

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU042919\
 Data File : VU031588.D
 Acq On : 29 Apr 2019 15:55
 Operator : JC/SP
 Sample : K2590-13DL 5X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0XB9DL

Quant Time: Apr 30 01:59:04 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	670148	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	667551	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	247331	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	297290	53.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	106.02%
7) Chloroethane-d5	1.68	69	236419	54.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	109.10%
11) 1,1-Dichloroethene-d2	2.27	63	448958	40.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.40%
21) 2-Butanone-d5	4.18	46	587852	115.68	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	115.68%
24) Chloroform-d	4.64	84	543803	52.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.88%
26) 1,2-Dichloroethane-d4	5.31	65	374436	55.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.60%
32) Benzene-d6	5.34	84	1053828	51.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.82%
36) 1,2-Dichloropropane-d6	6.33	67	384645	53.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.66%
41) Toluene-d8	7.56	98	873698	48.94	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.88%
43) trans-1,3-Dichloropropene-	7.85	79	145323	46.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.88%
47) 2-Hexanone-d5	8.31	63	337287	108.05	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.05%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	492816	50.92	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.84%
64) 1,2-Dichlorobenzene-d4	11.86	152	278743	53.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.18%

Target Compounds

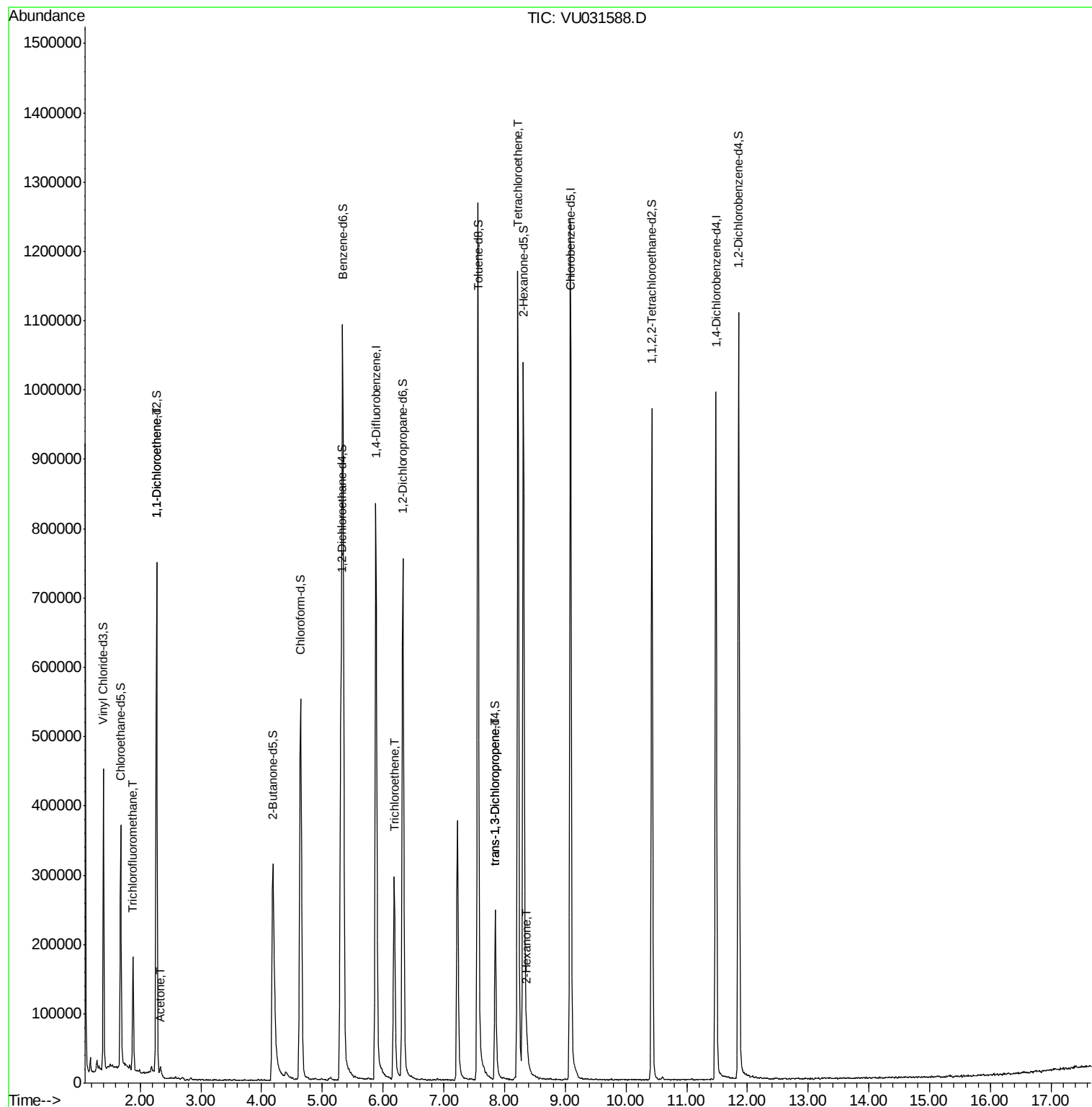
					Qvalue
9) Trichlorofluoromethane	1.88	101	93658	9.856 ug/L	98
12) 1,1-Dichloroethene	2.27	96	3476	0.665 ug/L #	1
13) Acetone	2.33	43	4352	0.760 ug/L	76
34) Trichloroethene	6.18	95	108789	18.286 ug/L	95
44) trans-1,3-Dichloropropene	7.85	75	6159	0.738 ug/L #	53
46) Tetrachloroethene	8.22	164	255994	63.117 ug/L	99
48) 2-Hexanone	8.37	43	26661	3.075 ug/L #	81

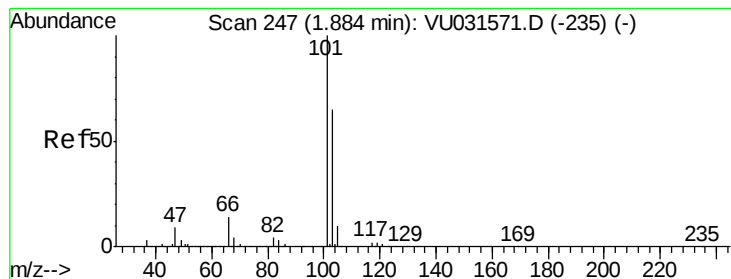
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#9

Trichlorofluoromethane

Concen: 9.856 ug/L

RT: 1.88 min Scan# 246

Delta R.T. -0.00 min

Lab File: VU031588.D

Acq: 29 Apr 2019 15:55

Instrument :

MSVOA_U

ClientSampleId :

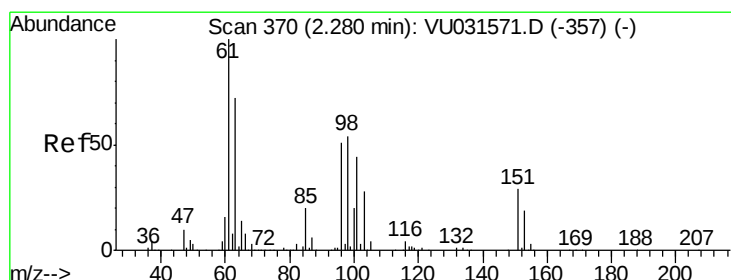
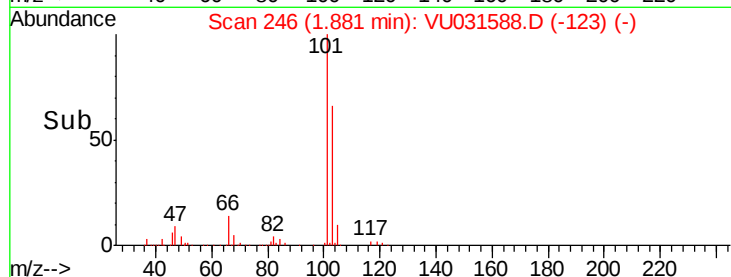
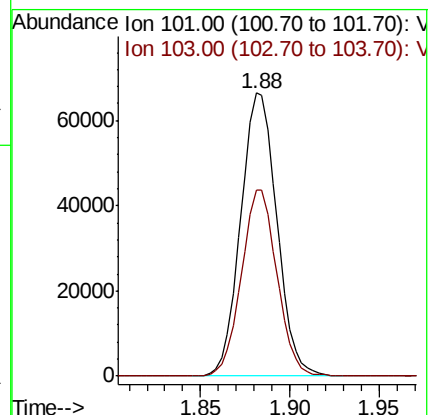
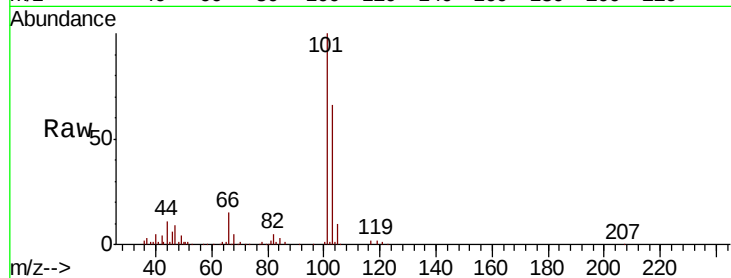
C0XB9DL

Tgt Ion: 101 Resp: 93658

Ion Ratio Lower Upper

101 100

103 64.7 50.8 76.2



#12

1,1-Dichloroethene

Concen: 0.665 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU031588.D

Acq: 29 Apr 2019 15:55

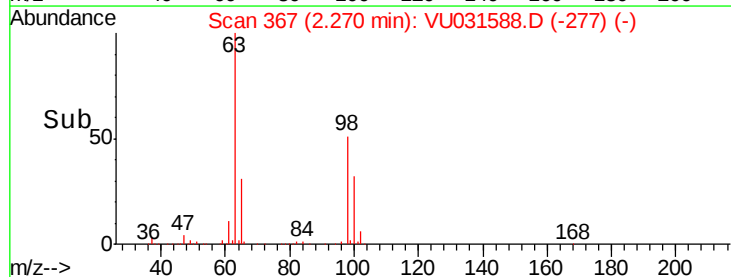
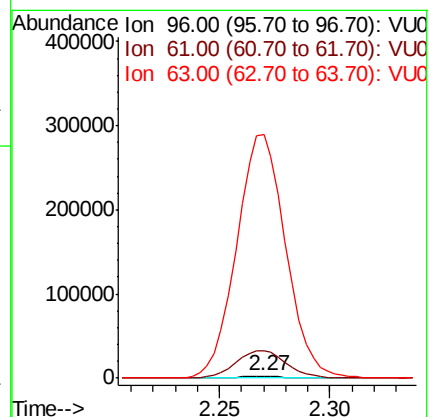
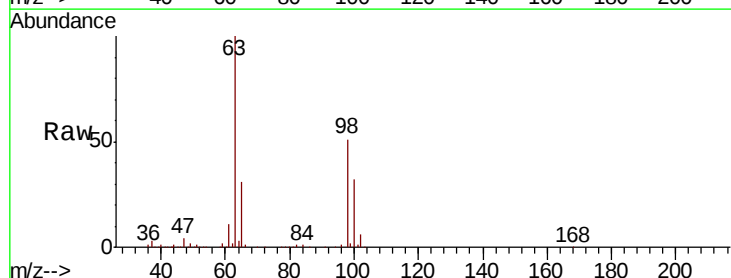
Tgt Ion: 96 Resp: 3476

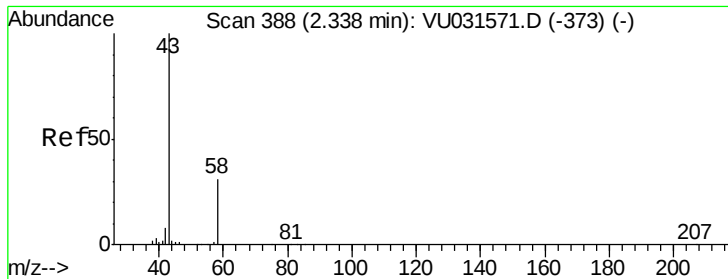
Ion Ratio Lower Upper

96 100

61 1427.0 135.0 250.6#

63 12463.7 103.5 192.3#





#13

Acetone

Concen: 0.760 ug/L

RT: 2.33 min Scan# 387

Delta R.T. -0.00 min

Lab File: VU031588.D

Acq: 29 Apr 2019 15:55

Instrument :

MSVOA_U

ClientSampleId :

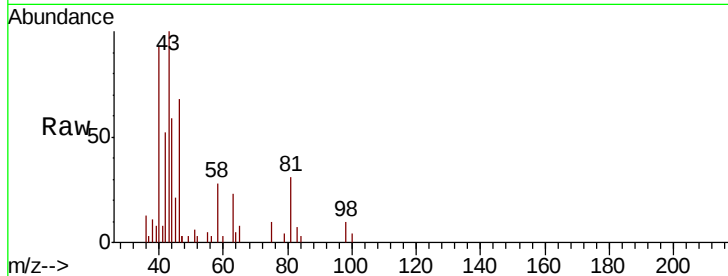
C0XB9DL

Tgt Ion: 43 Resp: 4352

Ion Ratio Lower Upper

43 100

58 45.7 0.0 64.4

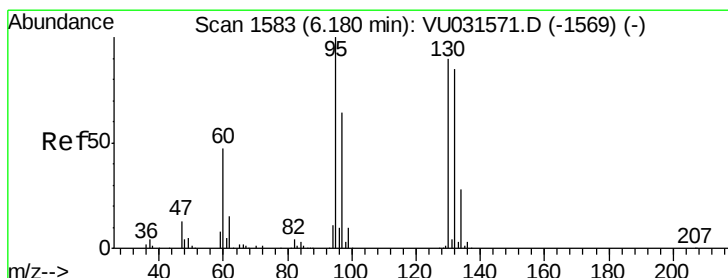
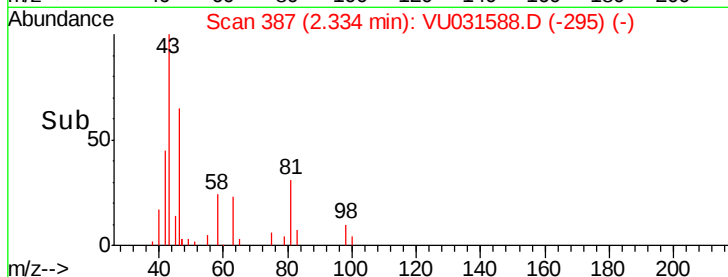


Abundance Ion 43.00 (42.70 to 43.70): VU031571.D (-373) (-)

Ion 58.00 (57.70 to 58.70): VU031571.D (-373) (-)

2.33

Time-->



#34

Trichloroethene

Concen: 18.286 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. 0.00 min

Lab File: VU031588.D

Acq: 29 Apr 2019 15:55

Tgt Ion: 95 Resp: 108789

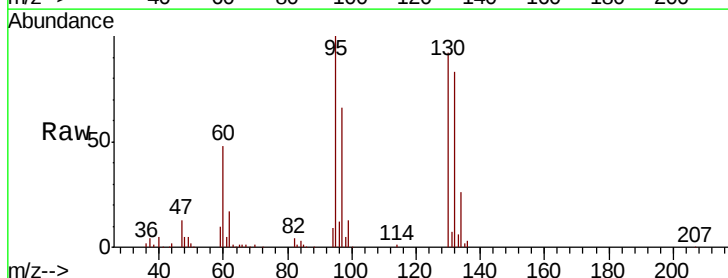
Ion Ratio Lower Upper

95 100

97 65.9 44.8 83.2

132 83.3 63.1 117.1

130 91.6 66.5 123.5



Abundance Ion 95.00 (94.70 to 95.70): VU031571.D (-1569) (-)

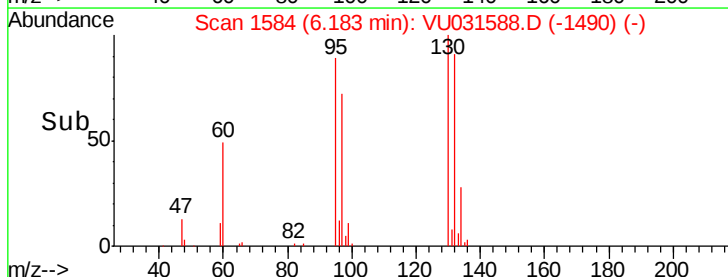
Ion 97.00 (96.70 to 97.70): VU031571.D (-1569) (-)

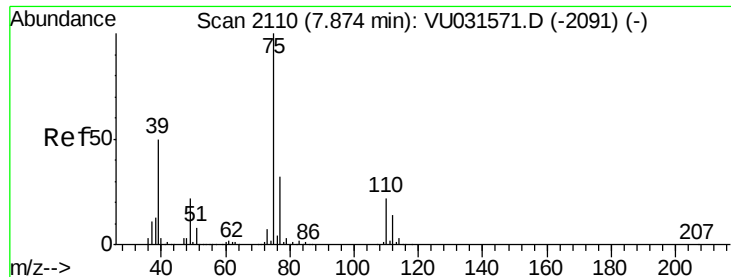
Ion 132.00 (131.70 to 132.70): VU031571.D (-1569) (-)

Ion 130.00 (129.70 to 130.70): VU031571.D (-1569) (-)

6.18

Time-->





#44

trans-1,3-Dichloropropene

Concen: 0.738 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU031588.D

Acq: 29 Apr 2019 15:55

Instrument :

MSVOA_U

ClientSampleId :

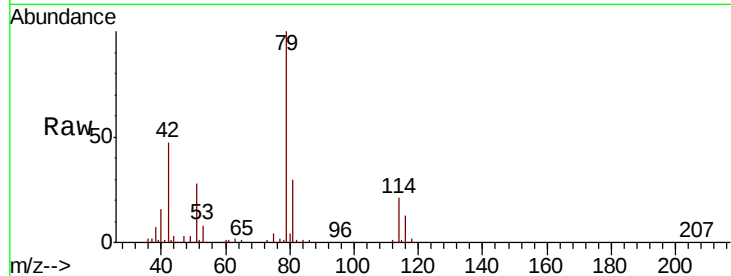
C0XB9DL

Tgt Ion: 75 Resp: 6159

Ion Ratio Lower Upper

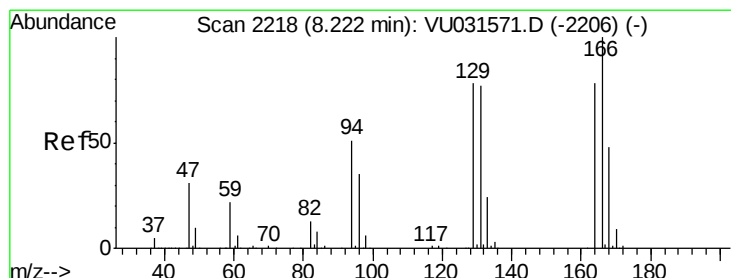
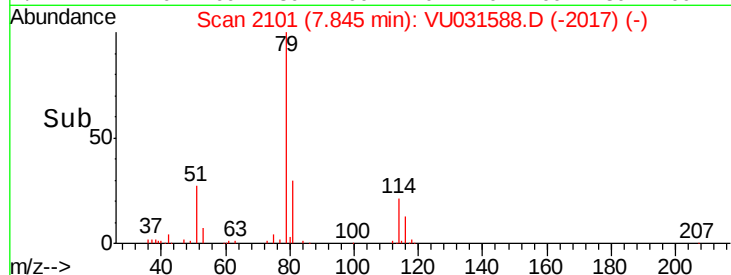
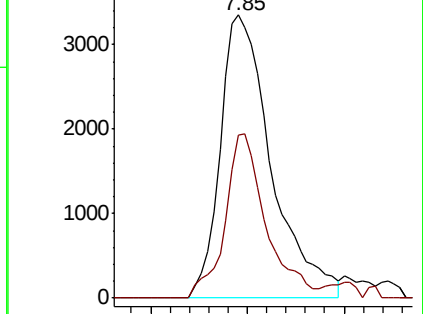
75 100

77 57.6 22.1 41.1#



Abundance Ion 75.00 (74.70 to 75.70): VU031571.D (-2091) (-)

Ion 77.00 (76.70 to 77.70): VU031571.D (-2091) (-)



#46

Tetrachloroethene

Concen: 63.117 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU031588.D

Acq: 29 Apr 2019 15:55

Tgt Ion: 164 Resp: 255994

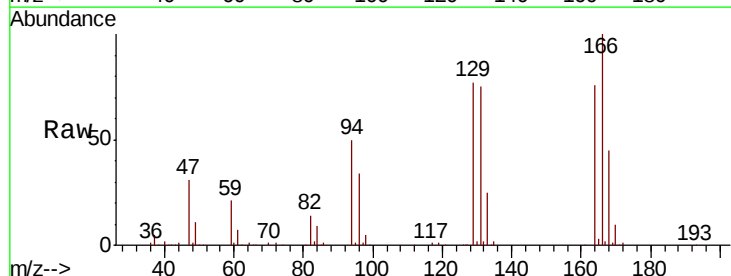
Ion Ratio Lower Upper

164 100

129 101.1 71.5 132.9

131 98.3 69.0 128.2

166 131.1 93.7 173.9

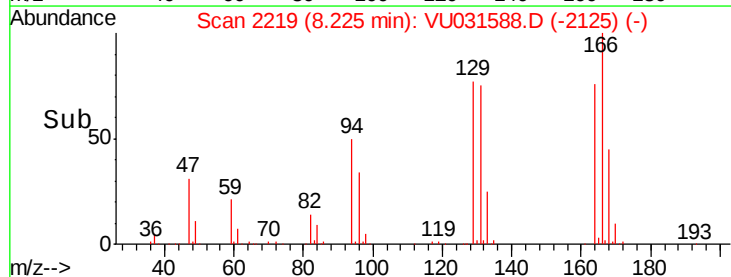
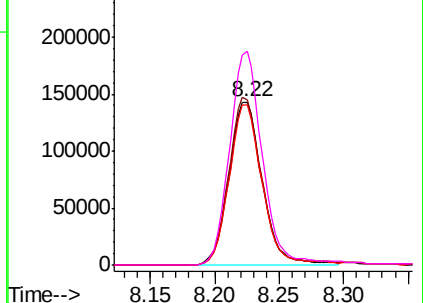


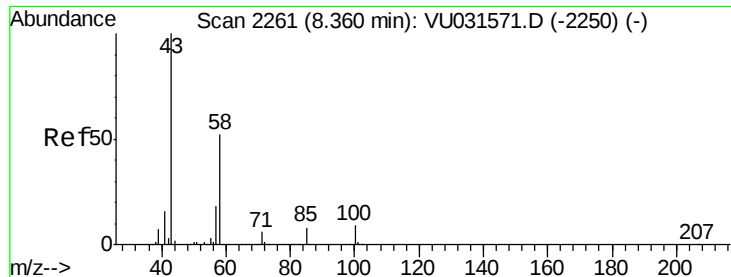
Abundance Ion 164.00 (163.70 to 164.70): VU031571.D (-2206) (-)

Ion 129.00 (128.70 to 129.70): VU031571.D (-2206) (-)

Ion 131.00 (130.70 to 131.70): VU031571.D (-2206) (-)

Ion 166.00 (165.70 to 166.70): VU031571.D (-2206) (-)





#48

2-Hexanone

Concen: 3.075 ug/L

RT: 8.37 min Scan# 2265

Delta R.T. 0.01 min

Lab File: VU031588.D

Acq: 29 Apr 2019 15:55

Instrument :

MSVOA_U

ClientSampleId :

C0XB9DL

Tgt Ion: 43 Resp: 26661

Ion Ratio Lower Upper

43 100

58 43.4 42.1 63.1

57 0.0 14.6 22.0#

100 4.1 7.2 10.8#

