

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU042919\
 Data File : VU031586.D
 Acq On : 29 Apr 2019 15:09
 Operator : JC/SP
 Sample : K2586-19DL 5X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0X65DL

Quant Time: Apr 30 01:58:50 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	662052	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	639936	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	243920	50.00	ug/L	0.00

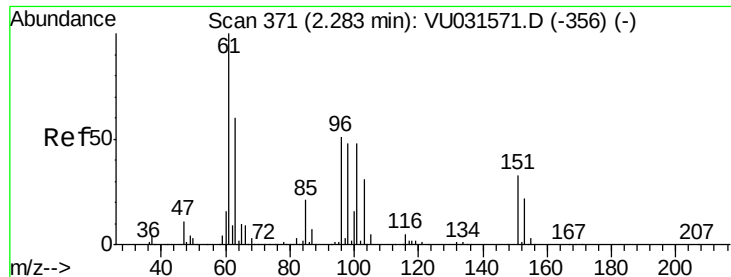
System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	288307	52.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	104.06%
7) Chloroethane-d5	1.68	69	232596	54.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	108.64%
11) 1,1-Dichloroethene-d2	2.38	63	351	0.03	ug/L	0.11
Spiked Amount	50.000	Range	60 - 125	Recovery	=	0.06%#
21) 2-Butanone-d5	4.18	46	576702	114.87	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	114.87%
24) Chloroform-d	4.64	84	525495	51.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.56%
26) 1,2-Dichloroethane-d4	5.31	65	361201	54.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.96%
32) Benzene-d6	5.34	84	1030512	52.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.88%
36) 1,2-Dichloropropane-d6	6.32	67	359608	52.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.04%
41) Toluene-d8	7.56	98	845496	49.40	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.80%
43) trans-1,3-Dichloropropene-	7.85	79	144499	48.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.38%
47) 2-Hexanone-d5	8.31	63	327310	109.38	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.38%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	476720	51.38	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.76%
64) 1,2-Dichlorobenzene-d4	11.85	152	264273	51.52	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.04%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	3157	0.595	ug/L #	21
12) 1,1-Dichloroethene	2.27	96	3344	0.647	ug/L #	1
13) Acetone	2.34	43	9838	1.740	ug/L	99
34) Trichloroethene	6.18	95	401566	70.410	ug/L	95
44) trans-1,3-Dichloropropene	7.85	75	5725	0.715	ug/L	94
46) Tetrachloroethene	8.23	164	3703	0.952	ug/L	83
48) 2-Hexanone	8.37	43	22327	2.686	ug/L #	48
49) Dibromochloromethane	8.22	129	4056	0.708	ug/L #	11
59) 1,2,3-Trichloropropane	11.48	75	31803	4.016	ug/L	91

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



#10

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

Concen: 0.595 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU031586.D

Acq: 29 Apr 2019 15:09

Instrument :

MSVOA_U

ClientSampled :

C0X65DL

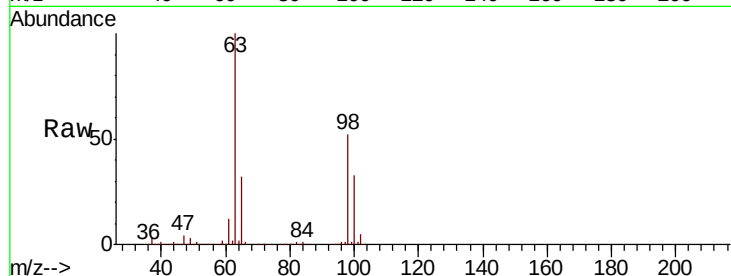
Tgt Ion: 101 Resp: 3157

Ion Ratio Lower Upper

101 100

85 0.0 36.1 54.1#

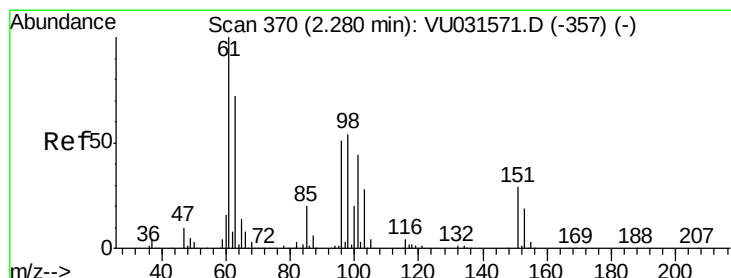
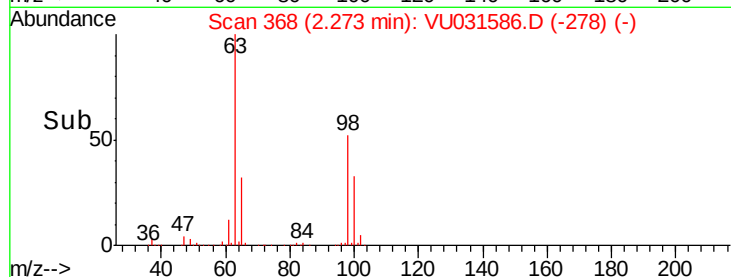
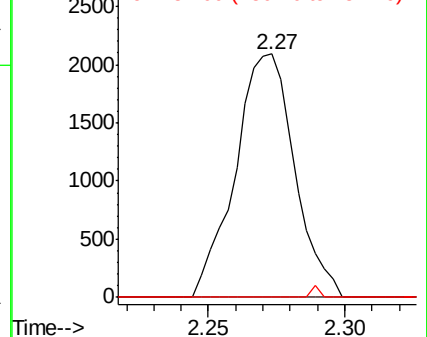
151 0.0 56.1 84.1#



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: 0.647 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU031586.D

Acq: 29 Apr 2019 15:09

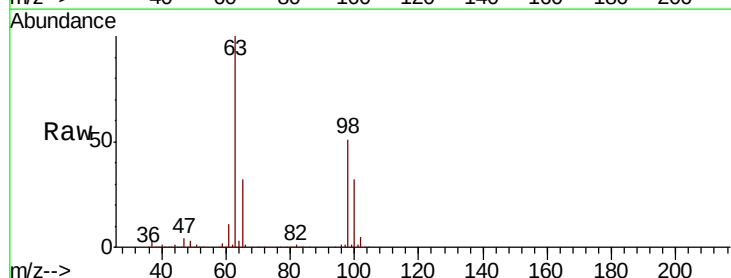
Tgt Ion: 96 Resp: 3344

Ion Ratio Lower Upper

96 100

61 1399.5 135.0 250.6#

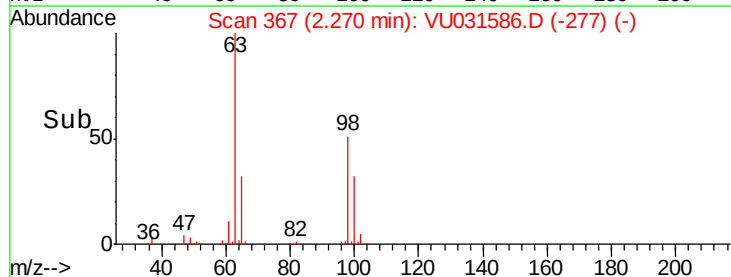
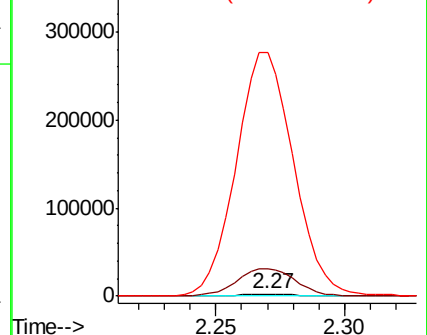
63 12225.6 103.5 192.3#

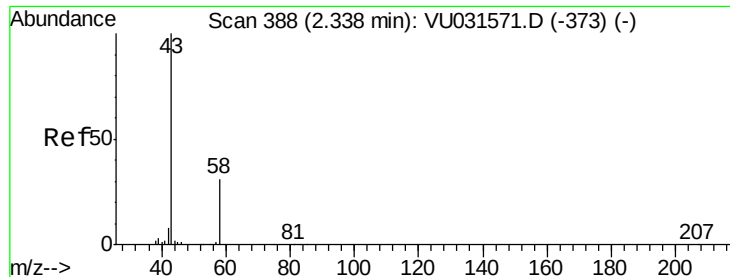


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 1.740 ug/L

RT: 2.34 min Scan# 388

Delta R.T. -0.00 min

Lab File: VU031586.D

Acq: 29 Apr 2019 15:09

Instrument :

MSVOA_U

ClientSampled :

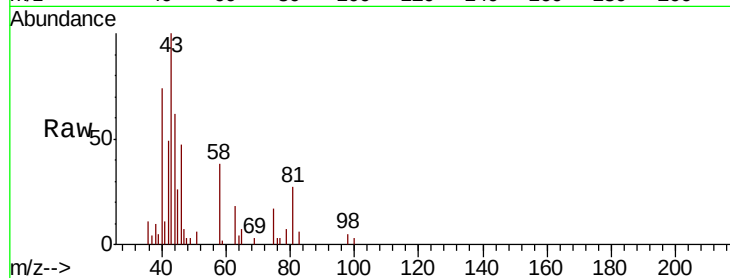
C0X65DL

Tgt Ion: 43 Resp: 9838

Ion Ratio Lower Upper

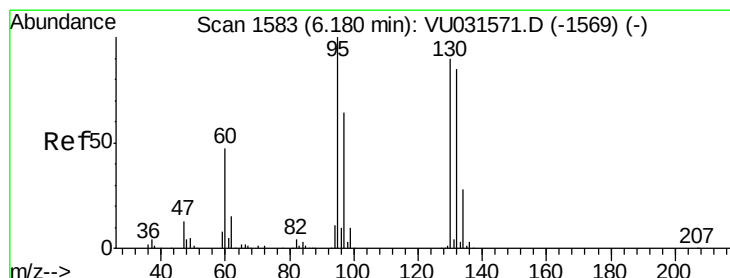
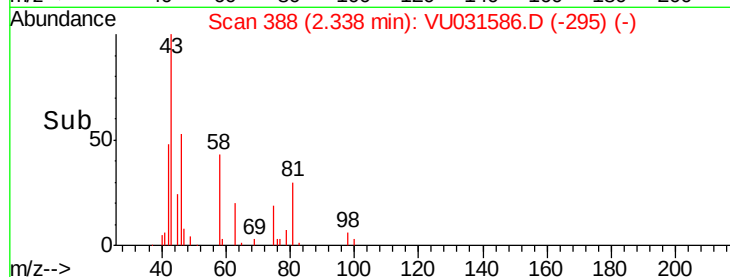
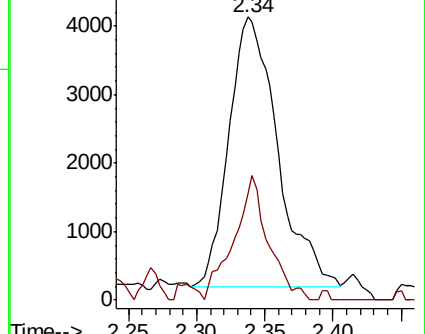
43 100

58 31.5 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) (-)



#34

Trichloroethene

Concen: 70.410 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. 0.00 min

Lab File: VU031586.D

Acq: 29 Apr 2019 15:09

Tgt Ion: 95 Resp: 401566

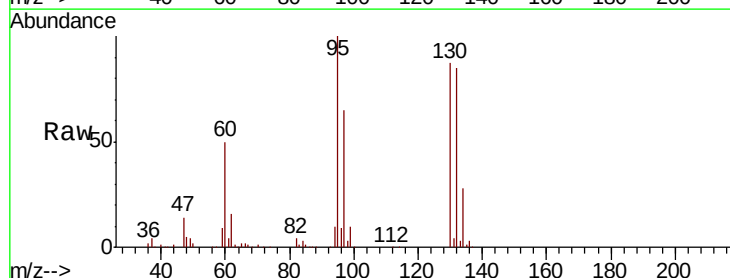
Ion Ratio Lower Upper

95 100

97 64.6 44.8 83.2

132 84.8 63.1 117.1

130 86.9 66.5 123.5

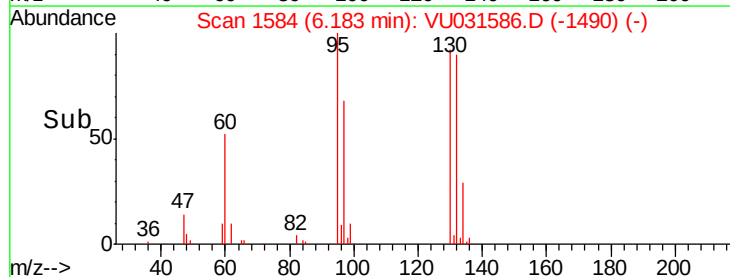
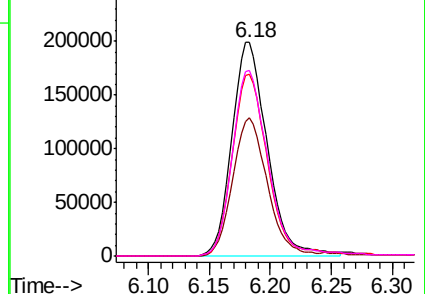


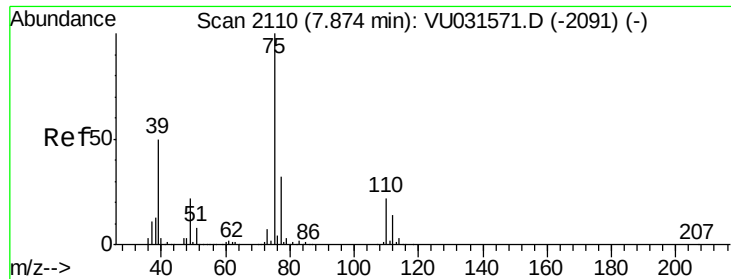
Abundance Ion 95.00 (94.70 to 95.70): VU031571.D (-1569) (-)

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) (-)





#44

trans-1,3-Dichloropropene

Concen: 0.715 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU031586.D

Acq: 29 Apr 2019 15:09

Instrument :

MSVOA_U

ClientSampleId :

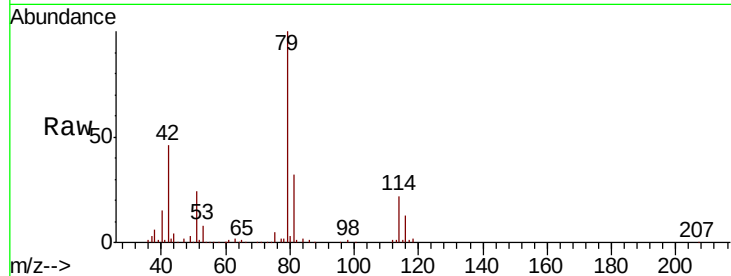
C0X65DL

Tgt Ion: 75 Resp: 5725

Ion Ratio Lower Upper

75 100

77 35.2 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) (-)

7.85

4000

3000

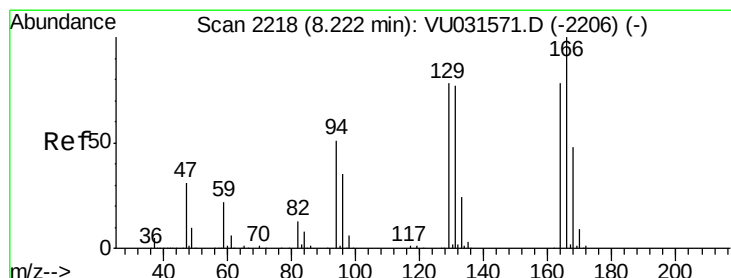
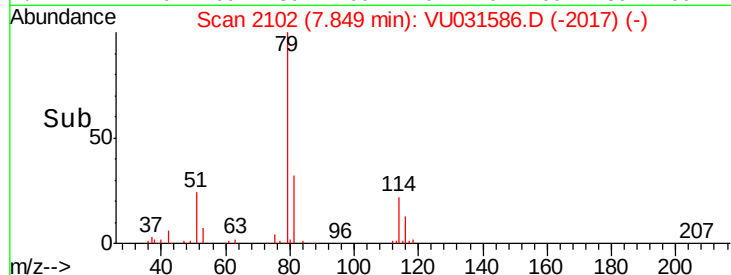
2000

1000

0

7.80 7.85 7.90

Time-->



#46

Tetrachloroethene

Concen: 0.952 ug/L

RT: 8.23 min Scan# 2220

Delta R.T. 0.01 min

Lab File: VU031586.D

Acq: 29 Apr 2019 15:09

Tgt Ion: 164 Resp: 3703

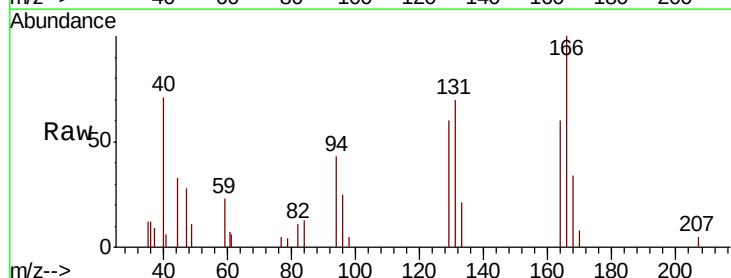
Ion Ratio Lower Upper

164 100

129 99.7 71.5 132.9

131 115.3 69.0 128.2

166 165.8 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) (-)

5000

4000

3000

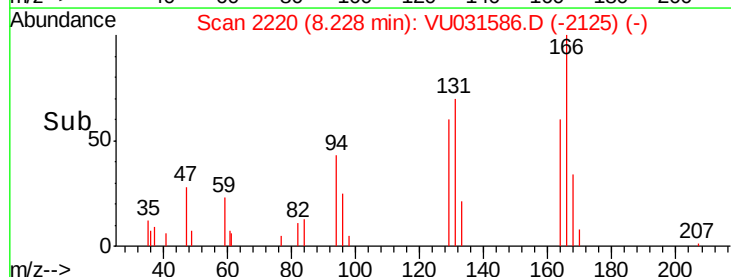
2000

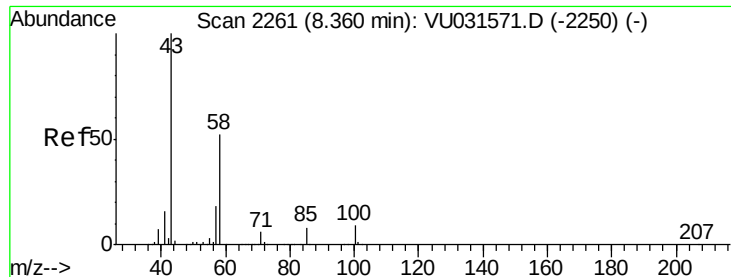
1000

0

8.20 8.23 8.26

Time-->

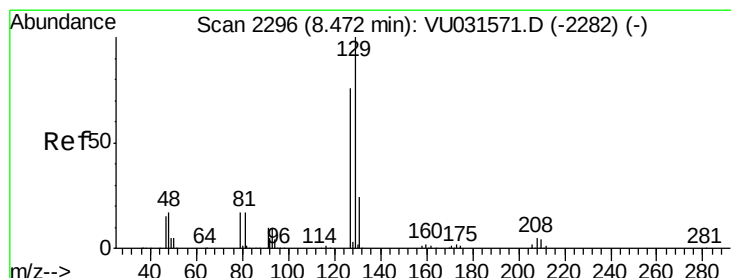
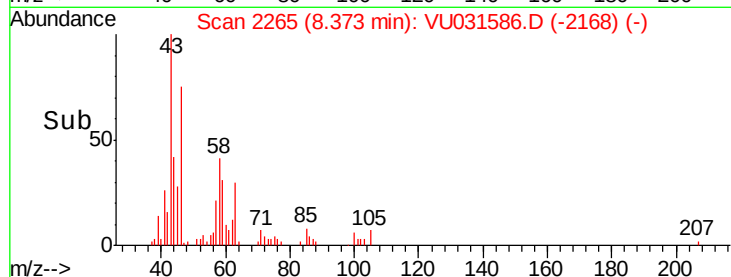
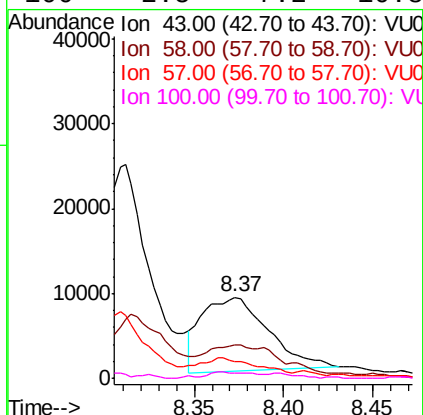
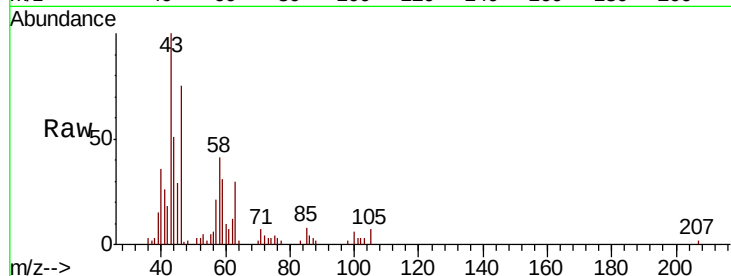




#48
2-Hexanone
Concen: 2.686 ug/L
RT: 8.37 min Scan# 2265
Delta R.T. 0.01 min
Lab File: VU031586.D
Acq: 29 Apr 2019 15:09

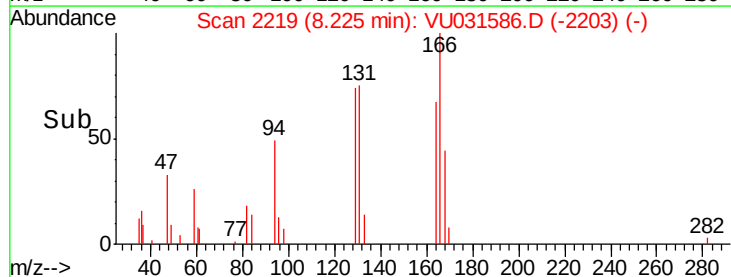
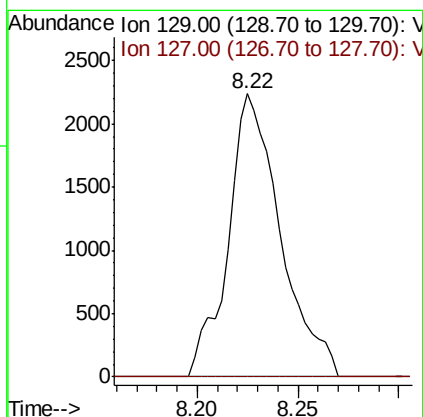
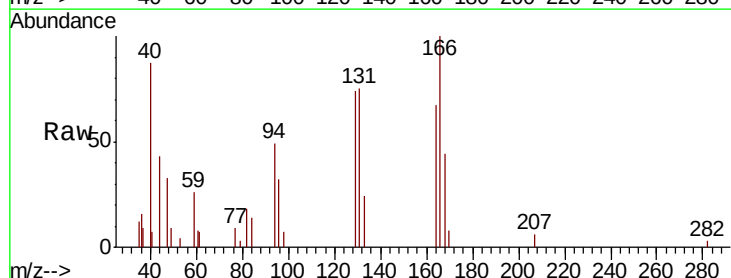
Instrument :
MSVOA_U
ClientSampleId :
C0X65DL

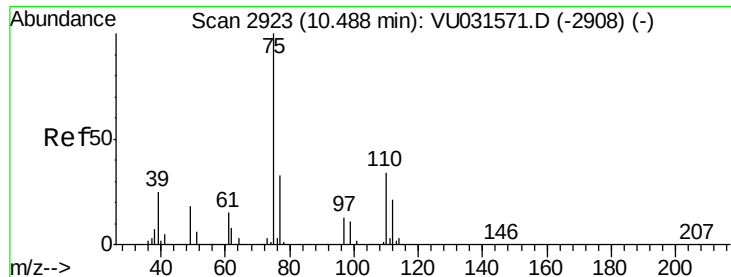
Tgt Ion: 43 Resp: 22327
Ion Ratio Lower Upper
43 100
58 9.3 42.1 63.1#
57 0.0 14.6 22.0#
100 2.5 7.2 10.8#



#49
Dibromochloromethane
Concen: 0.708 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. -0.25 min
Lab File: VU031586.D
Acq: 29 Apr 2019 15:09

Tgt Ion: 129 Resp: 4056
Ion Ratio Lower Upper
129 100
127 0.0 54.0 100.2#





#59

1,2,3-Trichloropropane

Concen: 4.016 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU031586.D

Acq: 29 Apr 2019 15:09

Instrument :

MSVOA_U

ClientSampleId :

C0X65DL

Tgt Ion: 75 Resp: 31803

Ion Ratio Lower Upper

75 100

77 37.2 25.9 38.9

