

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU042919\
 Data File : VU031584.D
 Acq On : 29 Apr 2019 14:22
 Operator : JC/SP
 Sample : K2592-16
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0X82

Quant Time: Apr 30 01:58:36 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	681048	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	663060	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	250139	50.00	ug/L	0.00

System Monitoring Compounds

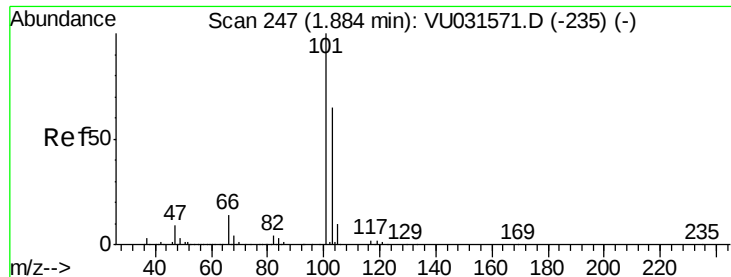
4) Vinyl Chloride-d3	1.40	65	280361	49.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.38%
7) Chloroethane-d5	1.68	69	232747	52.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.68%
11) 1,1-Dichloroethene-d2	2.27	63	429178	37.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.62%
21) 2-Butanone-d5	4.18	46	587389	113.74	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	113.74%
24) Chloroform-d	4.64	84	522834	50.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.16%
26) 1,2-Dichloroethane-d4	5.31	65	363920	53.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.72%
32) Benzene-d6	5.34	84	1037205	50.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.88%
36) 1,2-Dichloropropane-d6	6.33	67	367014	51.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.46%
41) Toluene-d8	7.56	98	857329	48.34	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.68%
43) trans-1,3-Dichloropropene-	7.85	79	147963	48.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.24%
47) 2-Hexanone-d5	8.31	63	343797	110.88	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.88%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	489991	50.97	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.94%
64) 1,2-Dichlorobenzene-d4	11.85	152	277063	52.67	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.34%

Target Compounds

					Qvalue
9) Trichlorofluoromethane	1.88	101	114993	11.908 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	4093	0.750 ug/L #	21
13) Acetone	2.33	43	408840	70.281 ug/L	98
20) cis-1,2-Dichloroethene	4.23	96	19171	3.228 ug/L	99
22) 2-Butanone	4.28	43	13845	2.148 ug/L	87
34) Trichloroethene	6.19	95	33452	5.661 ug/L	97
46) Tetrachloroethene	8.22	164	199933	49.629 ug/L	98
48) 2-Hexanone	8.37	43	25626	2.976 ug/L #	49
59) 1,2,3-Trichloropropane	11.48	75	35127	4.281 ug/L	92

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

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Acq On    : 29 Apr 2019   14:22
Operator  : JC/SP
Sample    : K2592-16
Misc      : 5.0mL/MSVOA_U/WATER
ALS Vial  : 15   Sample Multiplier: 1
```



#9

Trichlorofluoromethane

Concen: 11.908 ug/L

RT: 1.88 min Scan# 247

Delta R.T. 0.00 min

Lab File: VU031584.D

Acq: 29 Apr 2019 14:22

Instrument :

MSVOA_U

ClientSampleId :

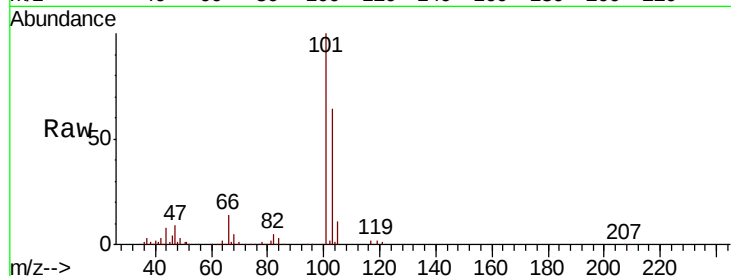
C0X82

Tgt Ion:101 Resp: 114993

Ion Ratio Lower Upper

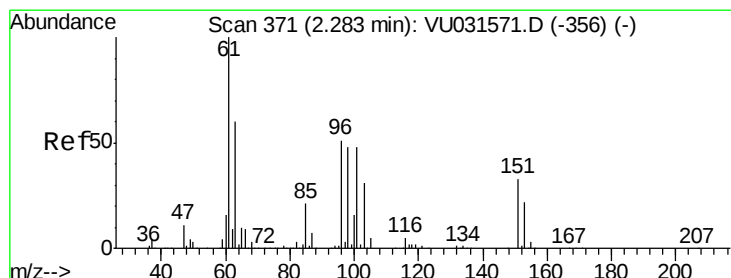
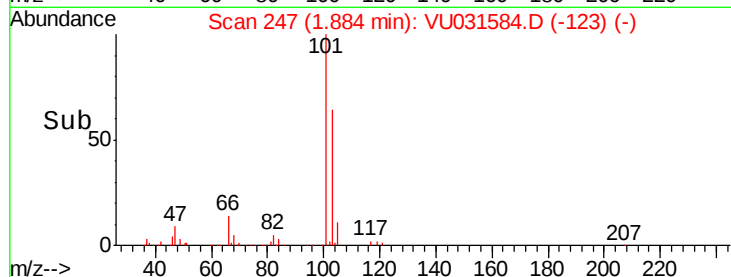
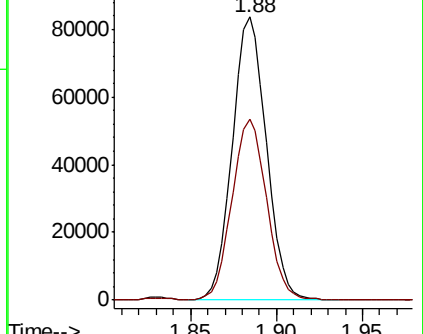
101 100

103 65.1 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: 0.750 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU031584.D

Acq: 29 Apr 2019 14:22

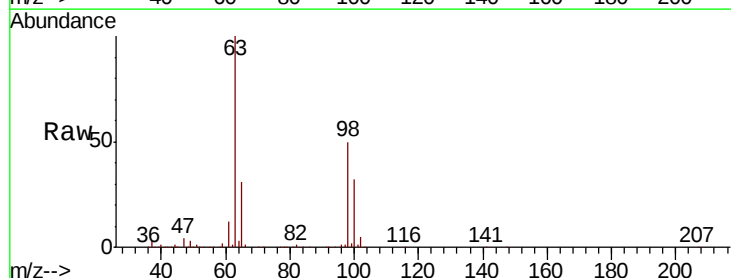
Tgt Ion:101 Resp: 4093

Ion Ratio Lower Upper

101 100

85 0.0 36.1 54.1#

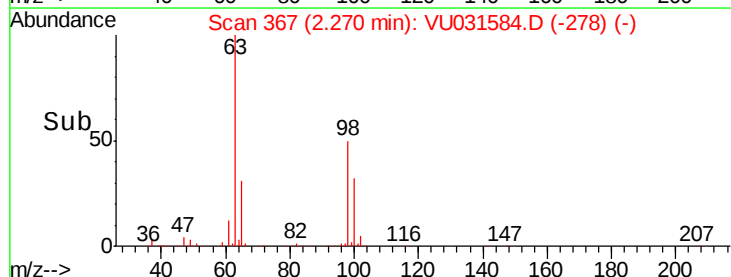
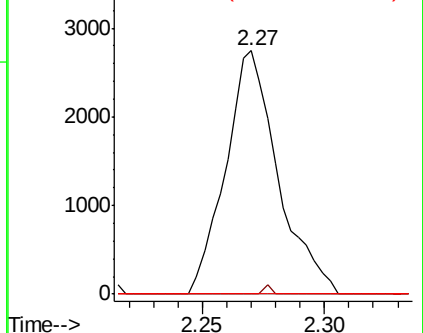
151 0.0 56.1 84.1#

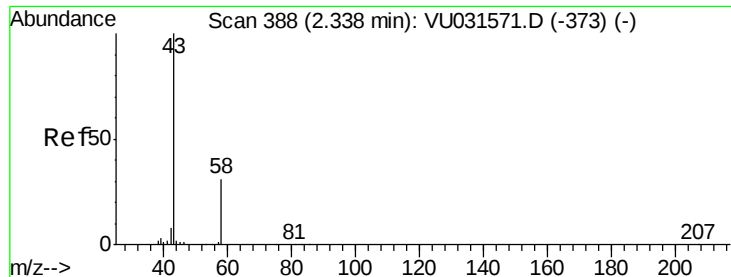


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V





#13

Acetone

Concen: 70.281 ug/L

RT: 2.33 min Scan# 387

Delta R.T. -0.00 min

Lab File: VU031584.D

Acq: 29 Apr 2019 14:22

Instrument :

MSVOA_U

ClientSampleId :

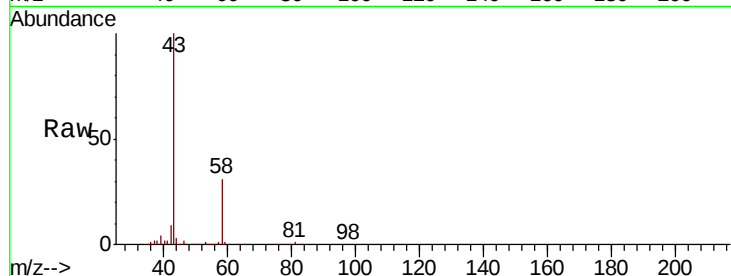
C0X82

Tgt Ion: 43 Resp: 408840

Ion Ratio Lower Upper

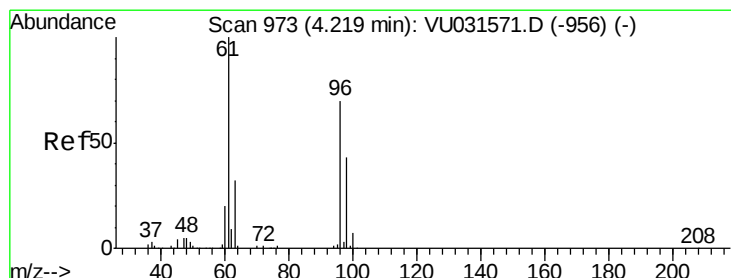
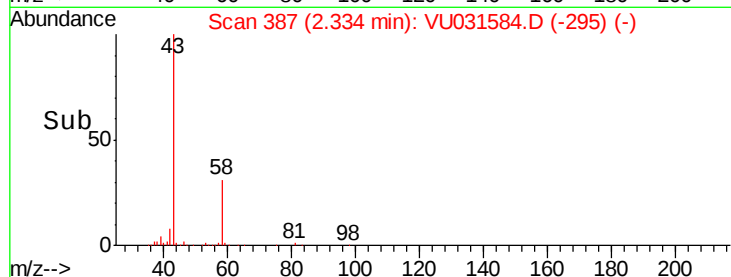
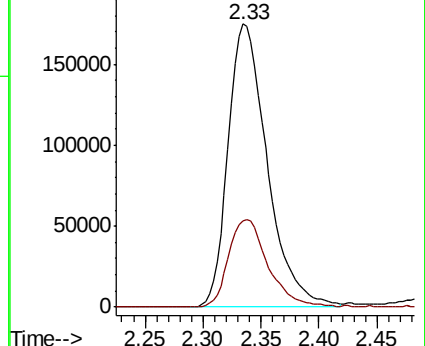
43 100

58 31.4 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) (-)



#20

cis-1,2-Dichloroethene

Concen: 3.228 ug/L

RT: 4.23 min Scan# 976

Delta R.T. 0.01 min

Lab File: VU031584.D

Acq: 29 Apr 2019 14:22

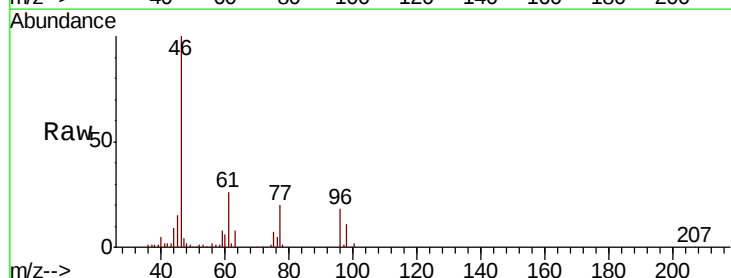
Tgt Ion: 96 Resp: 19171

Ion Ratio Lower Upper

96 100

61 142.8 99.5 184.7

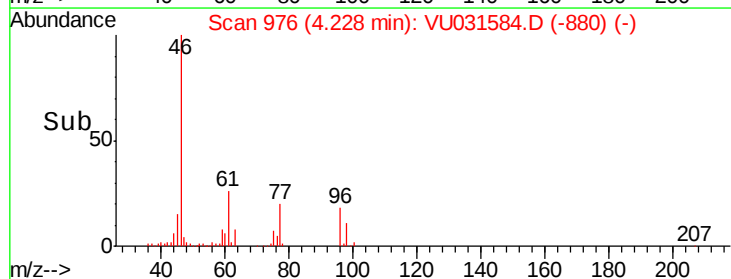
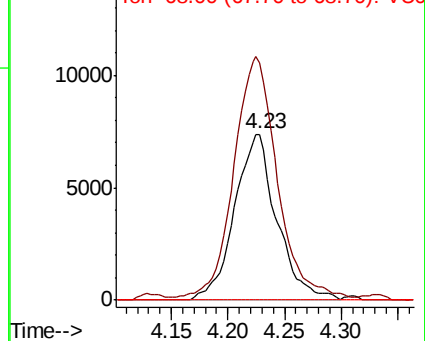
68 0.0 0.0 0.0

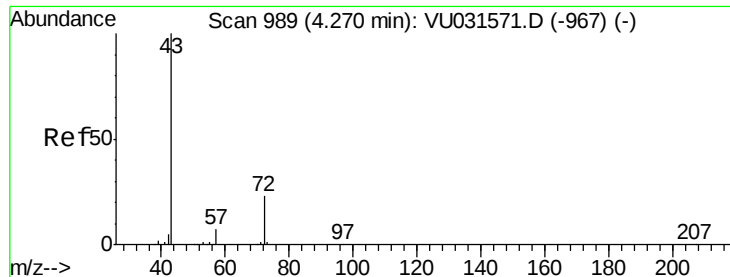


Abundance Ion 96.00 (95.70 to 96.70): VU031571.D (-956) (-)

Ion 61.00 (60.70 to 61.70): VU031571.D (-956) (-)

Ion 68.00 (67.70 to 68.70): VU031571.D (-956) (-)





#22

2-Butanone

Concen: 2.148 ug/L

RT: 4.28 min Scan# 993

Delta R.T. 0.01 min

Lab File: VU031584.D

Acq: 29 Apr 2019 14:22

Instrument :

MSVOA_U

ClientSampleId :

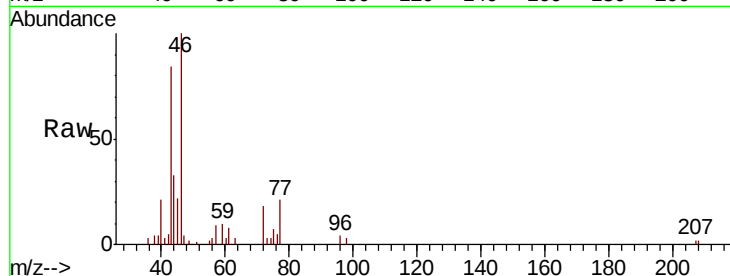
C0X82

Tgt Ion: 43 Resp: 13845

Ion Ratio Lower Upper

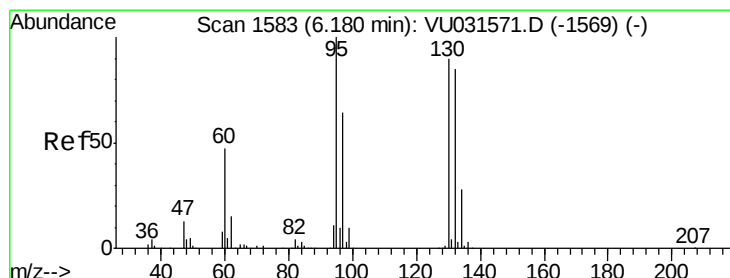
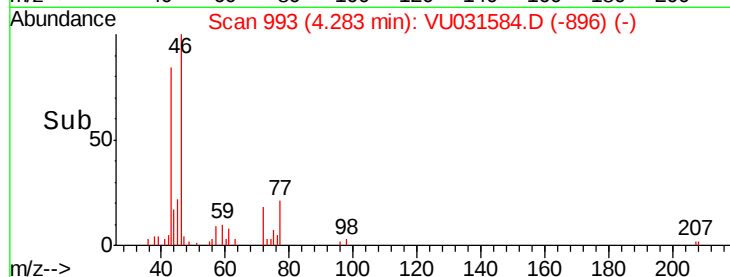
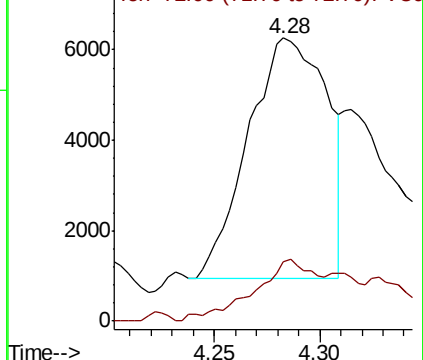
43 100

72 16.6 11.4 34.2



Abundance Ion 43.00 (42.70 to 43.70): VU031571.D (-967) (-)

Ion 72.00 (71.70 to 72.70): VU031571.D (-967) (-)



#34

Trichloroethene

Concen: 5.661 ug/L

RT: 6.19 min Scan# 1585

Delta R.T. 0.01 min

Lab File: VU031584.D

Acq: 29 Apr 2019 14:22

Tgt Ion: 95 Resp: 33452

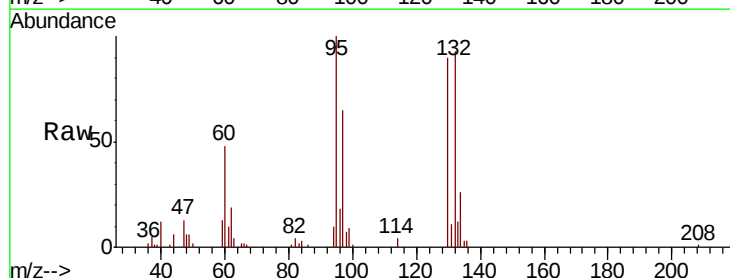
Ion Ratio Lower Upper

95 100

97 64.7 44.8 83.2

132 93.0 63.1 117.1

130 90.2 66.5 123.5

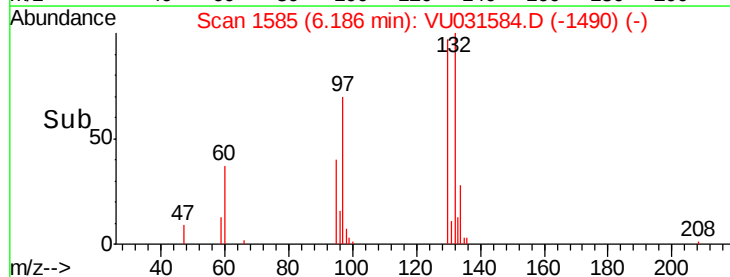
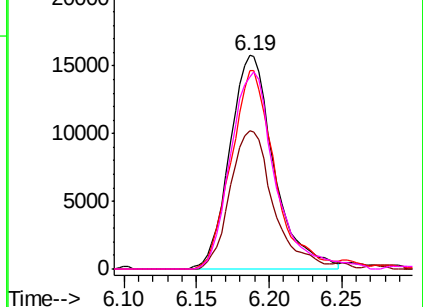


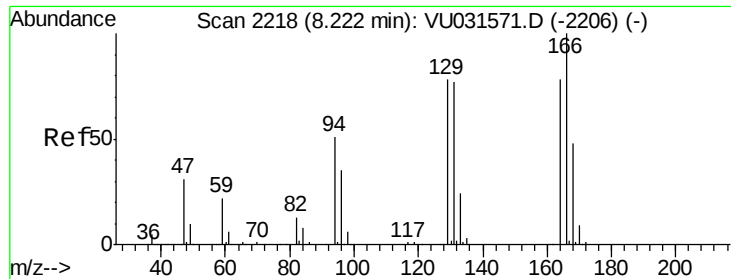
Abundance Ion 95.00 (94.70 to 95.70): VU031571.D (-1569) (-)

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) (-)

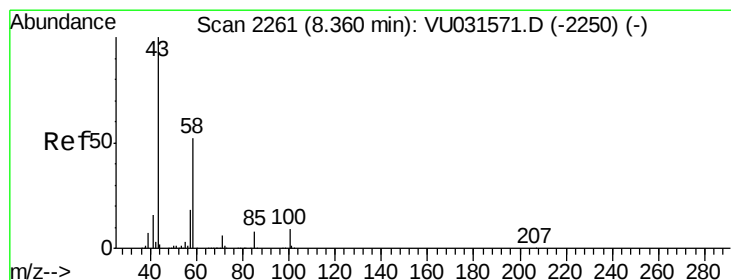
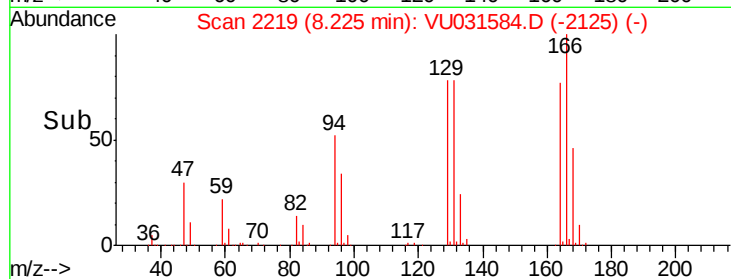
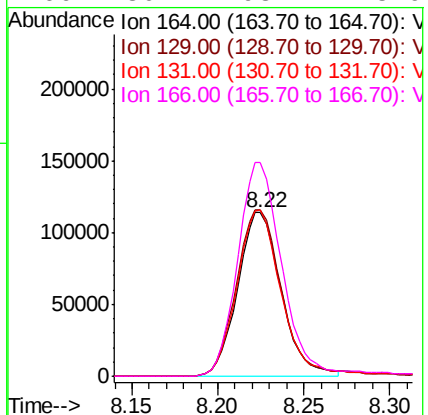
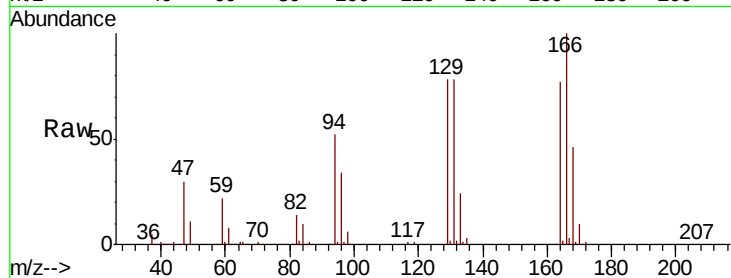




#46
Tetrachloroethene
Concen: 49.629 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. 0.00 min
Lab File: VU031584.D
Acq: 29 Apr 2019 14:22

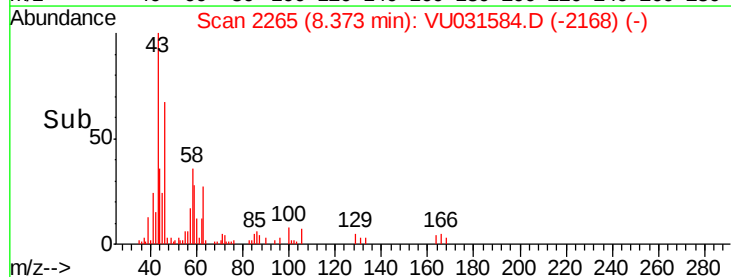
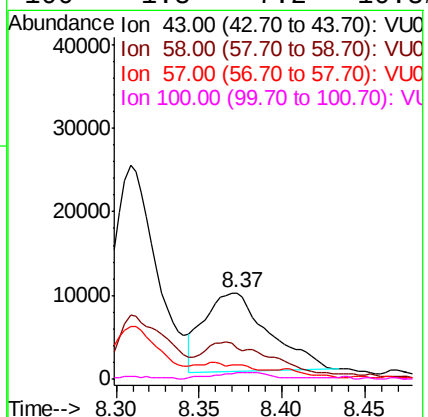
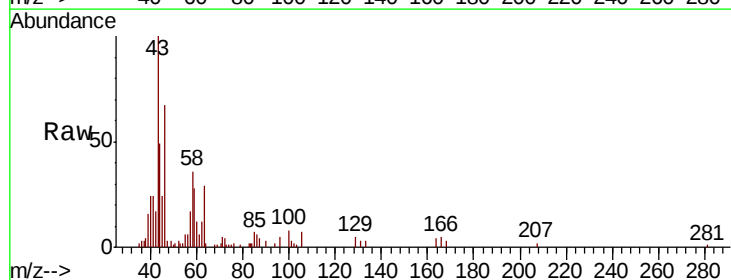
Instrument :
MSVOA_U
ClientSampleId :
C0X82

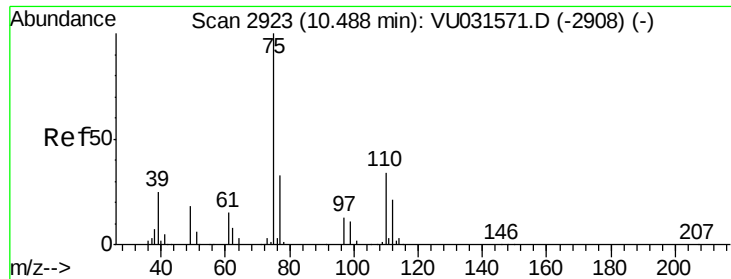
Tgt Ion:164 Resp: 199933
Ion Ratio Lower Upper
164 100
129 101.6 71.5 132.9
131 101.4 69.0 128.2
166 130.4 93.7 173.9



#48
2-Hexanone
Concen: 2.976 ug/L
RT: 8.37 min Scan# 2265
Delta R.T. 0.01 min
Lab File: VU031584.D
Acq: 29 Apr 2019 14:22

Tgt Ion: 43 Resp: 25626
Ion Ratio Lower Upper
43 100
58 9.3 42.1 63.1#
57 1.2 14.6 22.0#
100 1.8 7.2 10.8#





#59

1,2,3-Trichloropropane

Concen: 4.281 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU031584.D

Acq: 29 Apr 2019 14:22

Instrument :

MSVOA_U

ClientSampleId :

C0X82

Tgt Ion: 75 Resp: 35127

Ion Ratio Lower Upper

75 100

77 37.1 25.9 38.9

