

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU042919\
 Data File : VU031582.D
 Acq On : 29 Apr 2019 13:36
 Operator : JC/SP
 Sample : K2536-17 20X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0X05

Quant Time: Apr 30 01:58:22 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	670347	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	654709	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	245108	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	351644	62.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	125.36%
7) Chloroethane-d5	1.68	69	256698	59.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	118.42%
11) 1,1-Dichloroethene-d2	2.27	63	487439	43.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.26%
21) 2-Butanone-d5	4.19	46	547261	107.66	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.66%
24) Chloroform-d	4.64	84	512173	49.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.70%
26) 1,2-Dichloroethane-d4	5.31	65	344843	51.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.74%
32) Benzene-d6	5.34	84	1036758	51.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.14%
36) 1,2-Dichloropropane-d6	6.32	67	358985	50.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.50%
41) Toluene-d8	7.56	98	842709	48.13	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.26%
43) trans-1,3-Dichloropropene-	7.85	79	148188	48.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.62%
47) 2-Hexanone-d5	8.31	63	304811	99.56	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.56%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	450691	47.48	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.96%
64) 1,2-Dichlorobenzene-d4	11.85	152	267076	51.81	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.62%

Target Compounds

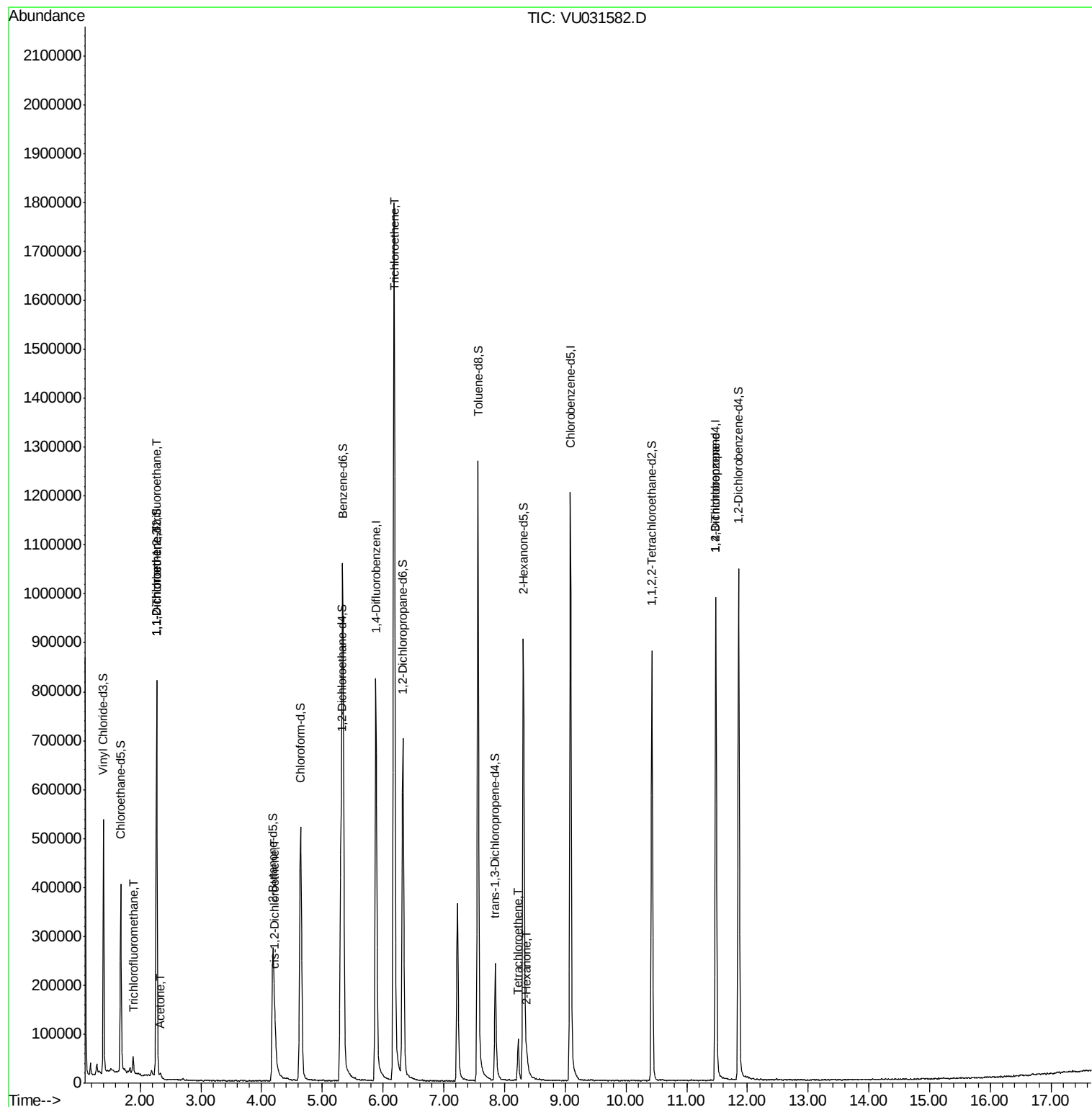
					Qvalue
9) Trichlorofluoromethane	1.88	101	15366	1.617 ug/L	93
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	3597	0.669 ug/L #	22
12) 1,1-Dichloroethene	2.27	96	3862	0.738 ug/L #	1
13) Acetone	2.34	43	4603	0.804 ug/L	60
20) cis-1,2-Dichloroethene	4.23	96	12629	2.160 ug/L	97
34) Trichloroethene	6.18	95	678645	116.308 ug/L	96
46) Tetrachloroethene	8.22	164	17510	4.402 ug/L	96
48) 2-Hexanone	8.37	43	20892	2.457 ug/L #	51
59) 1,2,3-Trichloropropane	11.48	75	34428	4.249 ug/L	96

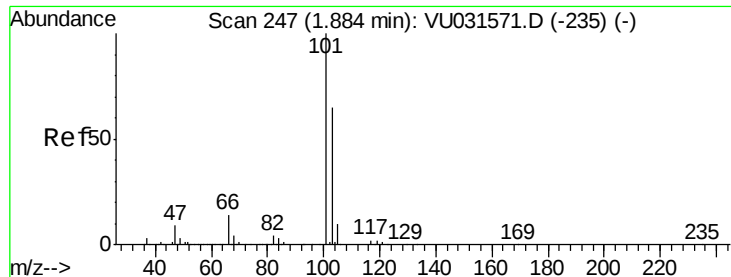
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#9

Trichlorofluoromethane

Concen: 1.617 ug/L

RT: 1.88 min Scan# 247

Delta R.T. 0.00 min

Lab File: VU031582.D

Acq: 29 Apr 2019 13:36

Instrument :

MSVOA_U

ClientSampleId :

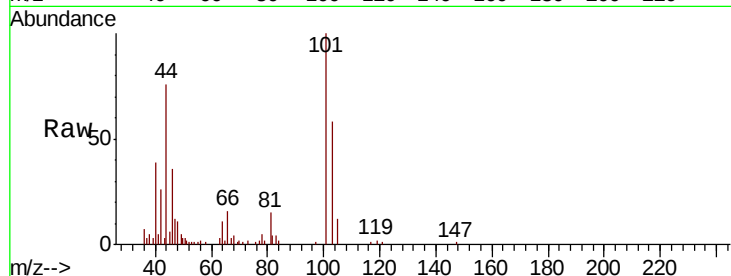
C0X05

Tgt Ion:101 Resp: 15366

Ion Ratio Lower Upper

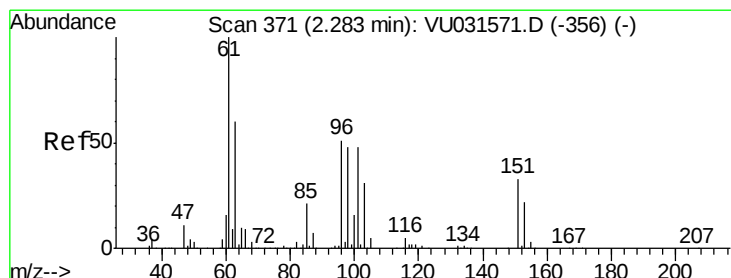
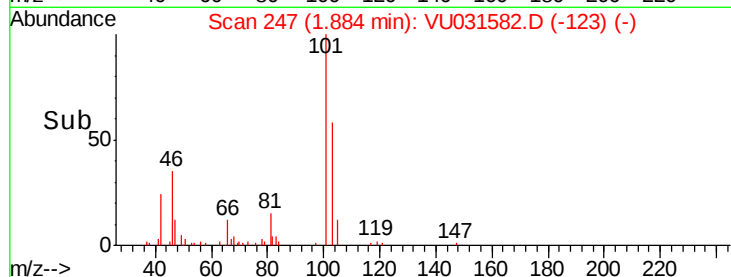
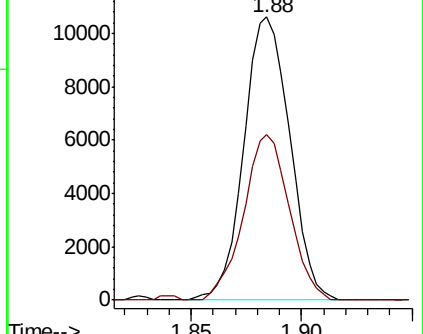
101 100

103 58.1 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: 0.669 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU031582.D

Acq: 29 Apr 2019 13:36

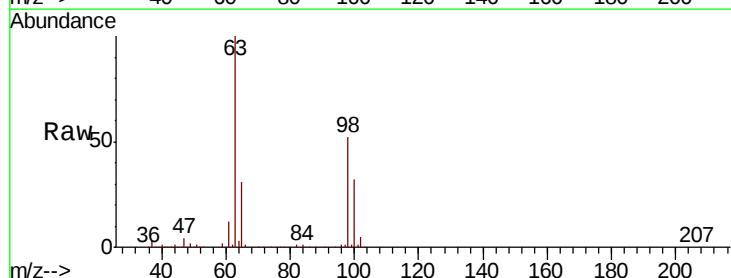
Tgt Ion:101 Resp: 3597

Ion Ratio Lower Upper

101 100

85 2.1 36.1 54.1#

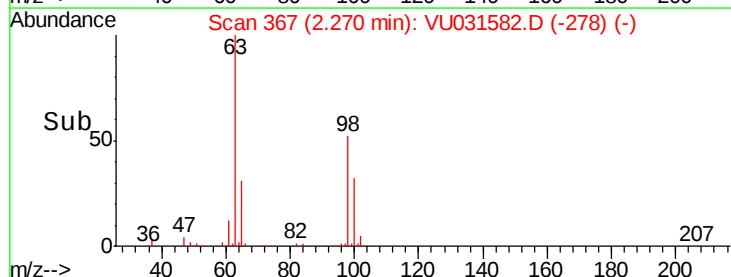
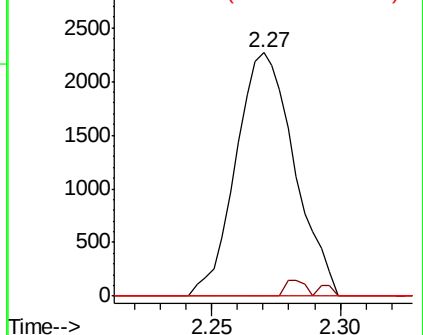
151 0.0 56.1 84.1#

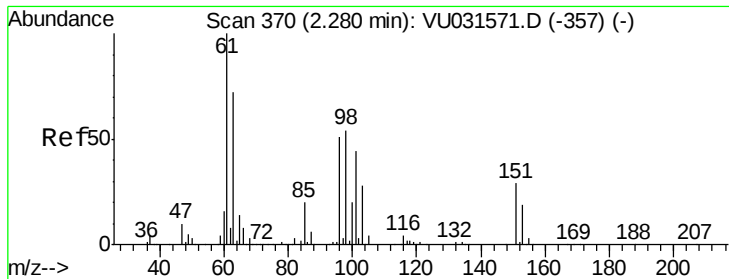


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V





#12

1,1-Dichloroethene

Concen: 0.738 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU031582.D

Acq: 29 Apr 2019 13:36

Instrument :

MSVOA_U

ClientSampled :

C0X05

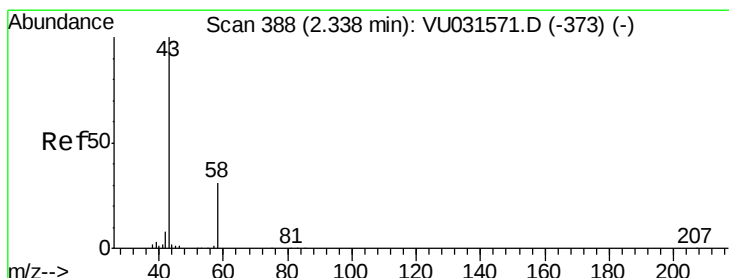
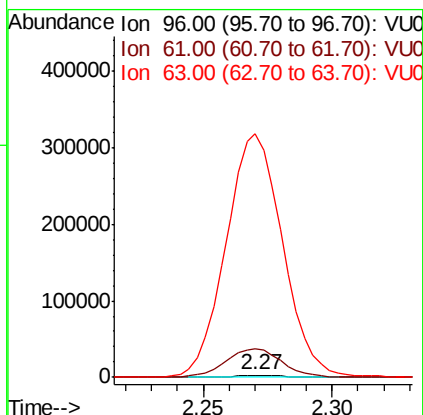
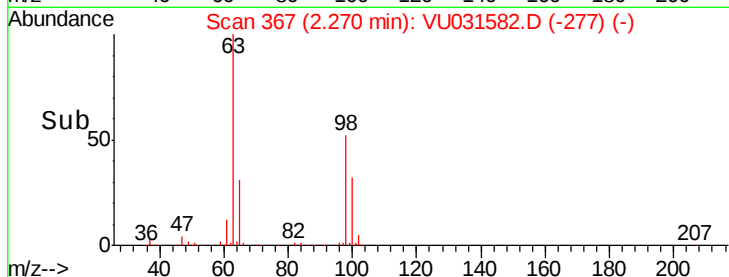
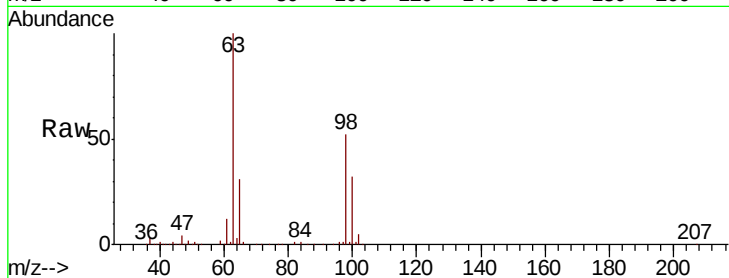
Tgt Ion: 96 Resp: 3862

Ion Ratio Lower Upper

96 100

61 1621.7 135.0 250.6#

63 13700.5 103.5 192.3#



#13

Acetone

Concen: 0.804 ug/L

RT: 2.34 min Scan# 389

Delta R.T. 0.00 min

Lab File: VU031582.D

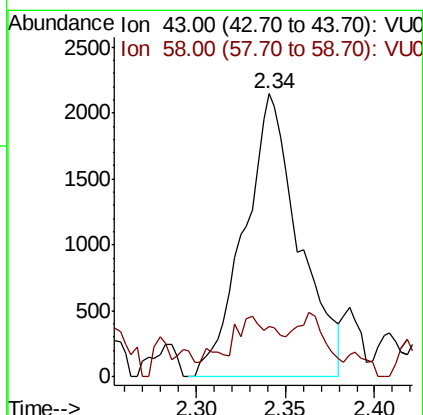
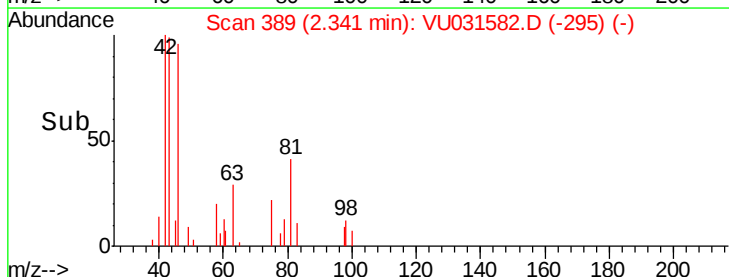
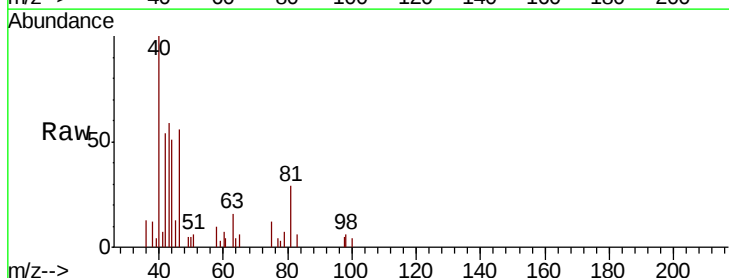
Acq: 29 Apr 2019 13:36

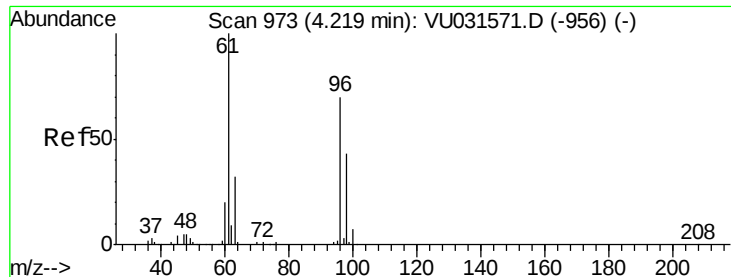
Tgt Ion: 43 Resp: 4603

Ion Ratio Lower Upper

43 100

58 9.9 0.0 64.4

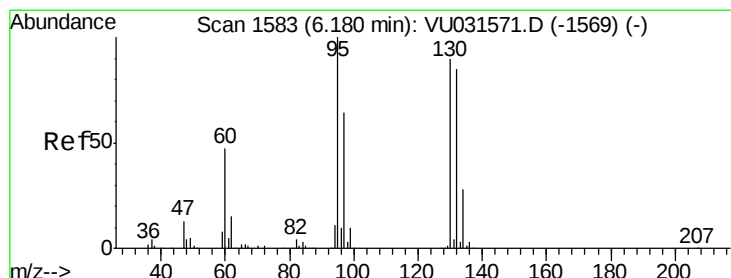
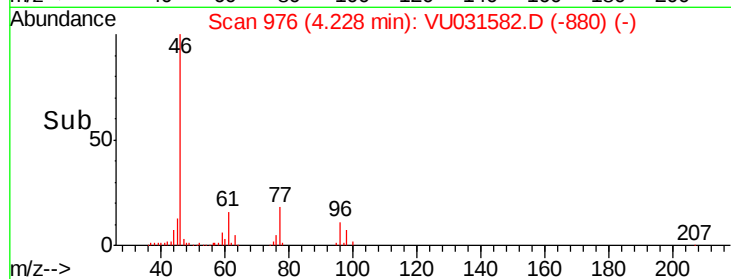
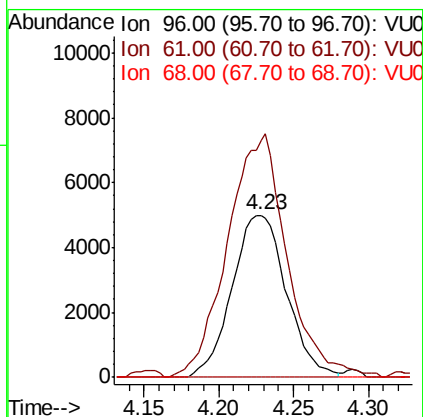
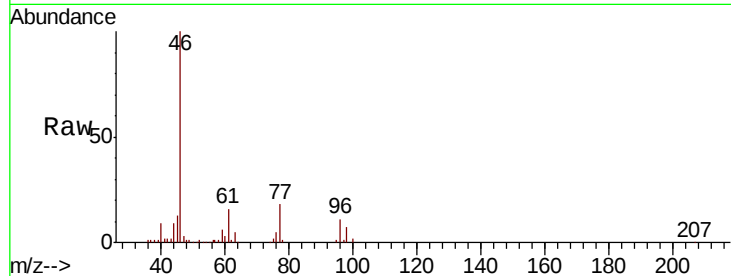




#20
 cis-1,2-Dichloroethene
 Concen: 2.160 ug/L
 RT: 4.23 min Scan# 976
 Delta R.T. 0.01 min
 Lab File: VU031582.D
 Acq: 29 Apr 2019 13:36

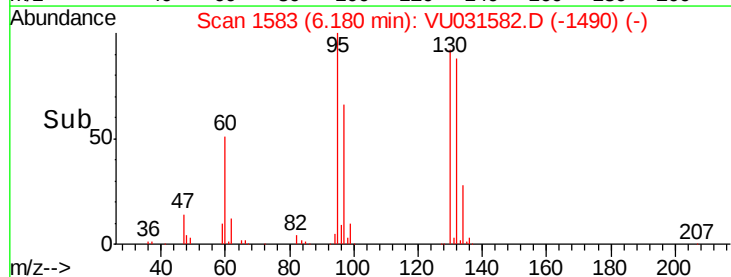
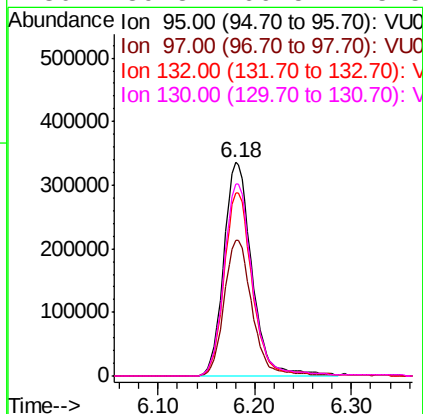
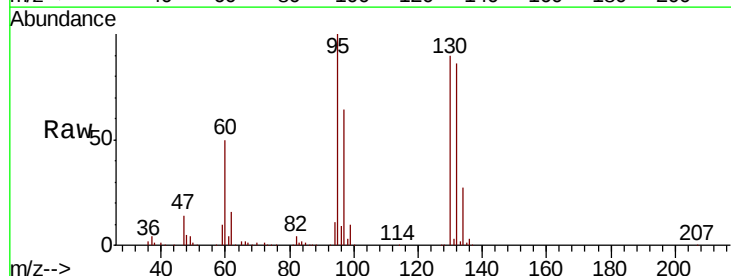
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 MSVOA_U
 ClientSampleId :
 C0X05

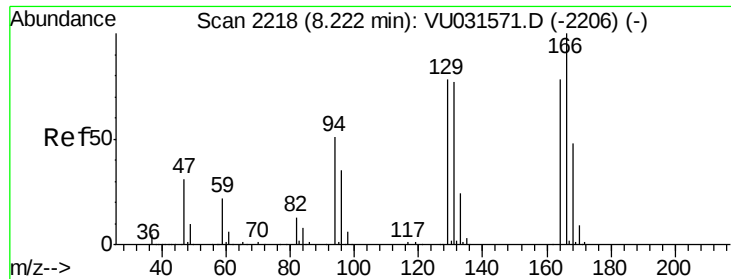
Tgt Ion: 96 Resp: 12629
 Ion Ratio Lower Upper
 96 100
 61 145.9 99.5 184.7
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 116.308 ug/L
 RT: 6.18 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: VU031582.D
 Acq: 29 Apr 2019 13:36

Tgt Ion: 95 Resp: 678645
 Ion Ratio Lower Upper
 95 100
 97 63.6 44.8 83.2
 132 85.8 63.1 117.1
 130 89.8 66.5 123.5

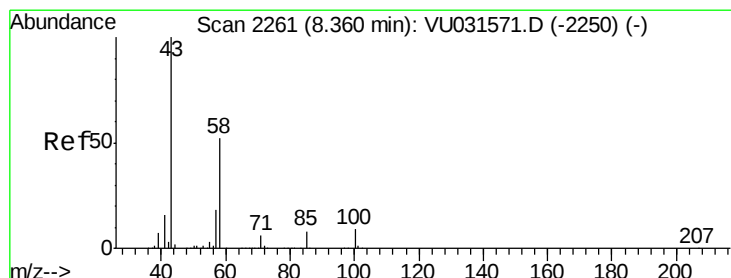
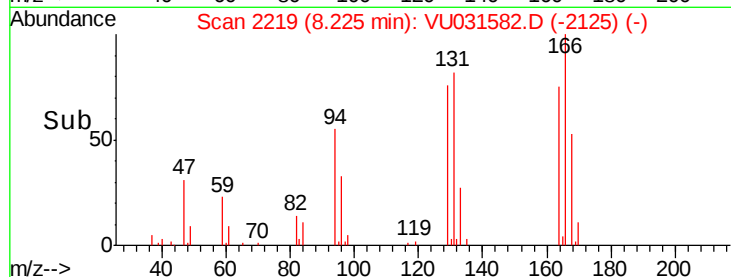
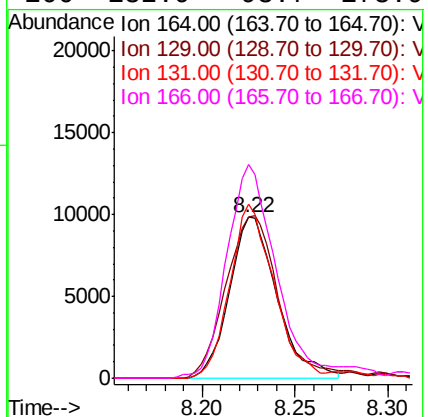
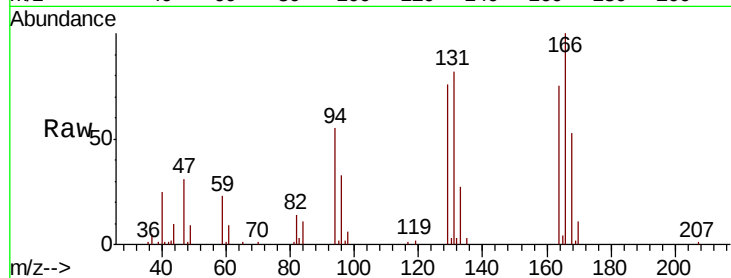




#46
Tetrachloroethene
Concen: 4.402 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. 0.00 min
Lab File: VU031582.D
Acq: 29 Apr 2019 13:36

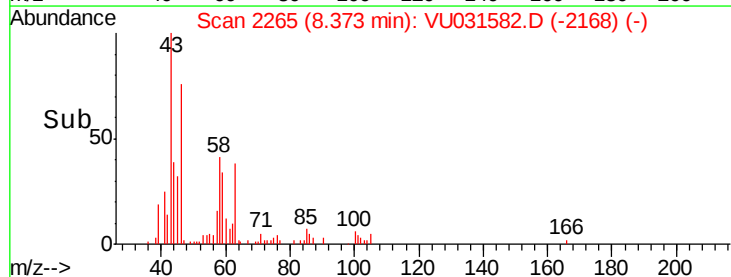
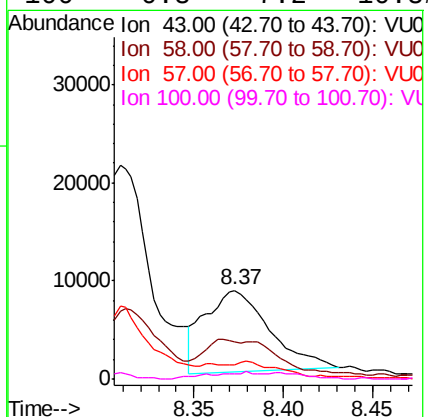
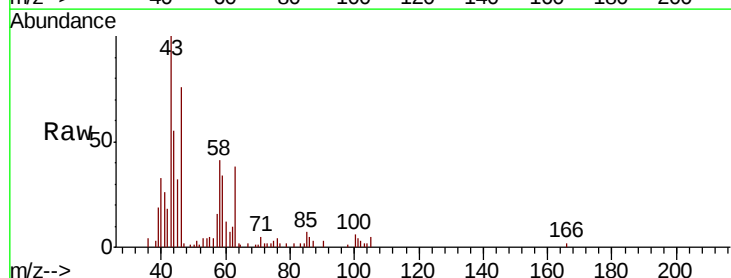
Instrument :
MSVOA_U
ClientSampleId :
C0X05

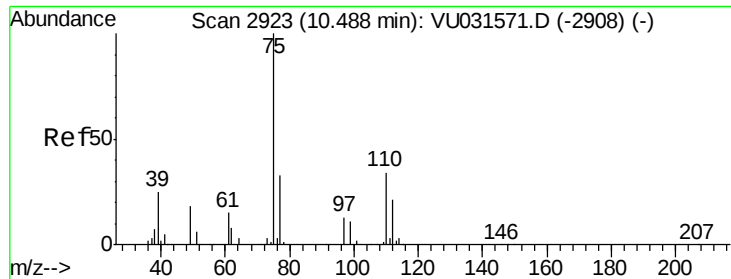
Tgt Ion:	164	Resp:	17510
Ion	Ratio	Lower	Upper
164	100		
129	100.7	71.5	132.9
131	108.7	69.0	128.2
166	132.9	93.7	173.9



#48
2-Hexanone
Concen: 2.457 ug/L
RT: 8.37 min Scan# 2265
Delta R.T. 0.01 min
Lab File: VU031582.D
Acq: 29 Apr 2019 13:36

Tgt Ion:	43	Resp:	20892
Ion	Ratio	Lower	Upper
43	100		
58	13.2	42.1	63.1#
57	0.0	14.6	22.0#
100	0.8	7.2	10.8#





#59

1,2,3-Trichloropropane

Concen: 4.249 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU031582.D

Acq: 29 Apr 2019 13:36

Instrument :

MSVOA_U

ClientSampleId :

C0X05

Tgt Ion: 75 Resp: 34428

Ion Ratio Lower Upper

75 100

77 34.4 25.9 38.9

