

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041319\
 Data File : VU031186.D
 Acq On : 14 Apr 2019 03:11
 Operator : JC/SP
 Sample : K2339-14DL 20X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFC37DL

Quant Time: Apr 14 04:29:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sun Apr 14 04:25:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	473213	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	463250	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	172331	50.00	ug/L	0.00

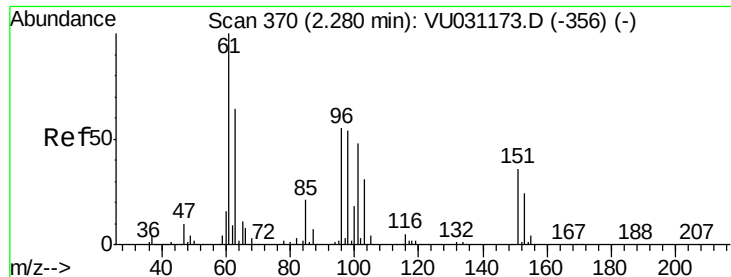
System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	179546	42.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.00%
7) Chloroethane-d5	1.67	69	151460	47.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.48%
11) 1,1-Dichloroethene-d2	2.26	63	295266	38.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.30%
21) 2-Butanone-d5	4.17	46	327687	97.88	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.88%
24) Chloroform-d	4.64	84	322894	50.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.08%
26) 1,2-Dichloroethane-d4	5.30	65	221940	50.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.82%
32) Benzene-d6	5.33	84	645164	47.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.42%
36) 1,2-Dichloropropane-d6	6.32	67	218769	47.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.40%
41) Toluene-d8	7.56	98	546807	45.62	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.24%
43) trans-1,3-Dichloropropene-	7.85	79	88640	41.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.88%
47) 2-Hexanone-d5	8.31	63	190489	89.93	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.93%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	305773	48.91	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.82%
64) 1,2-Dichlorobenzene-d4	11.86	152	185728	54.80	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.60%

Target Compounds

					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2501	0.738 ug/L #	22
12) 1,1-Dichloroethene	2.27	96	3243	0.991 ug/L #	1
20) cis-1,2-Dichloroethene	4.22	96	2237	0.583 ug/L	72
25) Chloroform	4.67	83	7325	1.017 ug/L	100
34) Trichloroethene	6.18	95	87336	23.489 ug/L	93
44) trans-1,3-Dichloropropene	7.85	75	3546	0.659 ug/L	85
59) 1,2,3-Trichloropropane	11.48	75	20724	4.031 ug/L	97

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



#10

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

Concen: 0.738 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

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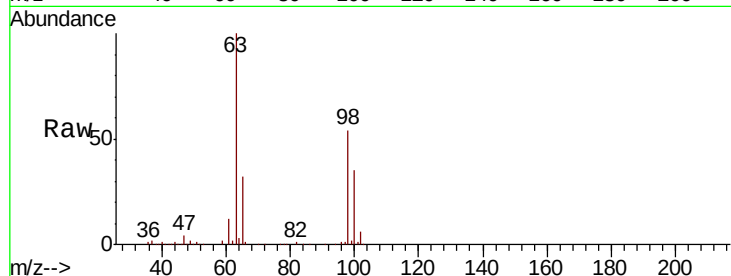
Tot Ion:101 Resp: 2501

Ion Ratio Lower Upper

101 100

85 0.0 36.8 55.2#

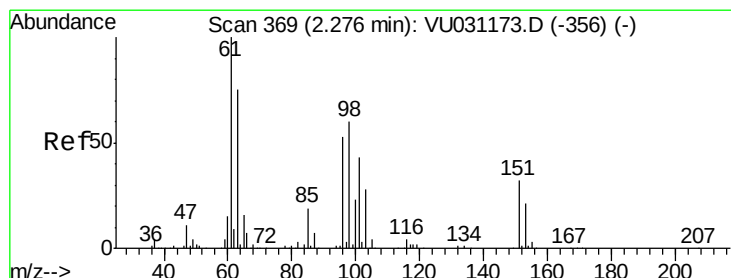
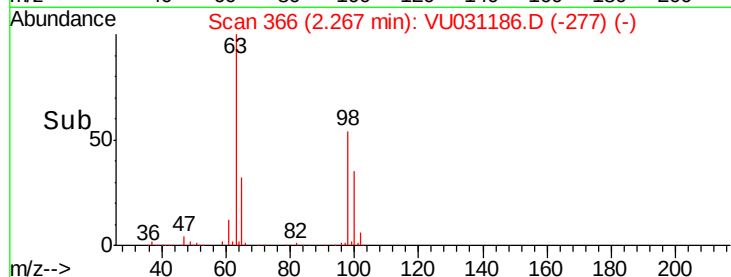
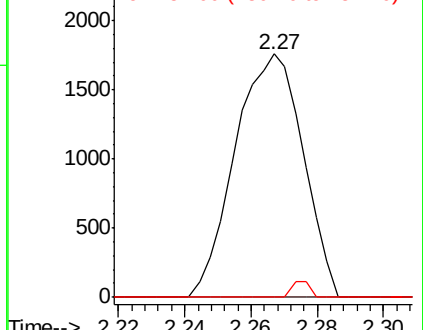
151 1.8 57.4 86.0#



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: 0.991 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU031186.D

Acq: 14 Apr 2019 03:11

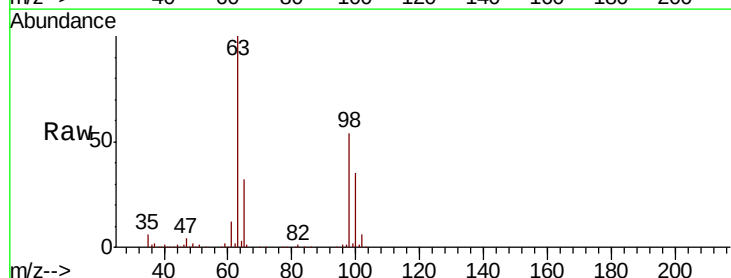
Tgt Ion: 96 Resp: 3243

Ion Ratio Lower Upper

96 100

61 1013.6 132.0 245.2#

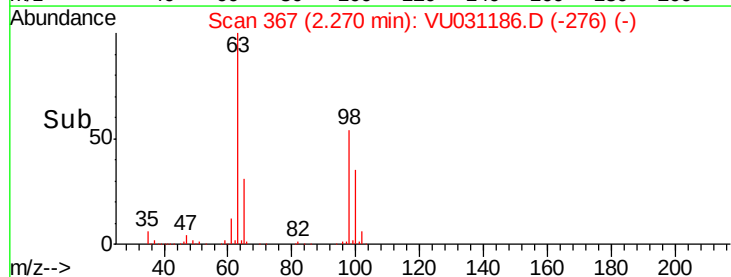
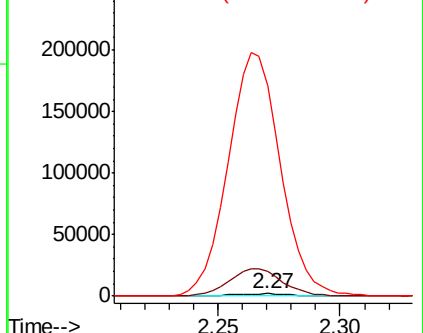
63 8609.8 90.9 168.9#

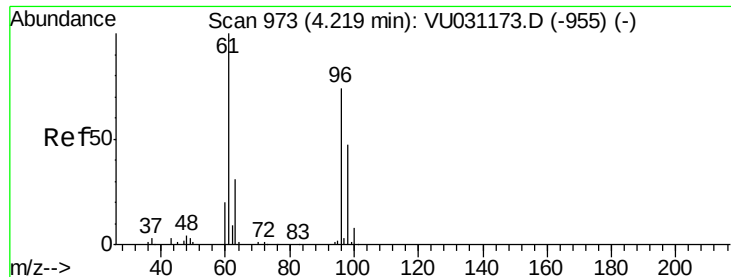


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#20

cis-1,2-Dichloroethene

Concen: 0.583 ug/L

RT: 4.22 min Scan# 973

Delta R.T. 0.00 min

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BFC37DL

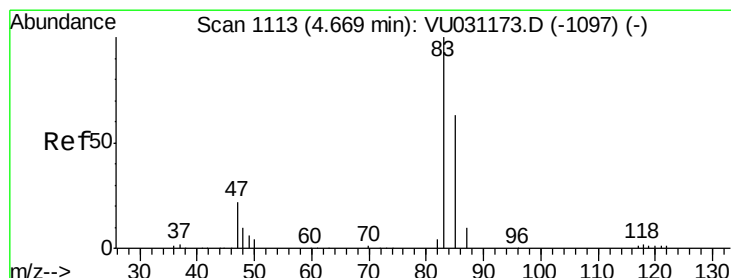
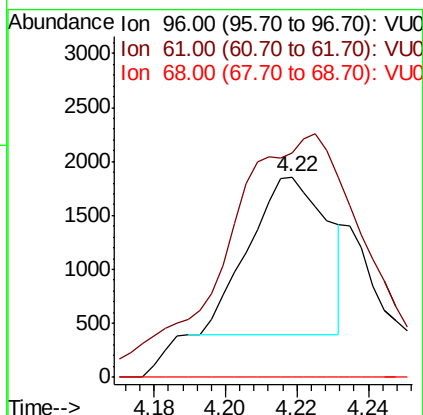
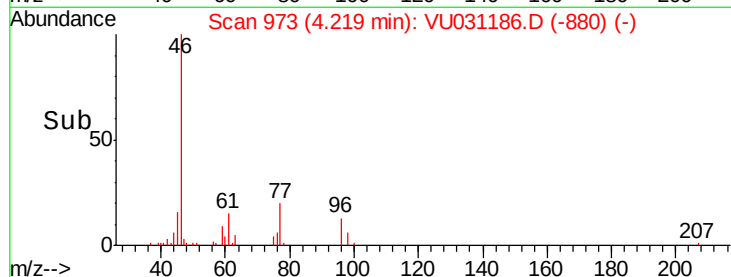
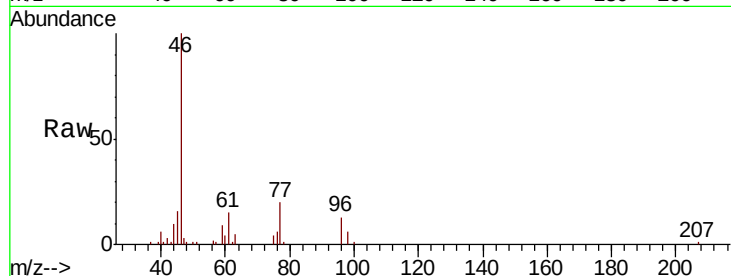
Tot Ion: 96 Resp: 2237

Ion Ratio Lower Upper

96 100

61 112.0 102.9 191.1

68 0.0 0.0 0.0



#25

Chloroform

Concen: 1.017 ug/L

RT: 4.67 min Scan# 1112

Delta R.T. -0.00 min

Lab File: VU031186.D

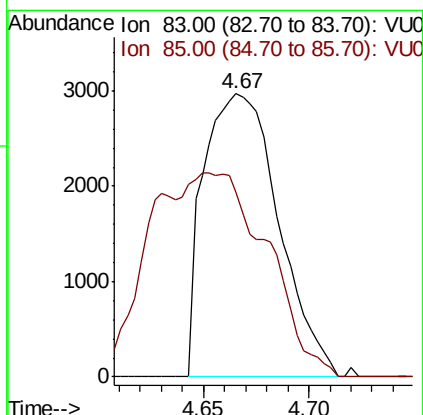
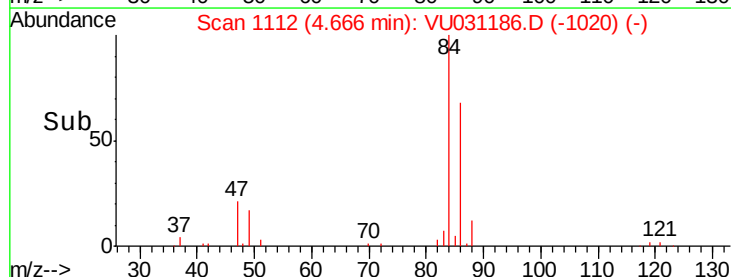
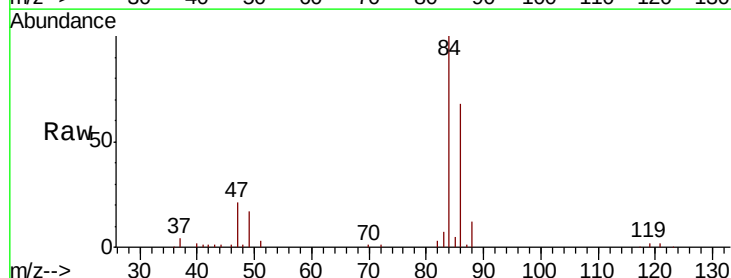
Acq: 14 Apr 2019 03:11

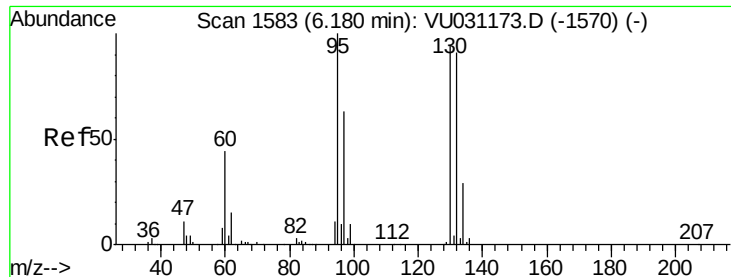
Tgt Ion: 83 Resp: 7325

Ion Ratio Lower Upper

83 100

85 65.2 45.8 85.0





#34

Trichloroethene

Concen: 23.489 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. 0.00 min

Lab File: VU031186.D

Acq: 14 Apr 2019 03:11

Instrument :

MSVOA_U

ClientSampleId :

BFC37DL

Tot Ion: 95 Resp: 87336

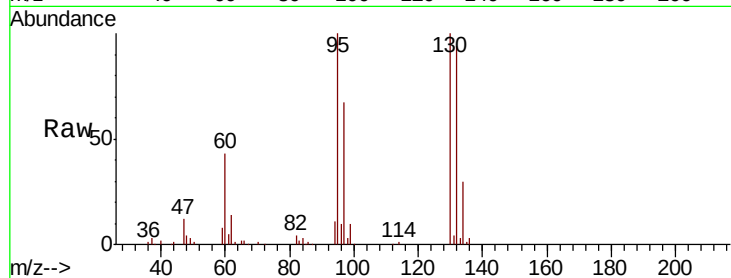
Ion Ratio Lower Upper

95 100

97 67.5 44.5 82.7

132 94.3 61.5 114.1

130 100.3 64.9 120.5

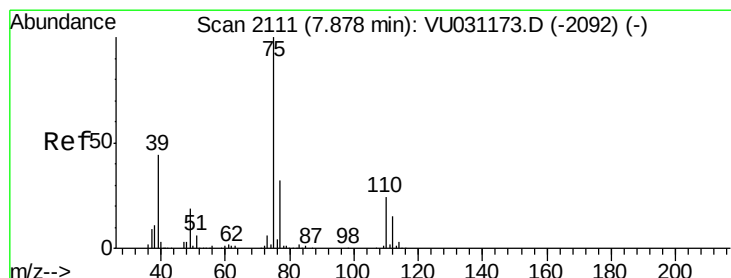
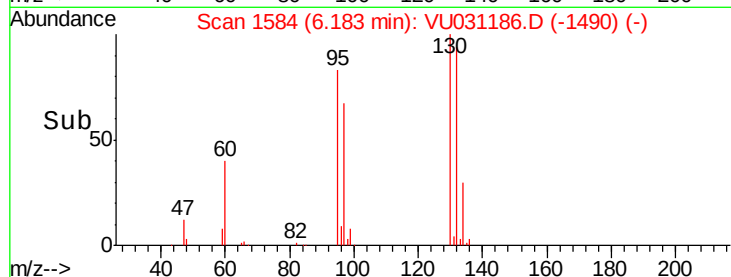
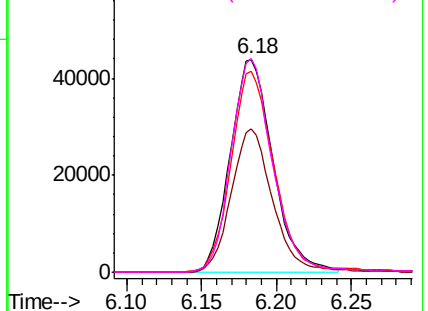


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#44

trans-1,3-Dichloropropene

Concen: 0.659 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU031186.D

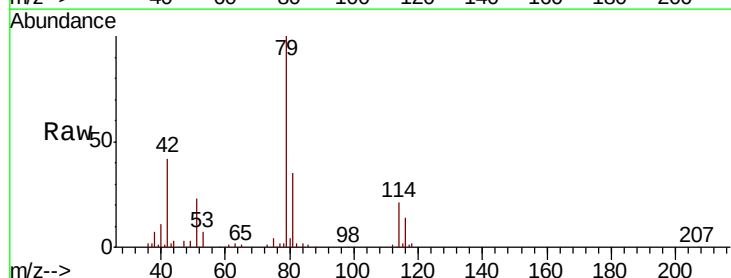
Acq: 14 Apr 2019 03:11

Tgt Ion: 75 Resp: 3546

Ion Ratio Lower Upper

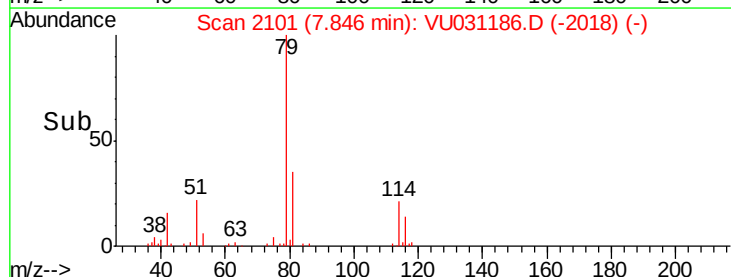
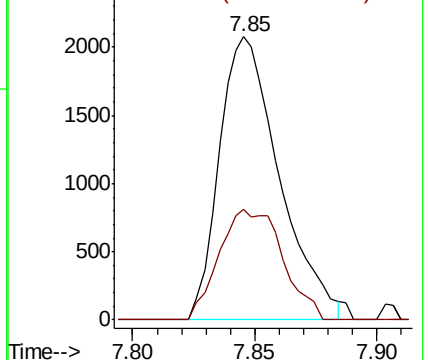
75 100

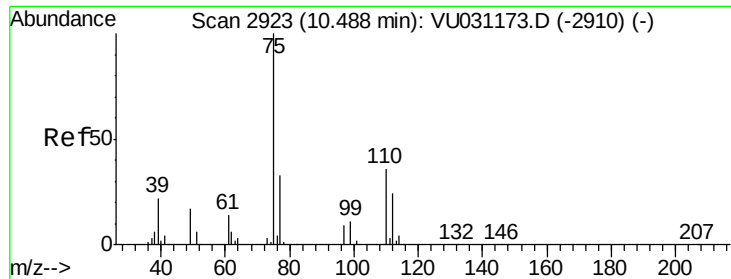
77 39.3 21.6 40.0



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0





#59

1,2,3-Trichloropropane

Concen: 4.031 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU031186.D

Acq: 14 Apr 2019 03:11

Instrument :

MSVOA_U

ClientSampleId :

BFC37DL

Tot Ion: 75 Resp: 20724

Ion Ratio Lower Upper

75 100

77 34.4 26.1 39.1

