

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU042919\
 Data File : VU031589.D
 Acq On : 29 Apr 2019 16:18
 Operator : JC/SP
 Sample : K2536-21DL 5X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0X09DL

Quant Time: Apr 30 01:59:11 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	685526	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	657317	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	246087	50.00	ug/L	0.00

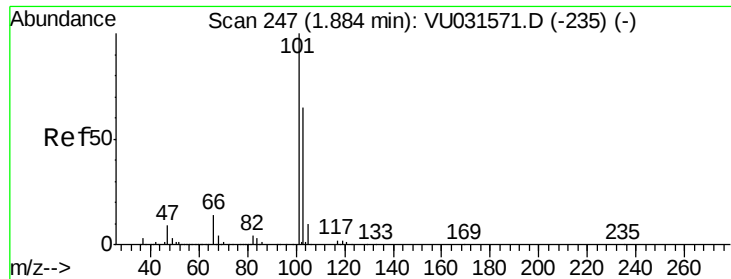
System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	296473	51.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	103.34%
7) Chloroethane-d5	1.68	69	243667	54.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	109.92%
11) 1,1-Dichloroethene-d2	2.27	63	450963	39.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.94%
21) 2-Butanone-d5	4.19	46	627122	120.64	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	120.64%
24) Chloroform-d	4.64	84	552740	52.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.20%
26) 1,2-Dichloroethane-d4	5.31	65	381432	55.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.12%
32) Benzene-d6	5.34	84	1076511	53.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.66%
36) 1,2-Dichloropropane-d6	6.32	67	388239	54.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	109.34%
41) Toluene-d8	7.56	98	887243	50.47	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.94%
43) trans-1,3-Dichloropropene-	7.85	79	151055	49.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.10%
47) 2-Hexanone-d5	8.31	63	340507	110.78	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.78%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	493194	51.75	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.50%
64) 1,2-Dichlorobenzene-d4	11.86	152	279549	54.02	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.04%

Target Compounds

					Qvalue
9) Trichlorofluoromethane	1.88	101	18755	1.929 ug/L	93
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	3624	0.660 ug/L #	23
12) 1,1-Dichloroethene	2.27	96	3858	0.721 ug/L #	1
13) Acetone	2.34	43	10436	1.782 ug/L	85
20) cis-1,2-Dichloroethene	4.23	96	3211	0.537 ug/L	76
34) Trichloroethene	6.18	95	381849	65.183 ug/L	94
46) Tetrachloroethene	8.22	164	18847	4.719 ug/L	96
48) 2-Hexanone	8.31	43	47016	5.507 ug/L #	78
59) 1,2,3-Trichloropropane	11.48	75	34952	4.297 ug/L	92

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



#9

Trichlorofluoromethane

Concen: 1.929 ug/L

RT: 1.88 min Scan# 247

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

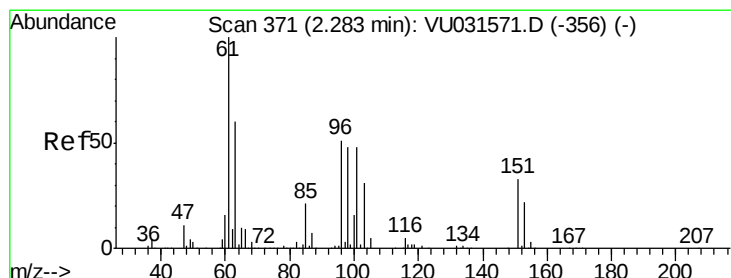
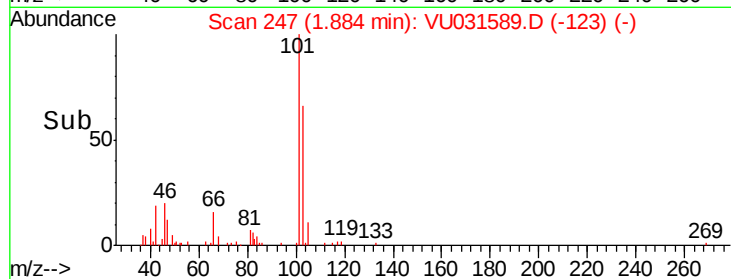
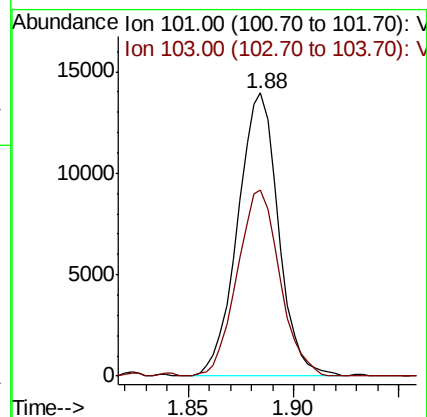
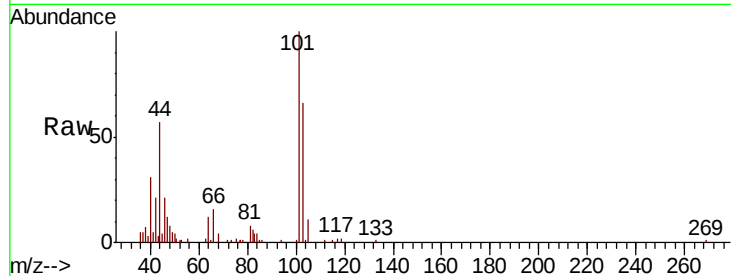
C0X09DL

Tgt Ion:101 Resp: 18755

Ion Ratio Lower Upper

101 100

103 68.7 50.8 76.2



#10

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

Concen: 0.660 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.02 min

Lab File: VU031589.D

Acq: 29 Apr 2019 16:18

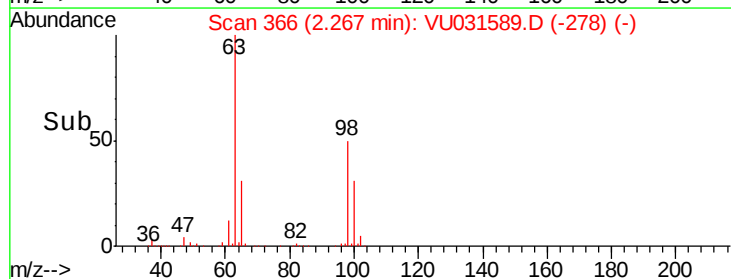
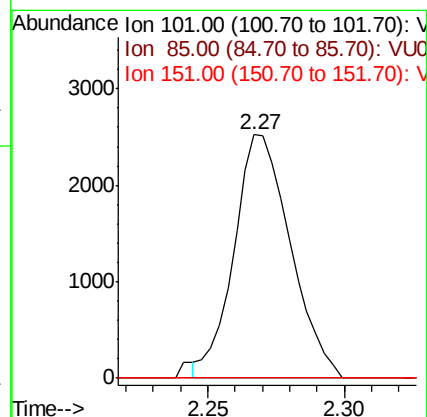
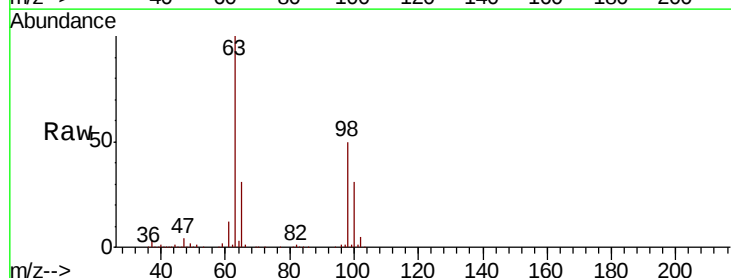
Tgt Ion:101 Resp: 3624

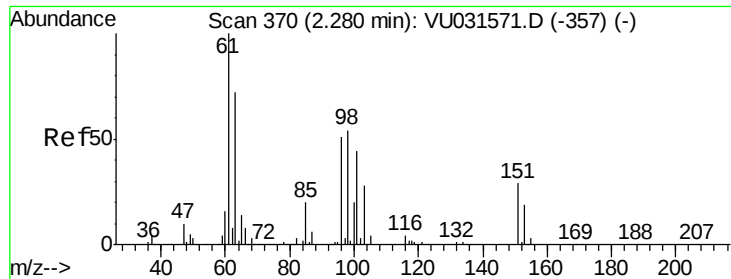
Ion Ratio Lower Upper

101 100

85 2.0 36.1 54.1#

151 1.2 56.1 84.1#





#12

1,1-Dichloroethene

Concen: 0.721 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU031589.D

Acq: 29 Apr 2019 16:18

Instrument :

MSVOA_U

ClientSampleId :

C0X09DL

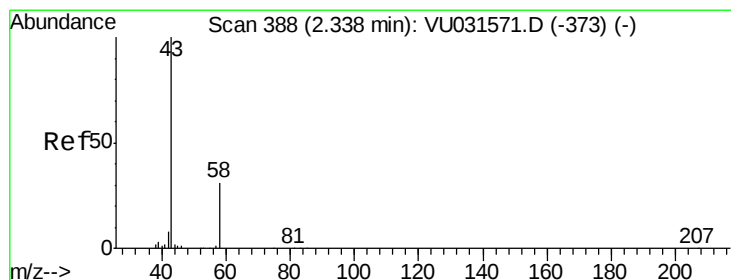
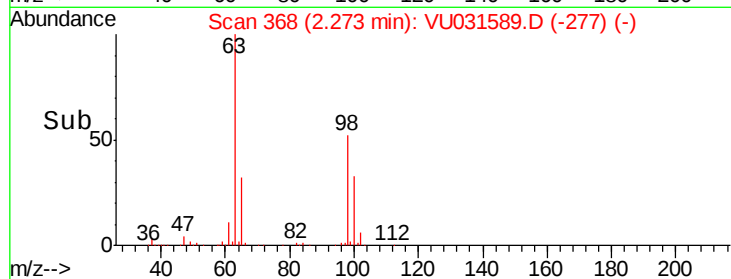
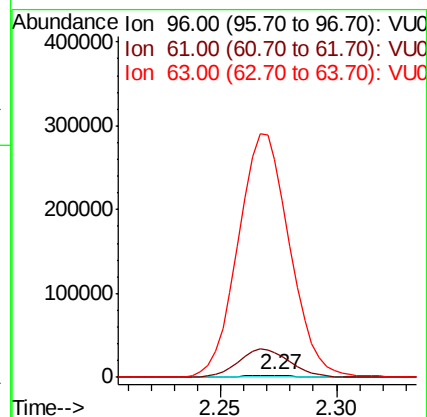
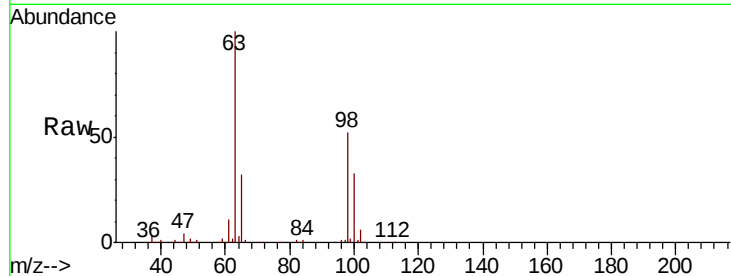
Tgt Ion: 96 Resp: 3858

Ion Ratio Lower Upper

96 100

61 1088.8 135.0 250.6#

63 9694.3 103.5 192.3#



#13

Acetone

Concen: 1.782 ug/L

RT: 2.34 min Scan# 389

Delta R.T. 0.00 min

Lab File: VU031589.D

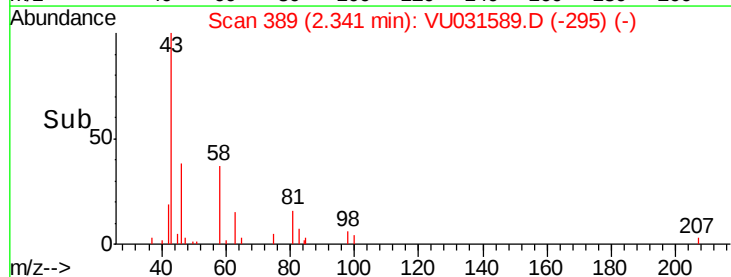
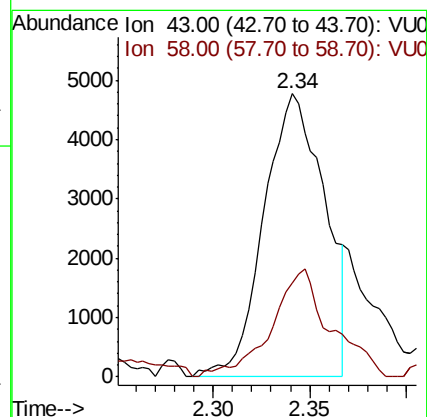
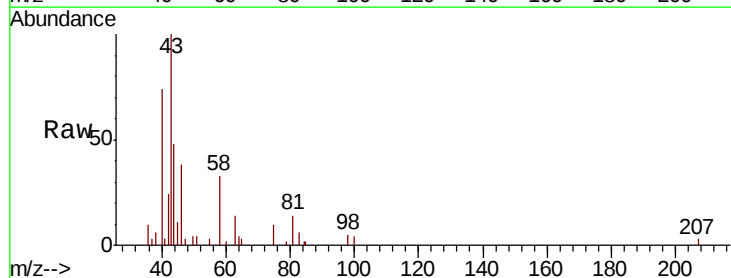
Acq: 29 Apr 2019 16:18

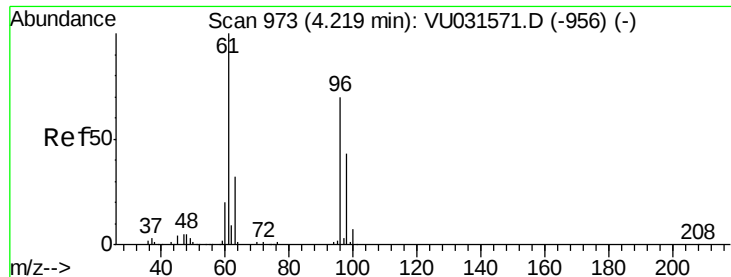
Tgt Ion: 43 Resp: 10436

Ion Ratio Lower Upper

43 100

58 23.6 0.0 64.4



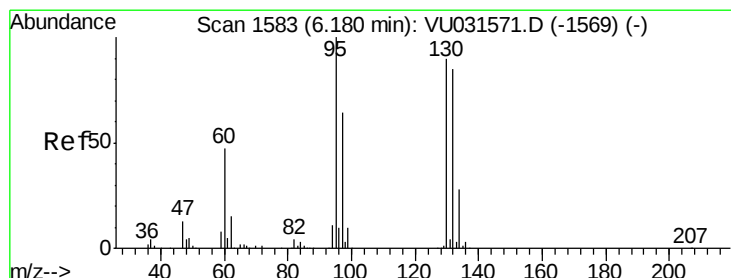
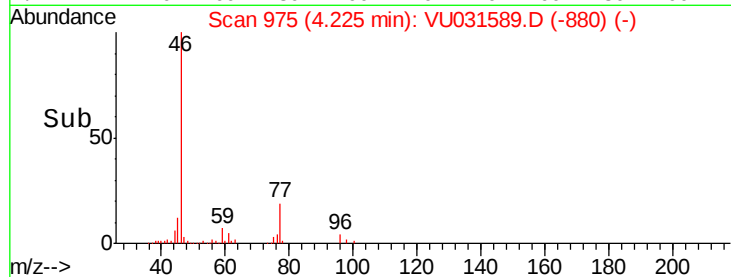
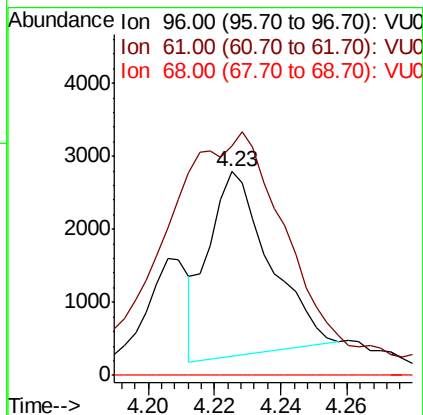
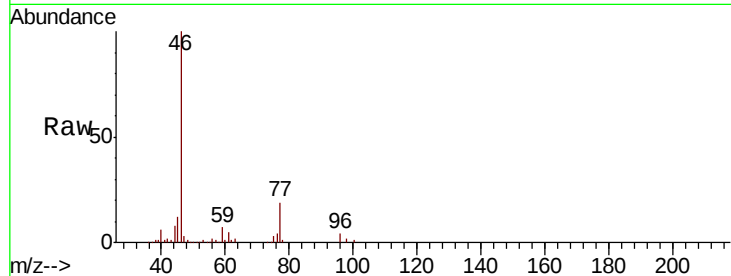


#20

cis-1,2-Dichloroethene
 Concen: 0.537 ug/L
 RT: 4.23 min Scan# 975
 Delta R.T. 0.01 min
 Lab File: VU031589.D
 Acq: 29 Apr 2019 16:18

Instrument :
 MSVOA_U
 ClientSampleId :
 C0X09DL

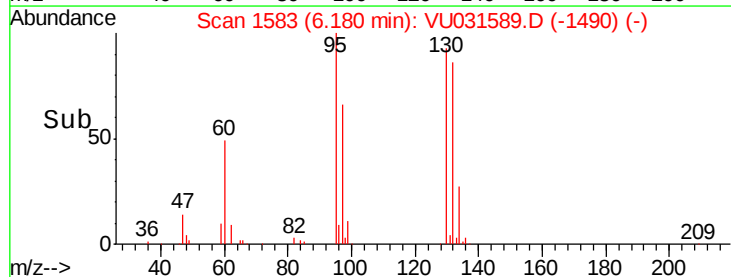
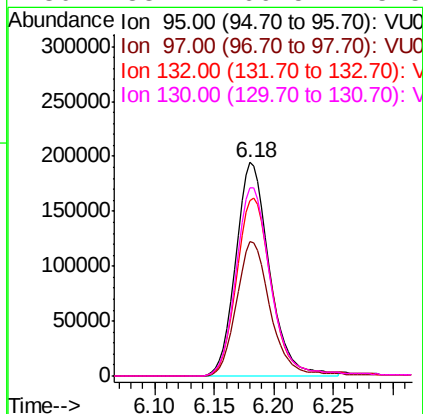
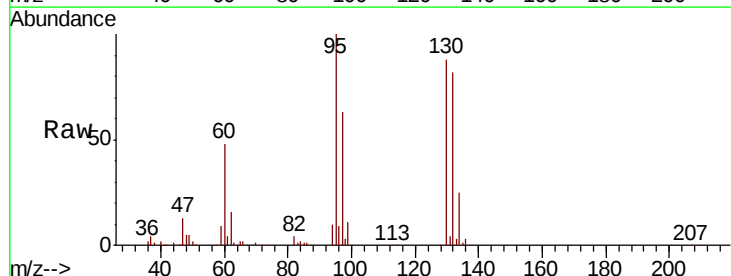
Tgt Ion: 96 Resp: 3211
 Ion Ratio Lower Upper
 96 100
 61 112.4 99.5 184.7
 68 0.0 0.0 0.0

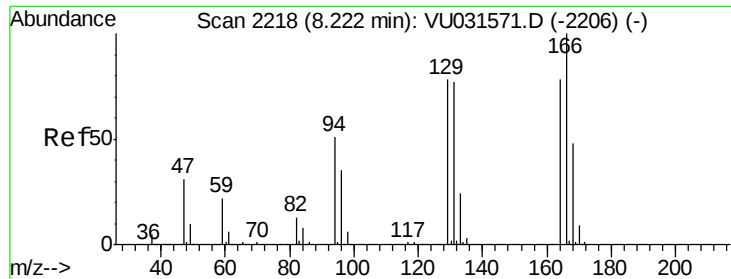


#34

Trichloroethene
 Concen: 65.183 ug/L
 RT: 6.18 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: VU031589.D
 Acq: 29 Apr 2019 16:18

Tgt Ion: 95 Resp: 381849
 Ion Ratio Lower Upper
 95 100
 97 62.7 44.8 83.2
 132 81.9 63.1 117.1
 130 88.2 66.5 123.5

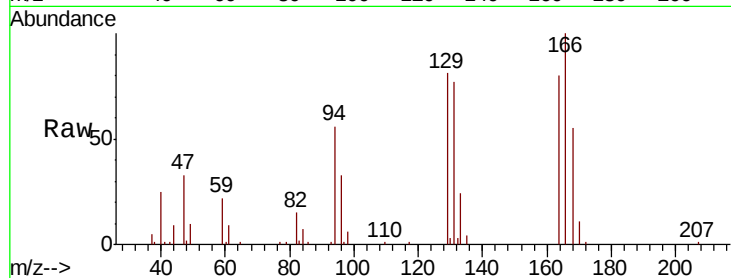




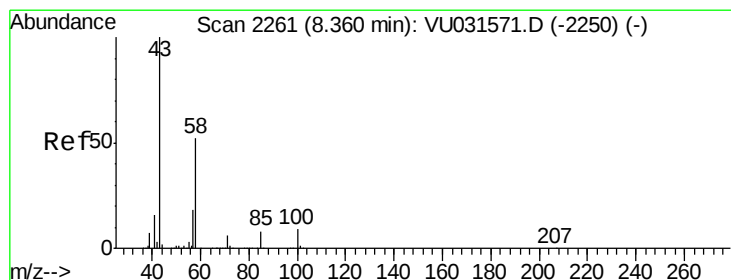
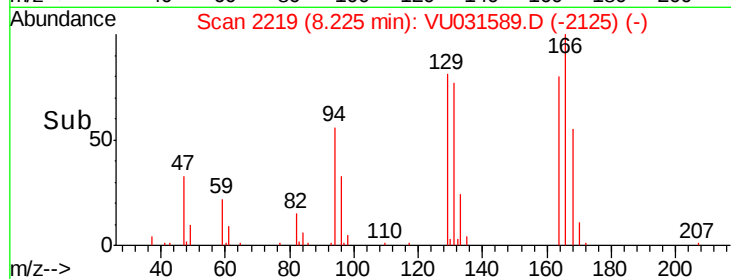
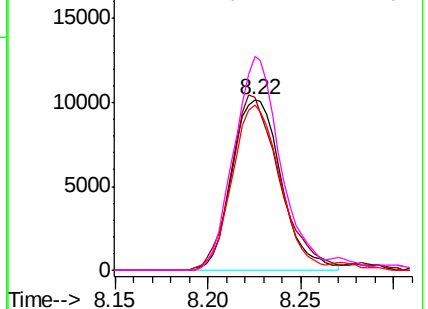
#46
Tetrachloroethene
Concen: 4.719 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. 0.00 min
Lab File: VU031589.D
Acq: 29 Apr 2019 16:18

Instrument :
MSVOA_U
ClientSampleId :
C0X09DL

Tgt Ion:164 Resp: 18847
Ion Ratio Lower Upper
164 100
129 101.3 71.5 132.9
131 96.7 69.0 128.2
166 125.3 93.7 173.9

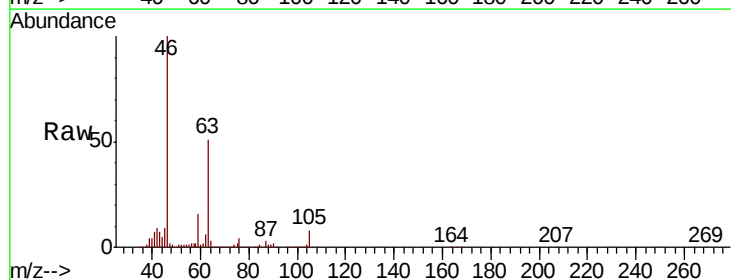


Abundance Ion 164.00 (163.70 to 164.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V
Ion 166.00 (165.70 to 166.70): V

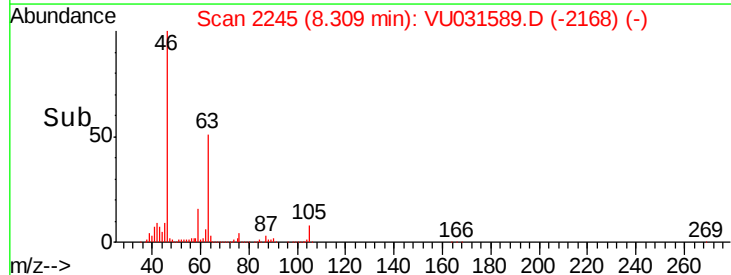
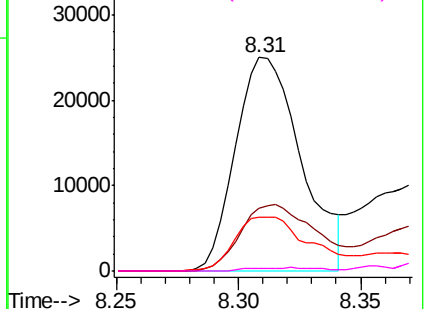


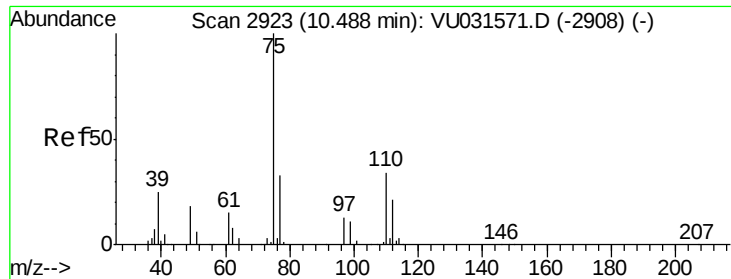
#48
2-Hexanone
Concen: 5.507 ug/L
RT: 8.31 min Scan# 2245
Delta R.T. -0.05 min
Lab File: VU031589.D
Acq: 29 Apr 2019 16:18

Tgt Ion: 43 Resp: 47016
Ion Ratio Lower Upper
43 100
58 36.8 42.1 63.1#
57 28.4 14.6 22.0#
100 0.8 7.2 10.8#



Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0
Ion 57.00 (56.70 to 57.70): VU0
Ion 100.00 (99.70 to 100.70): VU0





#59

1,2,3-Trichloropropane

Concen: 4.297 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU031589.D

Acq: 29 Apr 2019 16:18

Instrument :

MSVOA_U

ClientSampleId :

C0X09DL

Tgt Ion: 75 Resp: 34952

Ion Ratio Lower Upper

75 100

77 37.1 25.9 38.9

