

Data File : VU031560.D
Acq On : 27 Apr 2019 02:59
Operator : JC/SP
Sample : K2592-13 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0X76

Quant Time: Apr 27 03:32:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 27 03:26:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	868672	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	814792	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	322397	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	367831	50.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	101.18%
7) Chloroethane-d5	1.68	69	291619	51.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.82%
11) 1,1-Dichloroethene-d2	2.27	63	538802	37.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.42%
21) 2-Butanone-d5	4.18	46	697855	105.94	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.94%
24) Chloroform-d	4.64	84	627507	47.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.26%
26) 1,2-Dichloroethane-d4	5.31	65	414779	47.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.36%
32) Benzene-d6	5.34	84	1277838	51.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.14%
36) 1,2-Dichloropropane-d6	6.33	67	443295	50.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.72%
41) Toluene-d8	7.56	98	1086112	49.84	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.68%
43) trans-1,3-Dichloropropene-	7.85	79	174421	46.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.32%
47) 2-Hexanone-d5	8.31	63	432510	113.52	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	113.52%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	567130	48.01	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.02%
64) 1,2-Dichlorobenzene-d4	11.85	152	347303	51.22	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.44%

Target Compounds

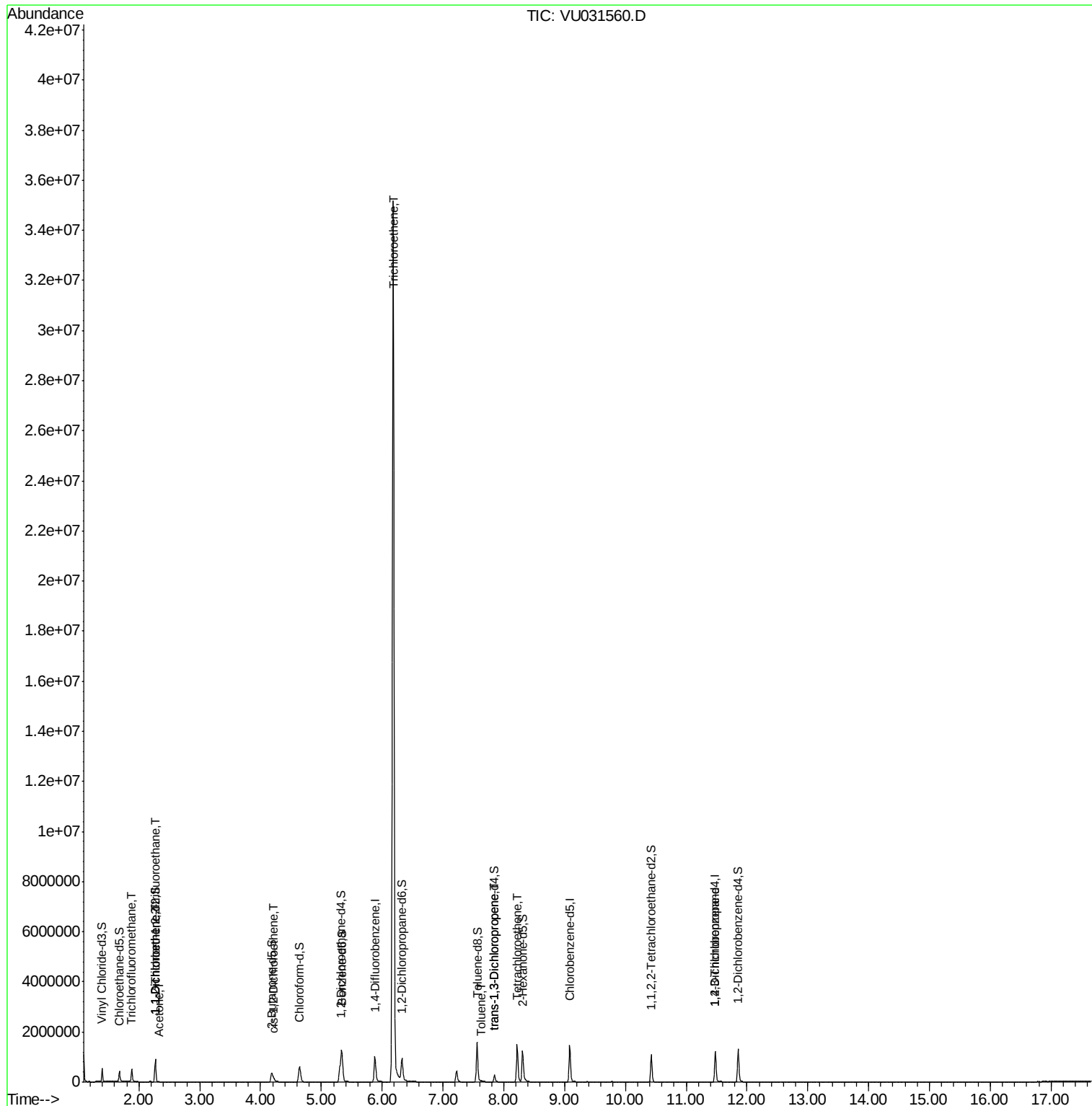
						Qvalue
9) Trichlorofluoromethane	1.88	101	299402	24.307	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	4171	0.599	ug/L #	21
12) 1,1-Dichloroethene	2.27	96	3862	0.570	ug/L #	1
13) Acetone	2.34	43	4272	0.576	ug/L	86
20) cis-1,2-Dichloroethene	4.22	96	10965	1.447	ug/L	81
34) Trichloroethene	6.18	95	12867830	1772.042	ug/L	99
42) Toluene	7.64	91	20542	0.688	ug/L	99
44) trans-1,3-Dichloropropene	7.85	75	6917	0.679	ug/L	86
46) Tetrachloroethene	8.22	164	333515	67.370	ug/L	98
59) 1,2,3-Trichloropropane	11.48	75	41816	4.147	ug/L	97

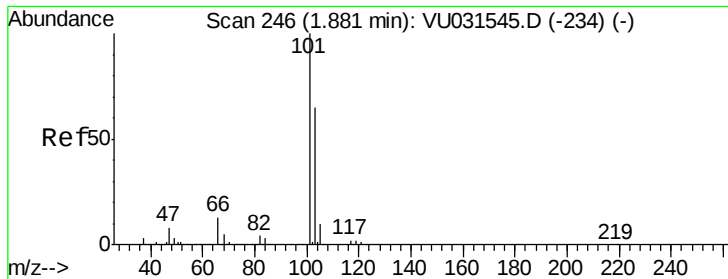
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#9

Trichlorofluoromethane

Concen: 24.307 ug/L

RT: 1.88 min Scan# 246

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

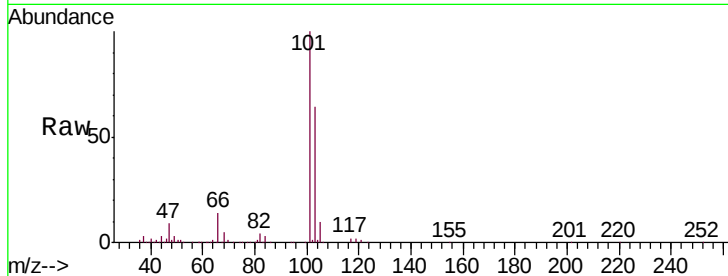
C0X76

Tgt Ion:101 Resp: 299402

Ion Ratio Lower Upper

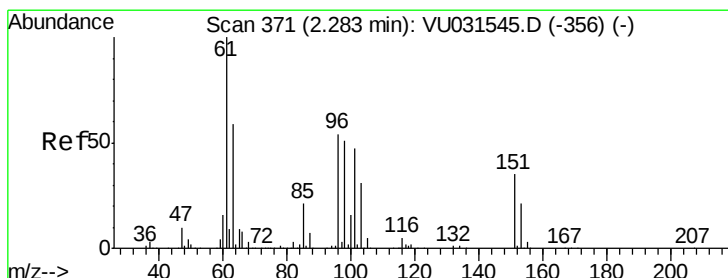
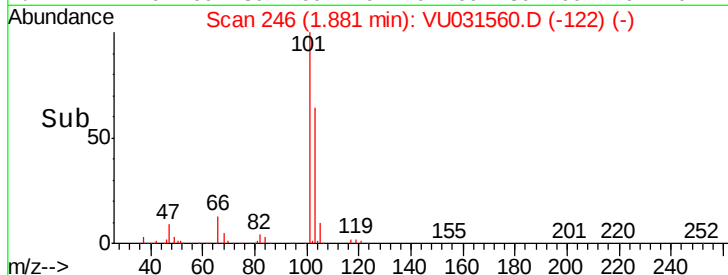
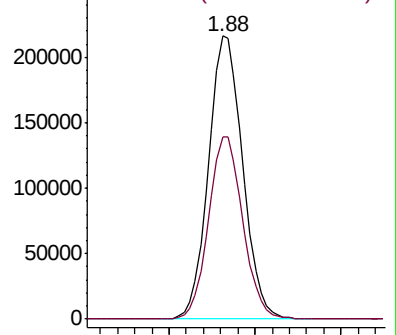
101 100

103 64.4 50.8 76.2



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: 0.599 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU031560.D

Acq: 27 Apr 2019 02:59

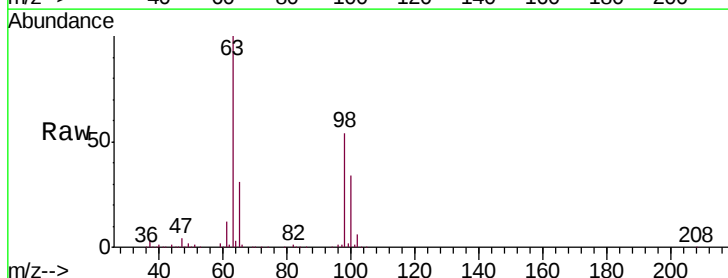
Tgt Ion:101 Resp: 4171

Ion Ratio Lower Upper

101 100

85 0.0 36.1 54.1#

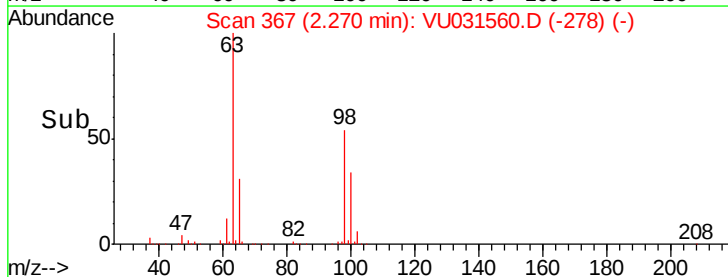
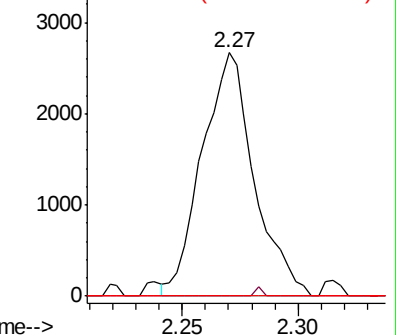
151 0.0 56.1 84.1#

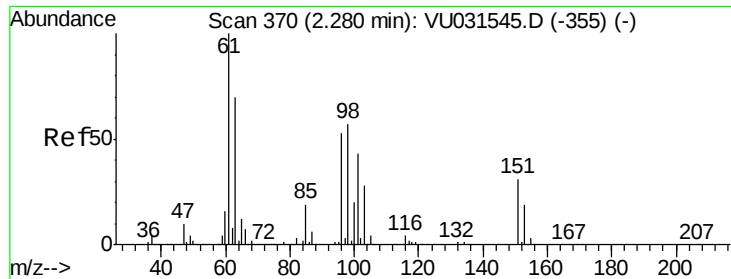


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V





#12

1,1-Dichloroethene

Concen: 0.570 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU031560.D

Acq: 27 Apr 2019 02:59

Instrument :

MSVOA_U

ClientSampleId :

C0X76

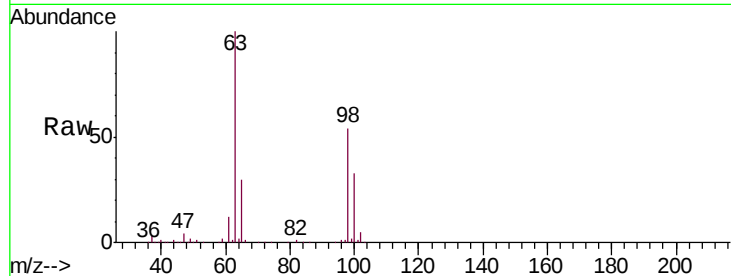
Tgt Ion: 96 Resp: 3862

Ion Ratio Lower Upper

96 100

61 1749.1 135.0 250.6#

63 14762.6 103.5 192.3#

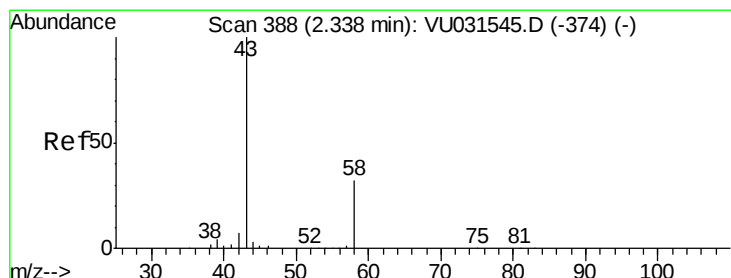
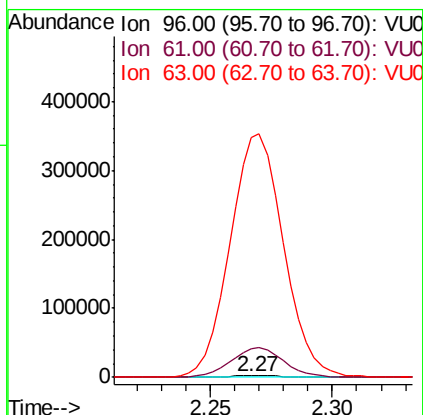
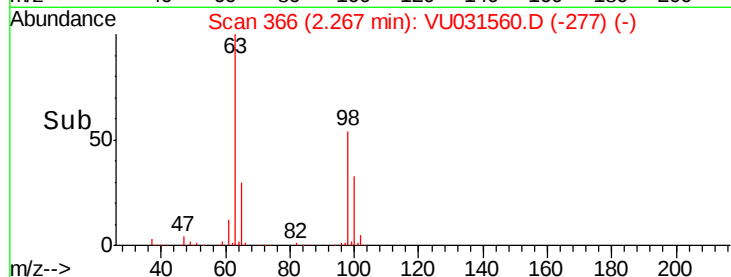


Abundance Ion 96.00 (95.70 to 96.70): VU031560.D (-277) (-)

Ion 61.00 (60.70 to 61.70): VU031560.D (-277) (-)

Ion 63.00 (62.70 to 63.70): VU031560.D (-277) (-)

Time-->



#13

Acetone

Concen: 0.576 ug/L

RT: 2.34 min Scan# 390

Delta R.T. 0.01 min

Lab File: VU031560.D

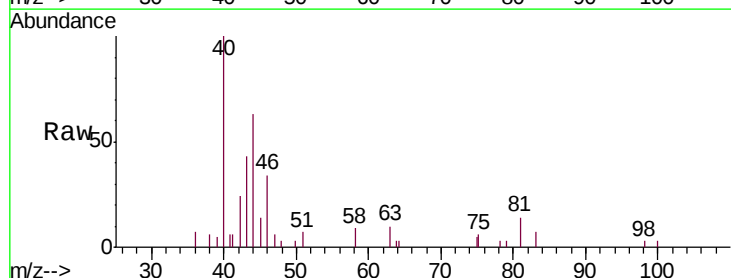
Acq: 27 Apr 2019 02:59

Tgt Ion: 43 Resp: 4272

Ion Ratio Lower Upper

43 100

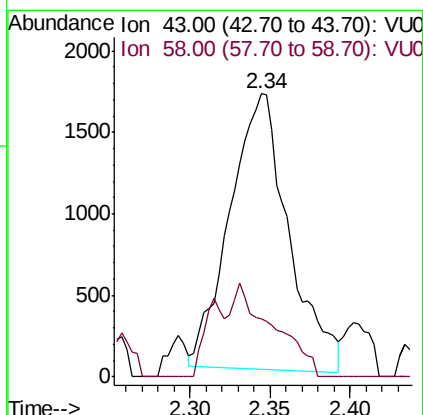
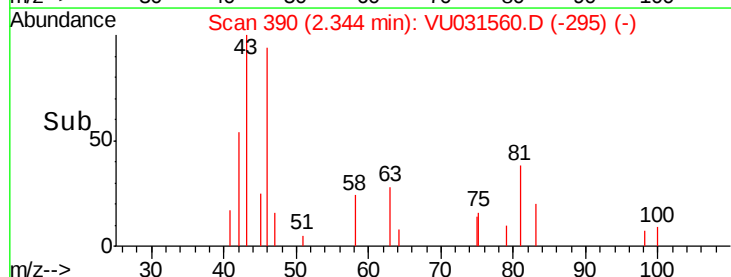
58 24.3 0.0 64.4

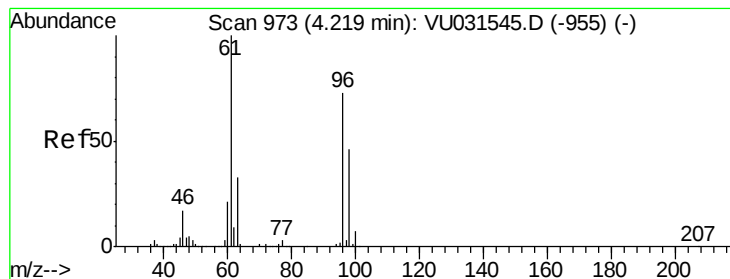


Abundance Ion 43.00 (42.70 to 43.70): VU031560.D (-295) (-)

Ion 58.00 (57.70 to 58.70): VU031560.D (-295) (-)

Time-->



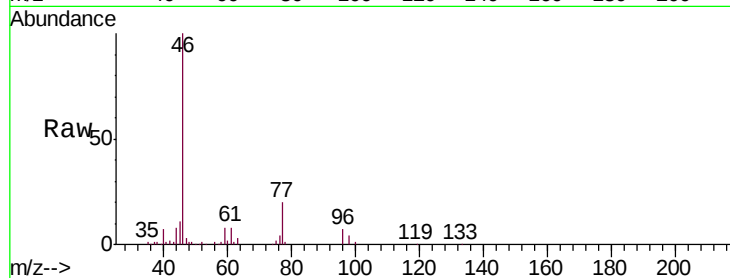


#20

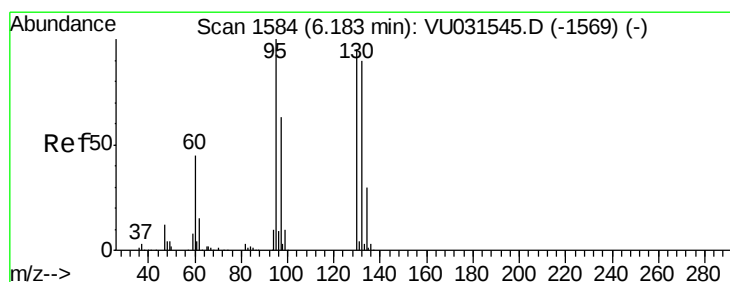
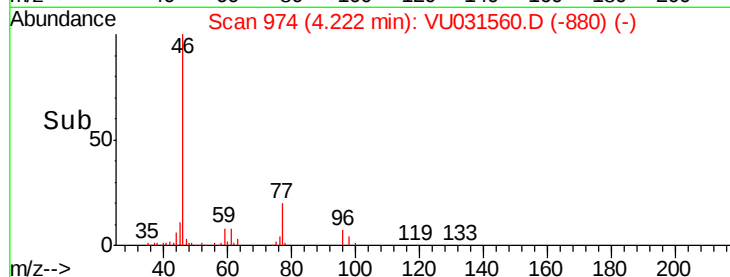
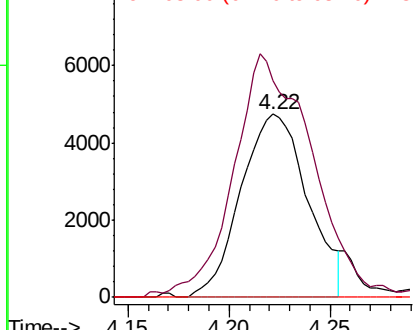
cis-1,2-Dichloroethene
Concen: 1.447 ug/L
RT: 4.22 min Scan# 974
Delta R.T. 0.00 min
Lab File: VU031560.D
Acq: 27 Apr 2019 02:59

Instrument :
MSVOA_U
ClientSampleId :
C0X76

Tgt Ion: 96 Resp: 10965
Ion Ratio Lower Upper
96 100
61 118.3 99.5 184.7
68 0.0 0.0 0.0



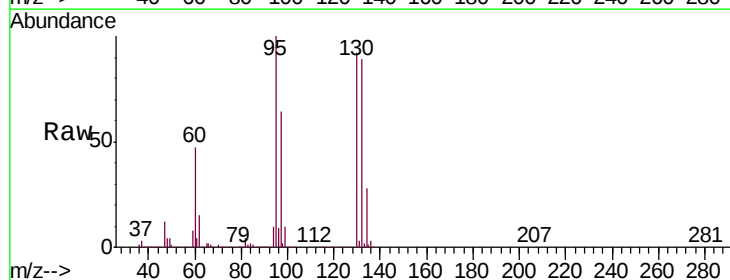
Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 68.00 (67.70 to 68.70): VU0



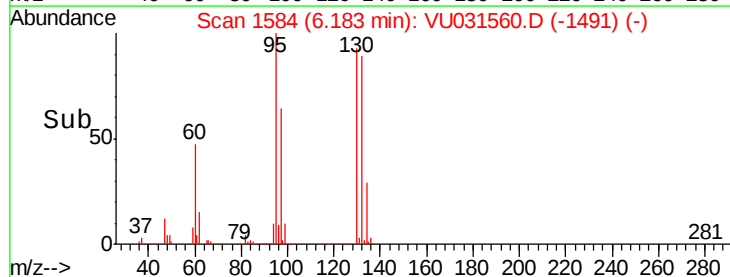
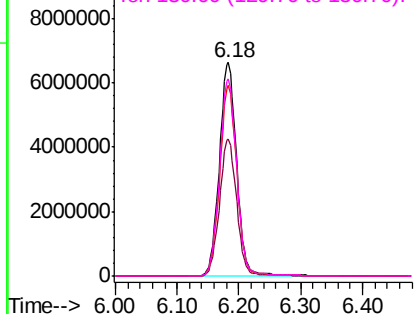
#34

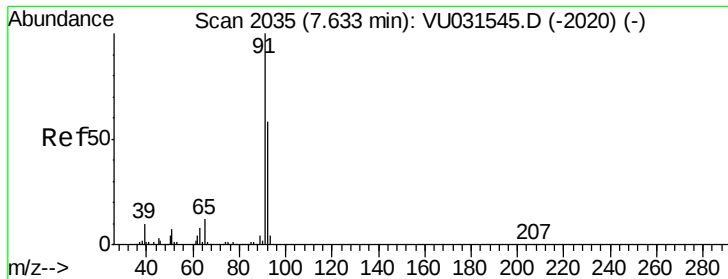
Trichloroethene
Concen: 1772.042 ug/L
RT: 6.18 min Scan# 1584
Delta R.T. 0.00 min
Lab File: VU031560.D
Acq: 27 Apr 2019 02:59

Tgt Ion: 95 Resp: 12867830
Ion Ratio Lower Upper
95 100
97 64.3 44.8 83.2
132 89.2 63.1 117.1
130 92.5 66.5 123.5



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





#42

Toluene

Concen: 0.688 ug/L

RT: 7.64 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VU031560.D

Acq: 27 Apr 2019 02:59

Instrument :

MSVOA_U

ClientSampleId :

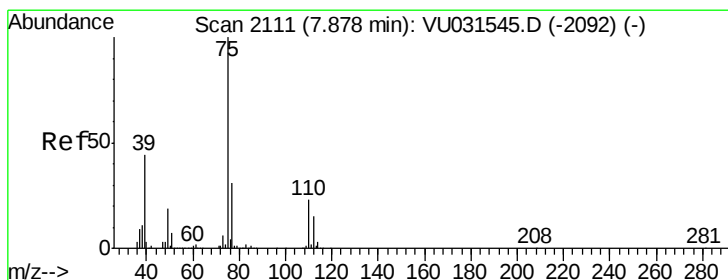
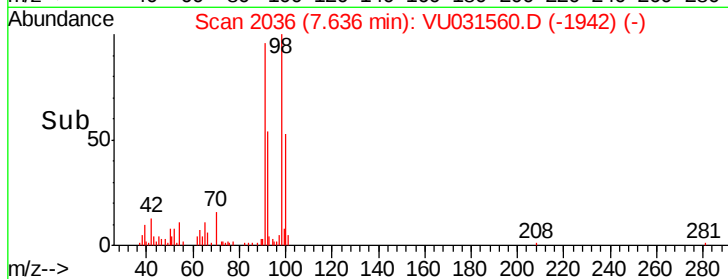
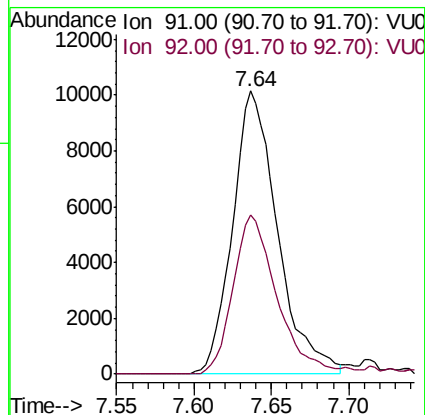
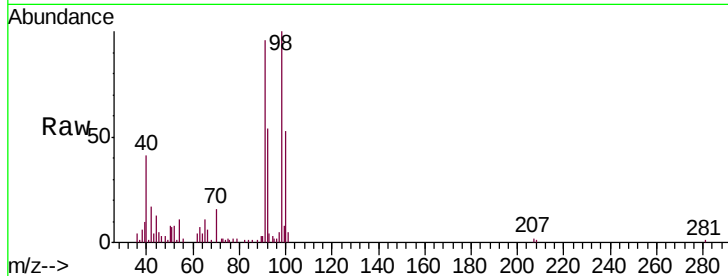
C0X76

Tgt Ion: 91 Resp: 20542

Ion Ratio Lower Upper

91 100

92 56.4 39.0 72.4



#44

trans-1,3-Dichloropropene

Concen: 0.679 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU031560.D

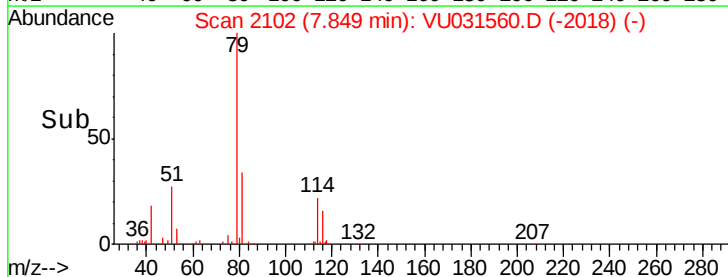
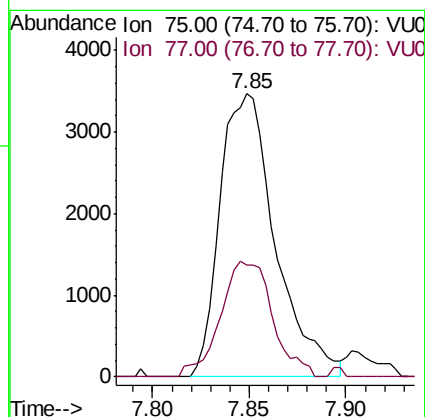
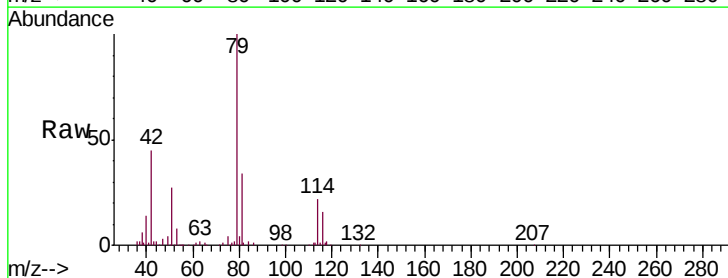
Acq: 27 Apr 2019 02:59

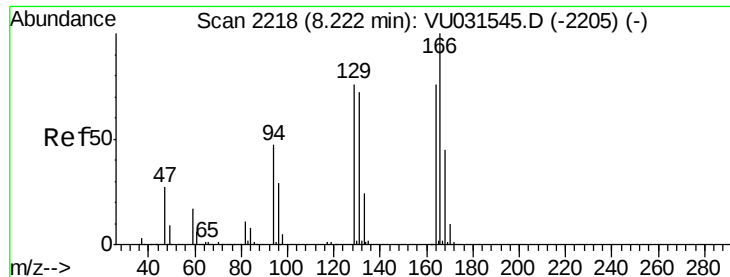
Tgt Ion: 75 Resp: 6917

Ion Ratio Lower Upper

75 100

77 39.5 22.1 41.1





#46

Tetrachloroethene

Concen: 67.370 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. 0.00 min

Lab File: VU031560.D

Acq: 27 Apr 2019 02:59

Instrument :

MSVOA_U

ClientSampleId :

C0X76

Tgt Ion:164 Resp: 333515

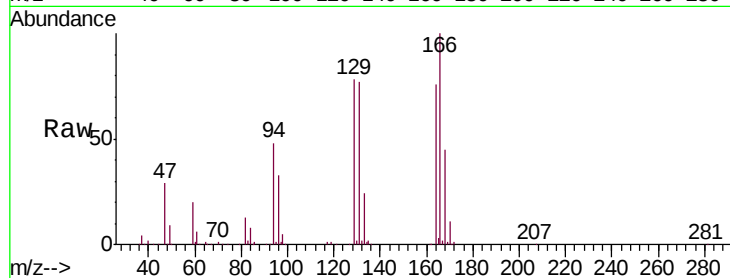
Ion Ratio Lower Upper

164 100

129 101.8 71.5 132.9

131 100.3 69.0 128.2

166 131.0 93.7 173.9

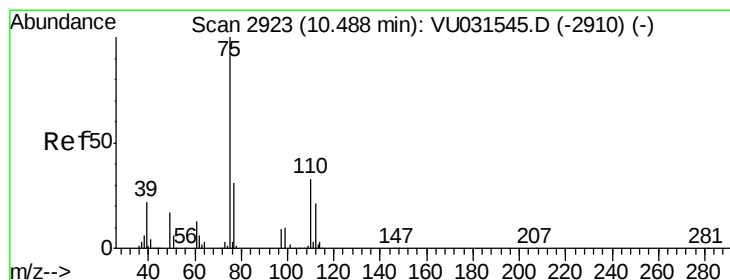
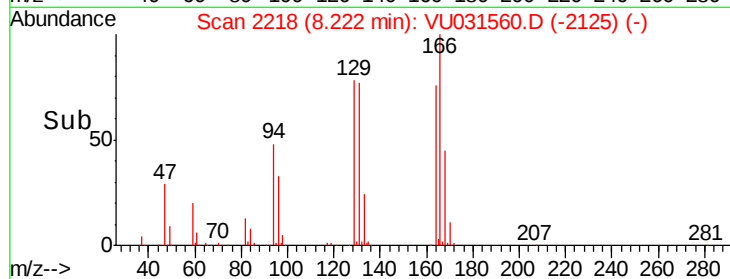
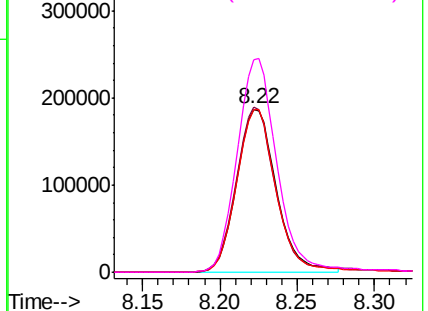


Abundance Ion 164.00 (163.70 to 164.70): V

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



#59

1,2,3-Trichloropropane

Concen: 4.147 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU031560.D

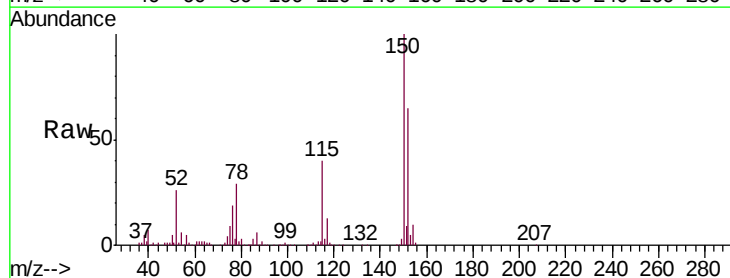
Acq: 27 Apr 2019 02:59

Tgt Ion: 75 Resp: 41816

Ion Ratio Lower Upper

75 100

77 33.9 25.9 38.9



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

