

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU042919\
 Data File : VU031587.D
 Acq On : 29 Apr 2019 15:32
 Operator : JC/SP
 Sample : K2586-20DL 5X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0X66DL

Quant Time: Apr 30 01:58:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 30 01:54:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	672304	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	666755	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	242690	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	298320	53.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	106.04%
7) Chloroethane-d5	1.68	69	241901	55.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	111.26%
11) 1,1-Dichloroethene-d2	2.27	63	452110	40.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.70%
21) 2-Butanone-d5	4.19	46	620207	121.66	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	121.66%
24) Chloroform-d	4.64	84	545945	52.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.96%
26) 1,2-Dichloroethane-d4	5.30	65	369935	54.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.90%
32) Benzene-d6	5.34	84	1060300	51.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.58%
36) 1,2-Dichloropropane-d6	6.32	67	383536	53.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.48%
41) Toluene-d8	7.56	98	867317	48.64	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.28%
43) trans-1,3-Dichloropropene-	7.85	79	149611	48.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.76%
47) 2-Hexanone-d5	8.31	63	347254	111.38	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.38%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	489116	50.60	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.20%
64) 1,2-Dichlorobenzene-d4	11.85	152	278930	54.65	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.30%

Target Compounds

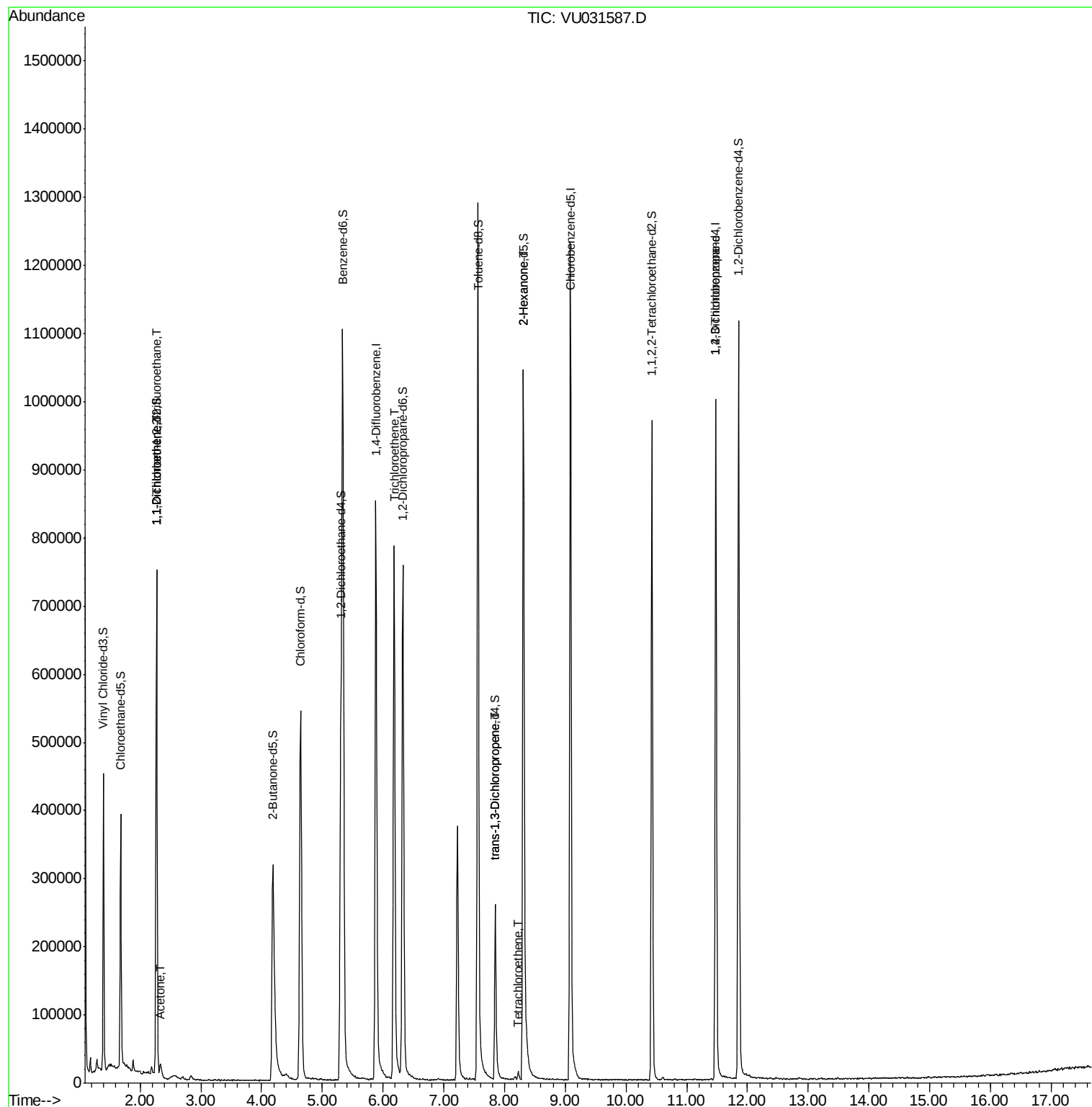
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	3662	0.680 ug/L #	22
12) 1,1-Dichloroethene	2.27	96	3609	0.688 ug/L #	1
13) Acetone	2.34	43	20070	3.495 ug/L	93
34) Trichloroethene	6.18	95	291664	49.083 ug/L	94
44) trans-1,3-Dichloropropene	7.85	75	6496	0.779 ug/L #	80
46) Tetrachloroethene	8.22	164	2763	0.682 ug/L	73
48) 2-Hexanone	8.31	43	44470	5.135 ug/L #	78
59) 1,2,3-Trichloropropane	11.48	75	34651	4.200 ug/L	90

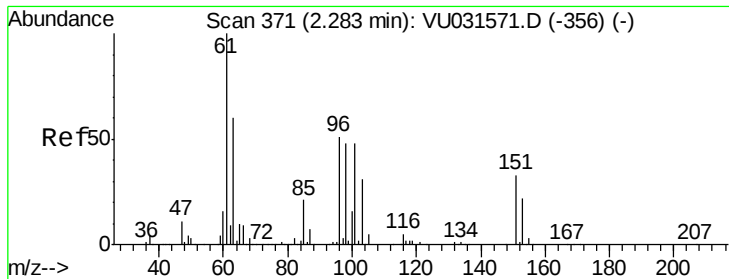
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.680 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.02 min

Lab File: VU031587.D

Acq: 29 Apr 2019 15:32

Instrument :

MSVOA_U

ClientSampleId :

C0X66DL

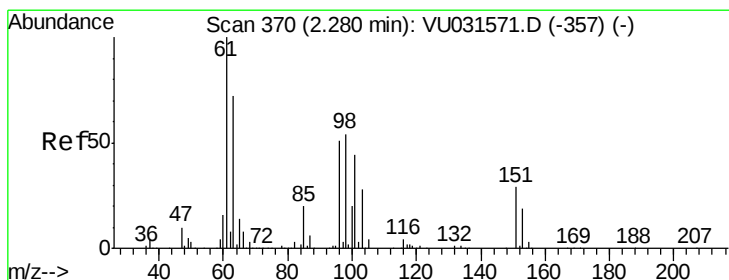
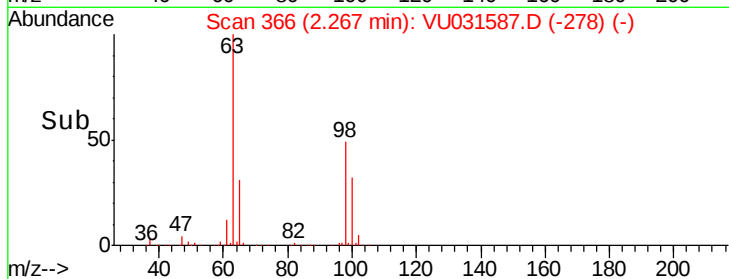
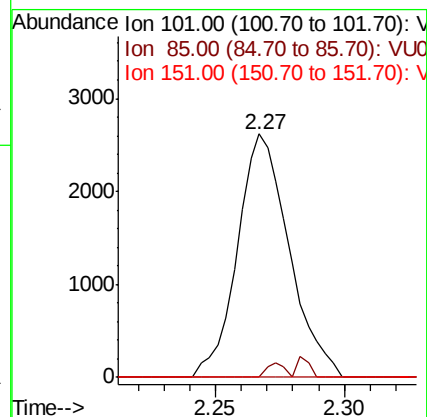
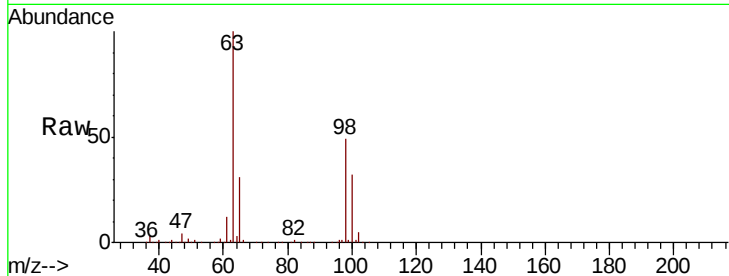
Tgt Ion: 101 Resp: 3662

Ion Ratio Lower Upper

101 100

85 2.0 36.1 54.1#

151 0.0 56.1 84.1#



#12

1,1-Dichloroethene

Concen: 0.688 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU031587.D

Acq: 29 Apr 2019 15:32

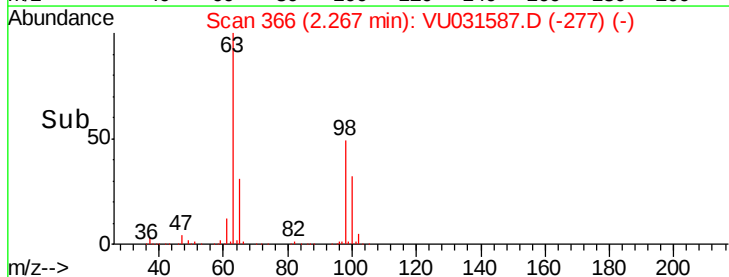
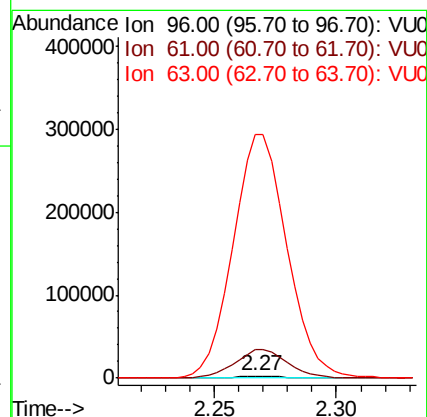
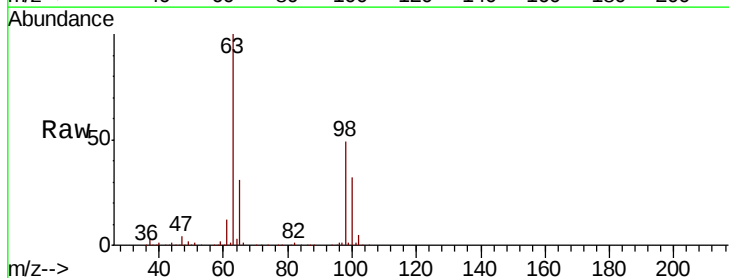
Tgt Ion: 96 Resp: 3609

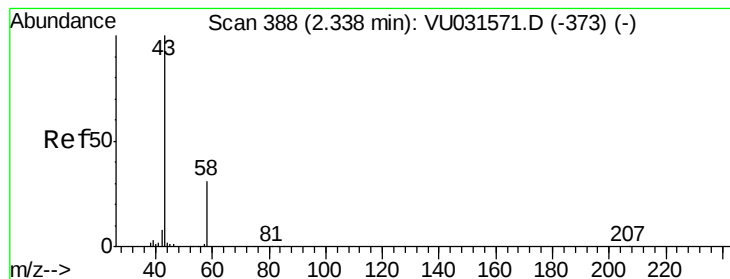
Ion Ratio Lower Upper

96 100

61 1555.9 135.0 250.6#

63 13472.9 103.5 192.3#





#13

Acetone

Concen: 3.495 ug/L

RT: 2.34 min Scan# 389

Delta R.T. 0.00 min

Lab File: VU031587.D

Acq: 29 Apr 2019 15:32

Instrument :

MSVOA_U

ClientSampleId :

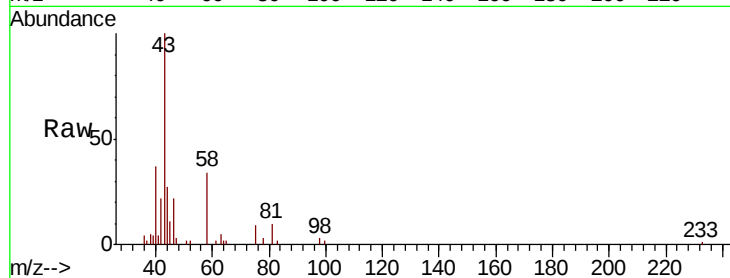
C0X66DL

Tgt Ion: 43 Resp: 20070

Ion Ratio Lower Upper

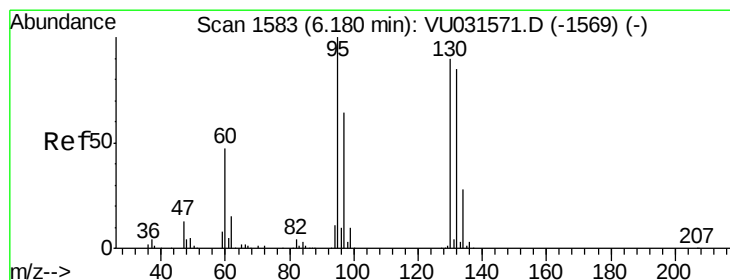
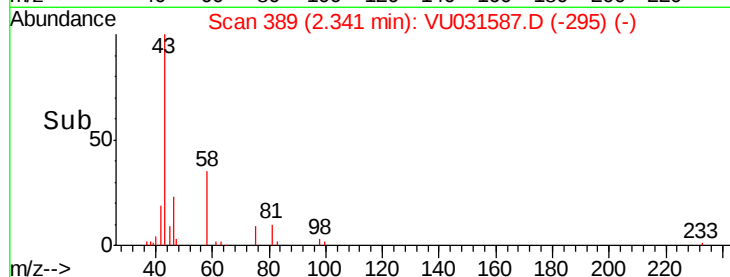
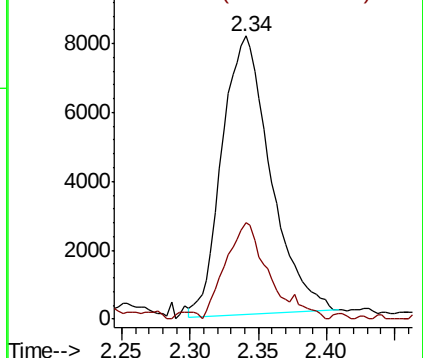
43 100

58 28.5 0.0 64.4



Abundance Ion 43.00 (42.70 to 43.70): VU031587.D (-373) (-)

Ion 58.00 (57.70 to 58.70): VU031587.D (-373) (-)



#34

Trichloroethene

Concen: 49.083 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. 0.00 min

Lab File: VU031587.D

Acq: 29 Apr 2019 15:32

Tgt Ion: 95 Resp: 291664

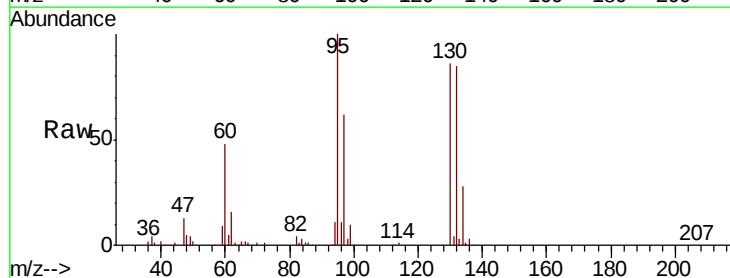
Ion Ratio Lower Upper

95 100

97 62.5 44.8 83.2

132 84.8 63.1 117.1

130 86.4 66.5 123.5

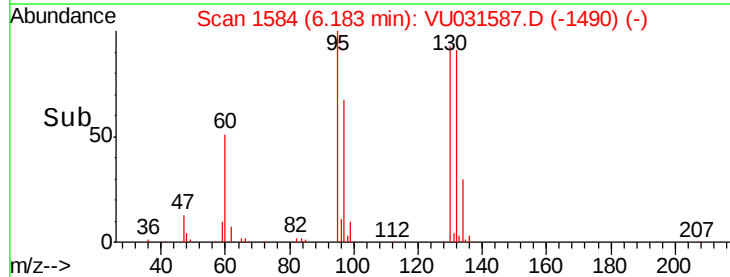
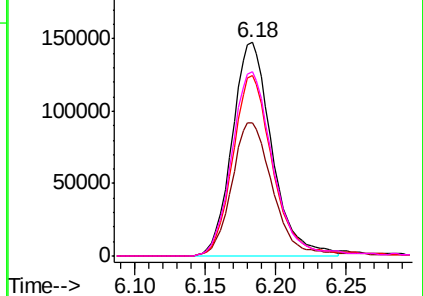


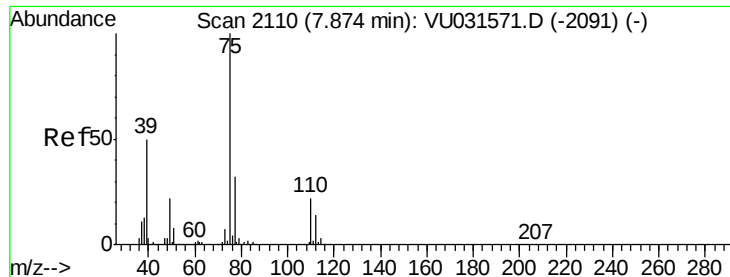
Abundance Ion 95.00 (94.70 to 95.70): VU031587.D (-1490) (-)

Ion 97.00 (96.70 to 97.70): VU031587.D (-1490) (-)

Ion 132.00 (131.70 to 132.70): VU031587.D (-1490) (-)

Ion 130.00 (129.70 to 130.70): VU031587.D (-1490) (-)





#44

trans-1,3-Dichloropropene

Concen: 0.779 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU031587.D

Acq: 29 Apr 2019 15:32

Instrument :

MSVOA_U

ClientSampleId :

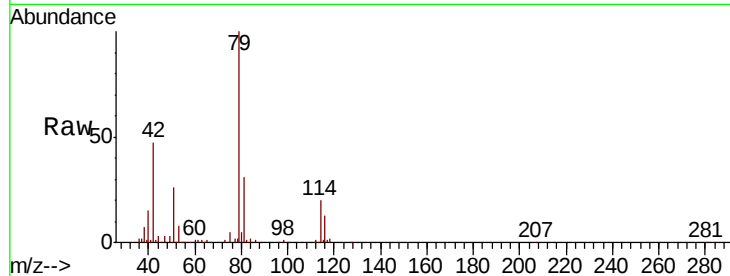
C0X66DL

Tgt Ion: 75 Resp: 6496

Ion Ratio Lower Upper

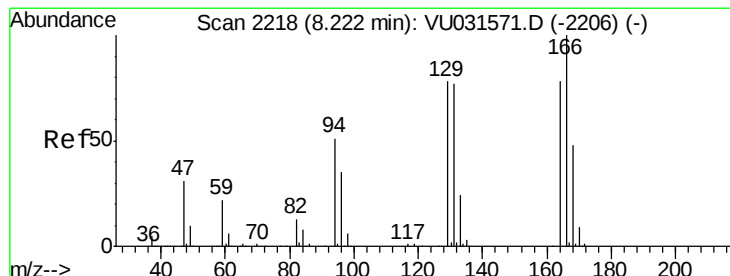
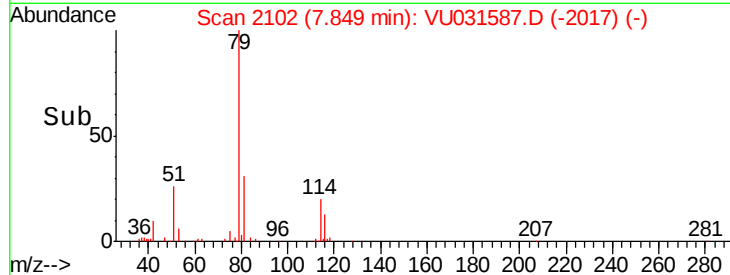
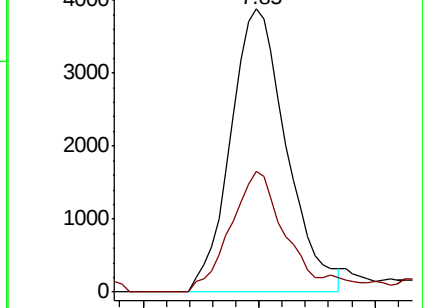
75 100

77 42.6 22.1 41.1#



Abundance Ion 75.00 (74.70 to 75.70): VU031587.D (-2102) (-)

Ion 77.00 (76.70 to 77.70): VU031587.D (-2102) (-)



#46

Tetrachloroethene

Concen: 0.682 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU031587.D

Acq: 29 Apr 2019 15:32

Tgt Ion: 164 Resp: 2763

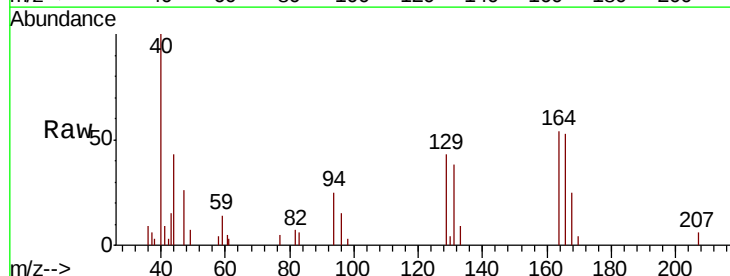
Ion Ratio Lower Upper

164 100

129 79.9 71.5 132.9

131 70.8 69.0 128.2

166 98.7 93.7 173.9

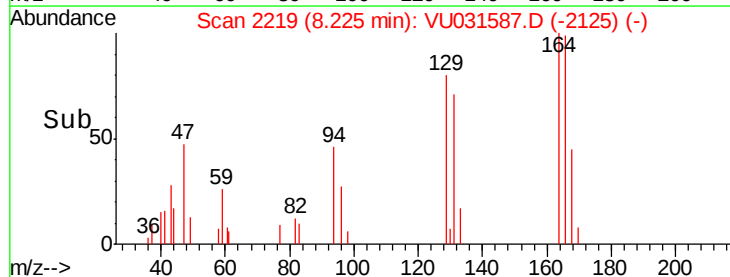
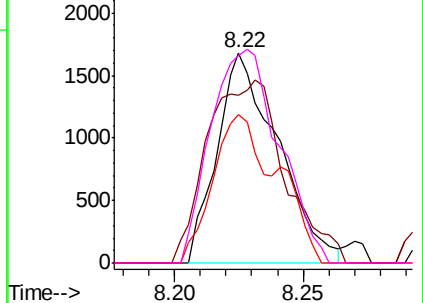


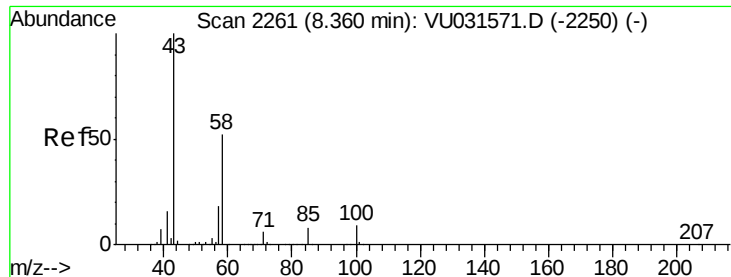
Abundance Ion 164.00 (163.70 to 164.70): VU031587.D (-2219) (-)

Ion 129.00 (128.70 to 129.70): VU031587.D (-2219) (-)

Ion 131.00 (130.70 to 131.70): VU031587.D (-2219) (-)

Ion 166.00 (165.70 to 166.70): VU031587.D (-2219) (-)

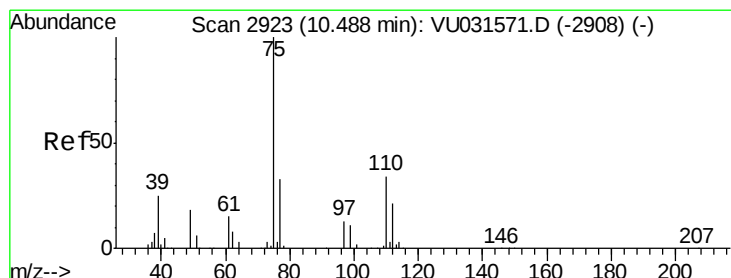
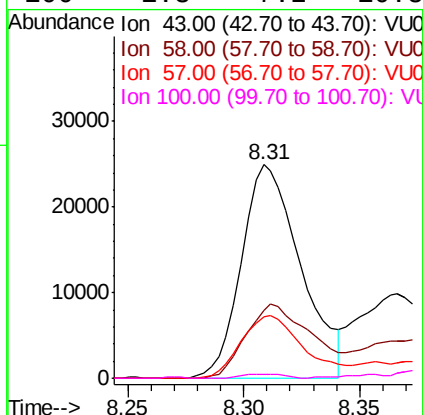
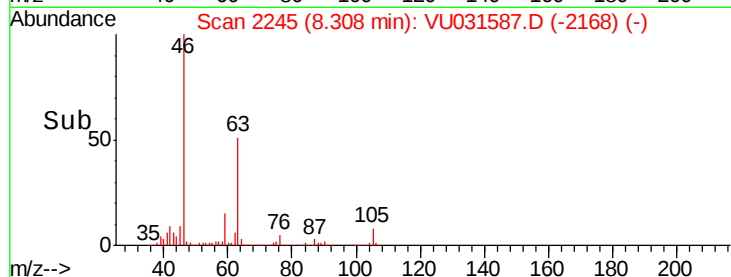
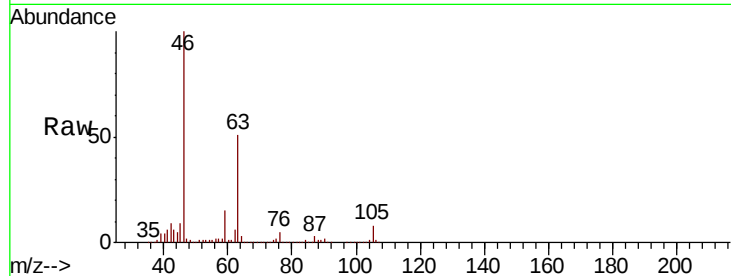




#48
2-Hexanone
Concen: 5.135 ug/L
RT: 8.31 min Scan# 2245
Delta R.T. -0.05 min
Lab File: VU031587.D
Acq: 29 Apr 2019 15:32

Instrument :
MSVOA_U
ClientSampleId :
C0X66DL

Tgt Ion: 43 Resp: 44470
Ion Ratio Lower Upper
43 100
58 39.4 42.1 63.1#
57 31.5 14.6 22.0#
100 1.3 7.2 10.8#



#59
1,2,3-Trichloropropane
Concen: 4.200 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU031587.D
Acq: 29 Apr 2019 15:32

Tgt Ion: 75 Resp: 34651
Ion Ratio Lower Upper
75 100
77 37.8 25.9 38.9

