2240

Ion Ratio Lower Upper

96 100

61 1513.1 118.9 220.9#

63 13532.2 99.3 184.3#



#13

Acetone

Concen: 0.829 ug/L

RT: 2.34 min Scan# 390

Delta R.T. 0.00 min

Lab File: VU031426.D

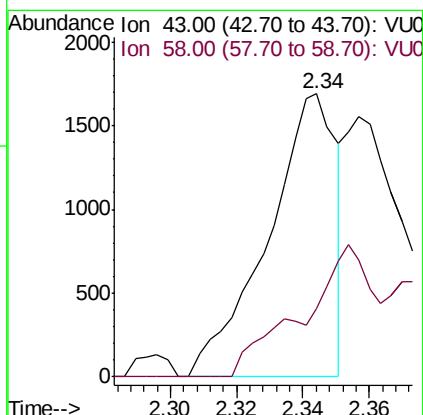
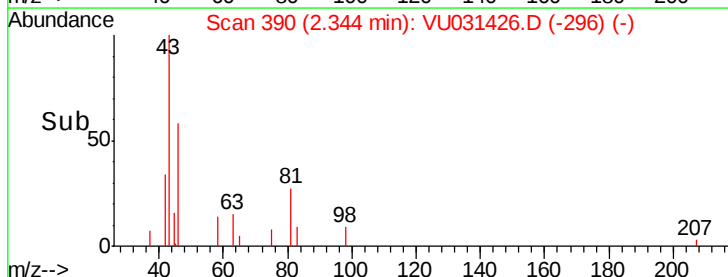
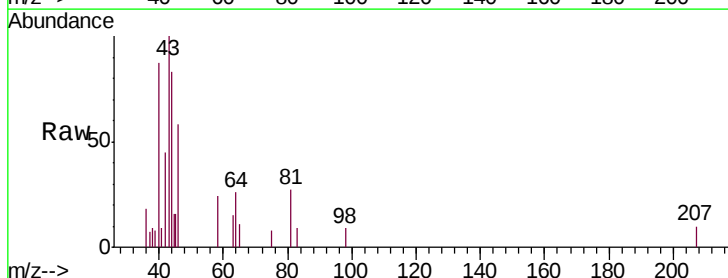
Acq: 23 Apr 2019 10:34

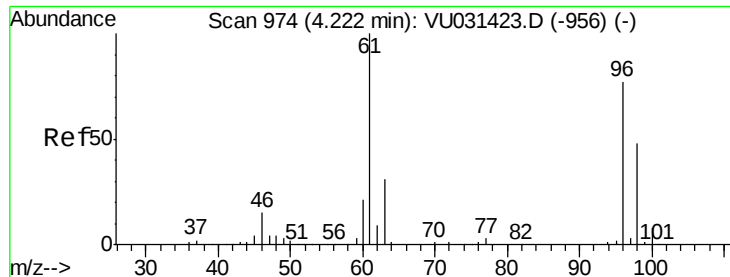
Tgt Ion: 43 Resp: 2427

Ion Ratio Lower Upper

43 100

58 32.5 0.0 66.4

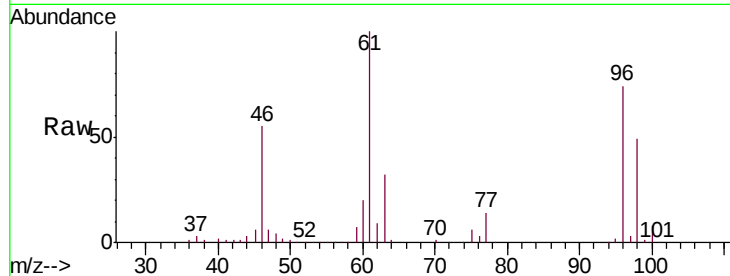




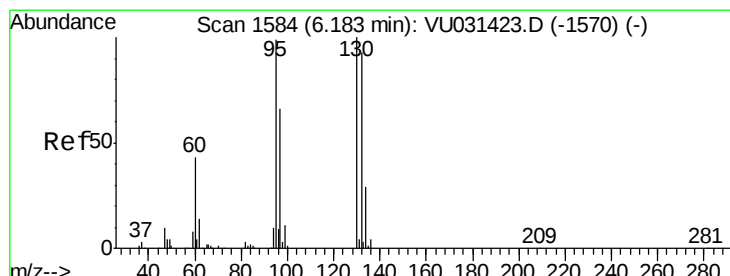
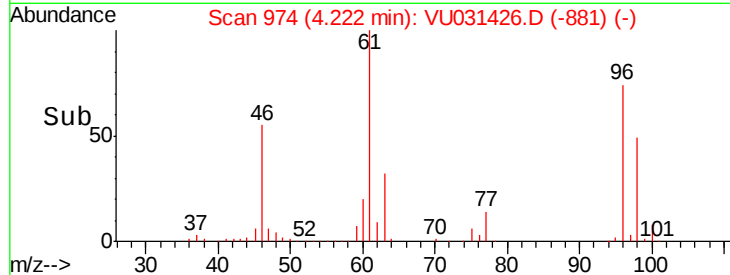
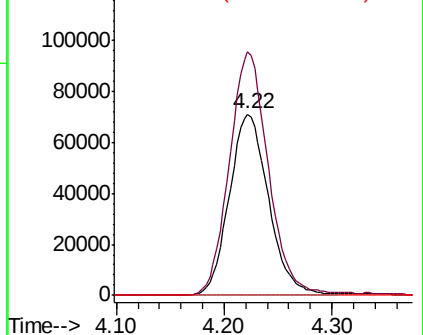
#20
 cis-1,2-Dichloroethene
 Concen: 41.187 ug/L
 RT: 4.22 min Scan# 974
 Delta R.T. 0.00 min
 Lab File: VU031426.D
 Acq: 23 Apr 2019 10:34

Instrument :
 MSVOA_U
 ClientSampleId :
 C0X52RE

Tgt Ion: 96 Resp: 180705
 Ion Ratio Lower Upper
 96 100
 61 134.5 91.9 170.7
 68 0.0 0.0 0.0

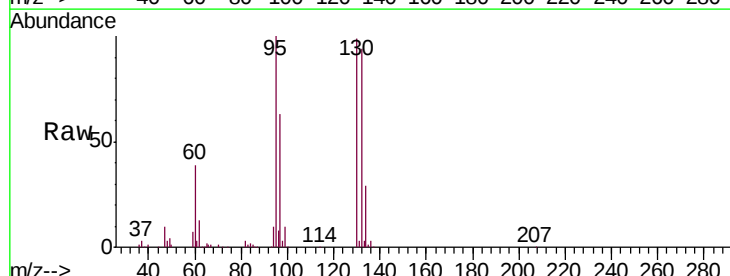


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.00 (60.70 to 61.70): VU0
 Ion 68.00 (67.70 to 68.70): VU0

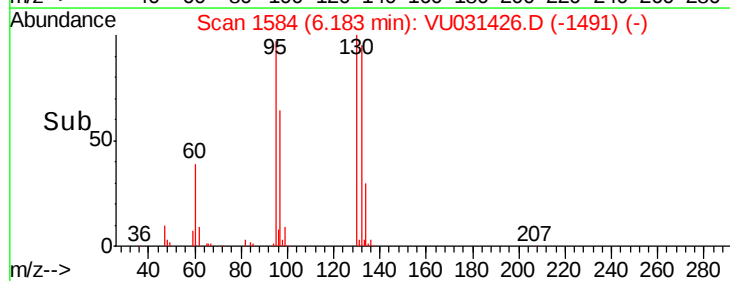
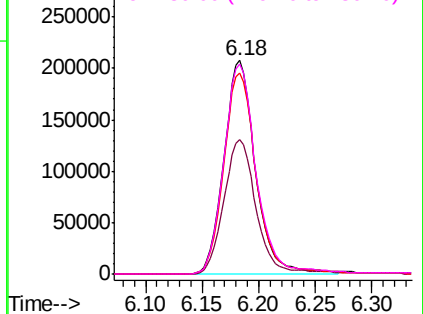


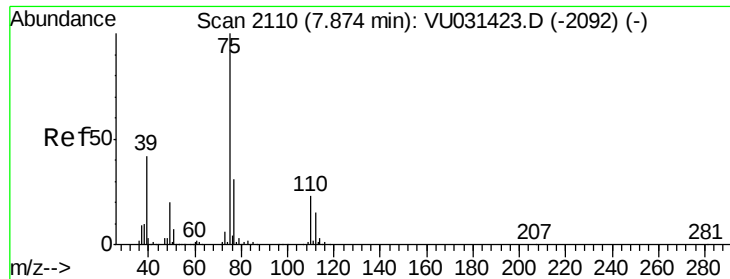
#34
 Trichloroethene
 Concen: 92.495 ug/L
 RT: 6.18 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: VU031426.D
 Acq: 23 Apr 2019 10:34

Tgt Ion: 95 Resp: 403547
 Ion Ratio Lower Upper
 95 100
 97 62.9 44.9 83.5
 132 94.0 68.0 126.2
 130 98.6 70.1 130.1



Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 97.00 (96.70 to 97.70): VU0
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V





#44

trans-1,3-Dichloropropene

Concen: 0.783 ug/L

RT: 7.85 min Scan# 2103

Delta R.T. -0.02 min

Lab File: VU031426.D

Acq: 23 Apr 2019 10:34

Instrument :

MSVOA_U

ClientSampleId :

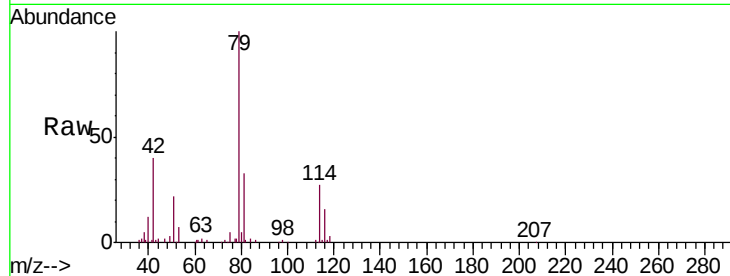
C0X52RE

Tgt Ion: 75 Resp: 4434

Ion Ratio Lower Upper

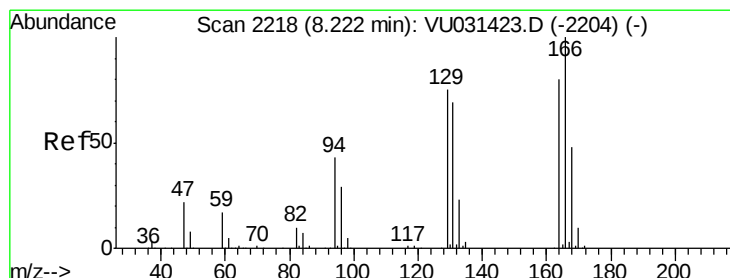
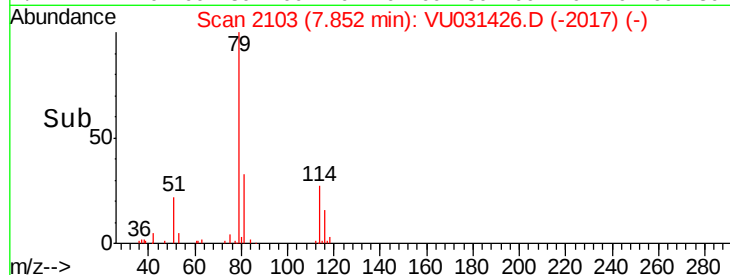
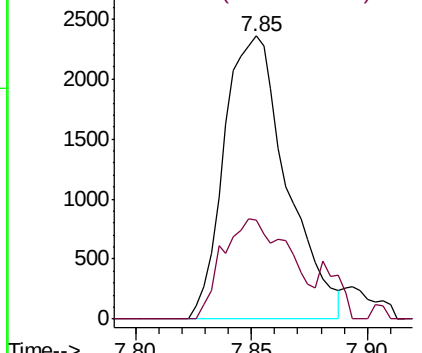
75 100

77 35.0 22.3 41.3



Abundance Ion 75.00 (74.70 to 75.70): VU031423.D (-2092) (-)

Ion 77.00 (76.70 to 77.70): VU031423.D (-2092) (-)



#46

Tetrachloroethene

Concen: 2.609 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. 0.00 min

Lab File: VU031426.D

Acq: 23 Apr 2019 10:34

Tgt Ion: 164 Resp: 8073

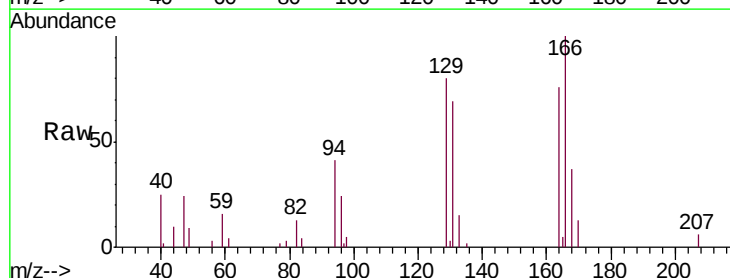
Ion Ratio Lower Upper

164 100

129 104.4 65.2 121.0

131 89.8 61.4 114.0

166 131.2 89.2 165.6

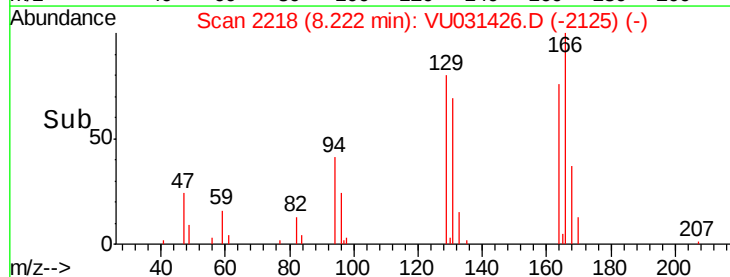
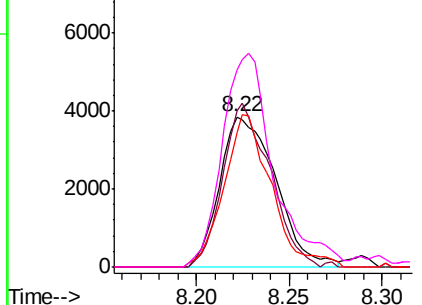


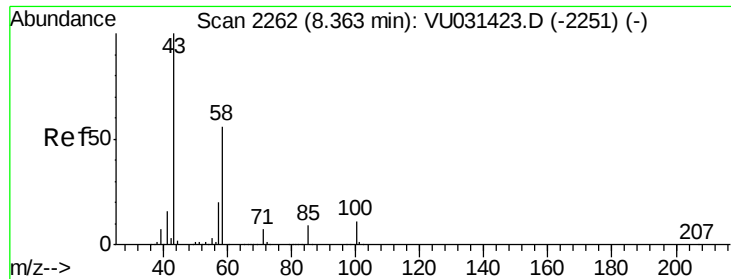
Abundance Ion 164.00 (163.70 to 164.70): VU031423.D (-2204) (-)

Ion 129.00 (128.70 to 129.70): VU031423.D (-2204) (-)

Ion 131.00 (130.70 to 131.70): VU031423.D (-2204) (-)

Ion 166.00 (165.70 to 166.70): VU031423.D (-2204) (-)





#48

2-Hexanone

Concen: 4.939 ug/L

RT: 8.31 min Scan# 2246

Delta R.T. -0.05 min

Lab File: VU031426.D

Acq: 23 Apr 2019 10:34

Instrument :

MSVOA_U

ClientSampleId :

C0X52RE

Tgt Ion: 43 Resp: 25697

Ion Ratio Lower Upper

43 100

58 36.8 45.5 68.3#

57 27.3 15.2 22.8#

100 0.8 9.1 13.7#

