

Data File : VU031386.D
Acq On : 22 Apr 2019 12:05
Operator : JC/SP
Sample : K2428-13
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0X13

Quant Time: Apr 23 01:02:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 23 00:59:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	536413	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	458628	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	218835	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	184092	37.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.54%
7) Chloroethane-d5	1.68	69	156771	36.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	73.10%
11) 1,1-Dichloroethene-d2	2.27	63	269825	27.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	55.14%#
21) 2-Butanone-d5	4.19	46	295031	82.00	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	82.00%
24) Chloroform-d	4.64	84	267050	32.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	64.80%#
26) 1,2-Dichloroethane-d4	5.31	65	171149	33.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	67.44%#
32) Benzene-d6	5.34	84	560710	38.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.34%
36) 1,2-Dichloropropane-d6	6.33	67	183473	38.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	77.98%
41) Toluene-d8	7.56	98	535168	41.95	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.90%
43) trans-1,3-Dichloropropene-	7.85	79	88671	39.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.84%
47) 2-Hexanone-d5	8.31	63	232307	104.58	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.58%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	281066	43.02	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.04%
64) 1,2-Dichlorobenzene-d4	11.86	152	190139	37.89	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	75.78%#

Target Compounds

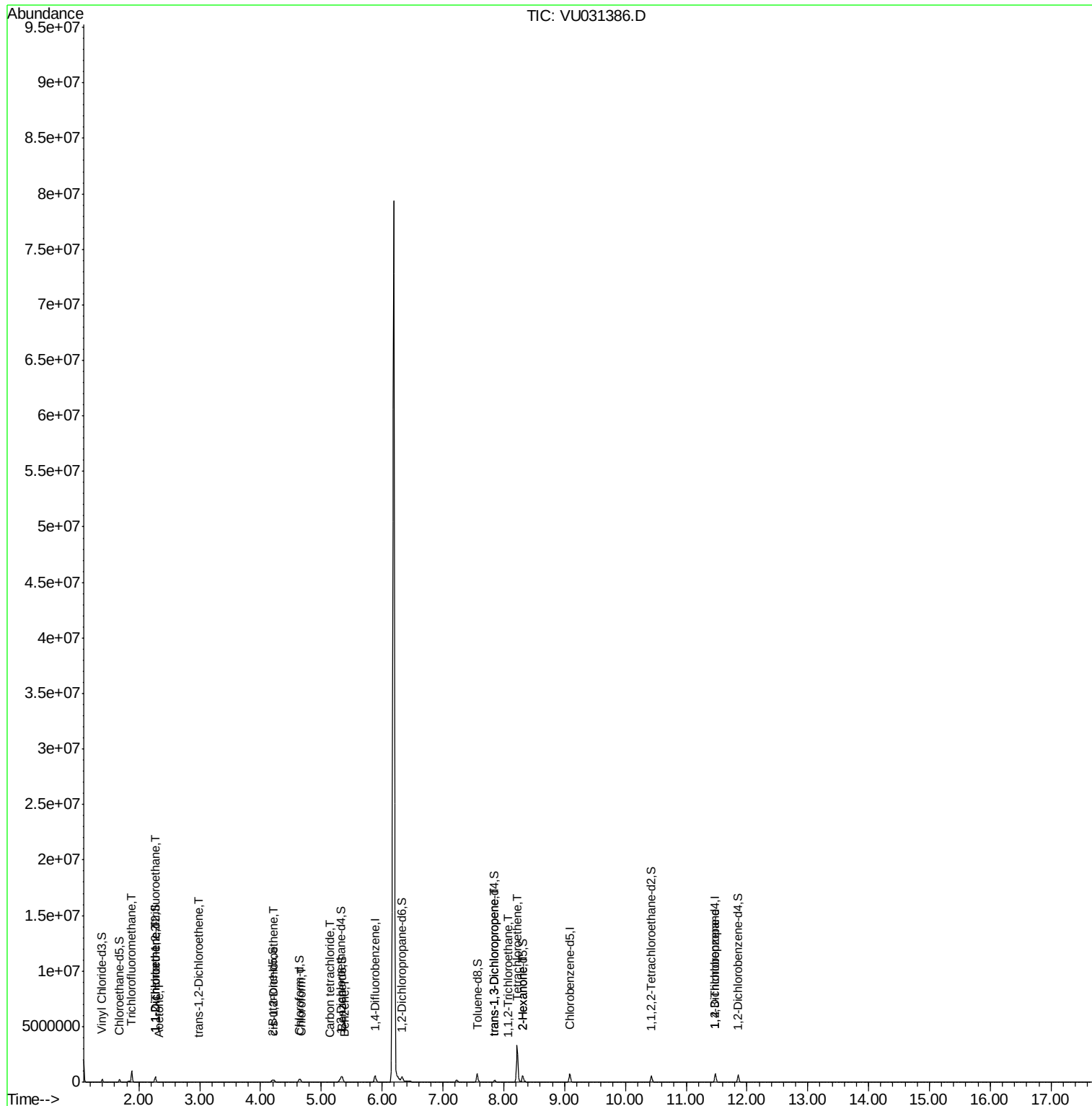
					Qvalue
9) Trichlorofluoromethane	1.88	101	625986	76.604 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	3085	0.722 ug/L #	19
12) 1,1-Dichloroethene	2.27	96	3687	0.879 ug/L #	1
13) Acetone	2.35	43	6128	2.213 ug/L	87
17) trans-1,2-Dichloroethene	2.98	96	3770	0.987 ug/L	84
20) cis-1,2-Dichloroethene	4.23	96	43481	9.781 ug/L	83
25) Chloroform	4.67	83	12467	1.601 ug/L	95
31) Carbon tetrachloride	5.13	117	10617	2.022 ug/L	94
33) Benzene	5.39	78	10038	0.651 ug/L	100
44) trans-1,3-Dichloropropene	7.85	75	3654	0.687 ug/L	95
45) 1,1,2-Trichloroethane	8.07	97	6401	1.741 ug/L #	87
46) Tetrachloroethene	8.22	164	815073	280.770 ug/L	98
48) 2-Hexanone	8.31	43	25200	5.497 ug/L #	67
59) 1,2,3-Trichloropropane	11.48	75	25096	5.165 ug/L	95

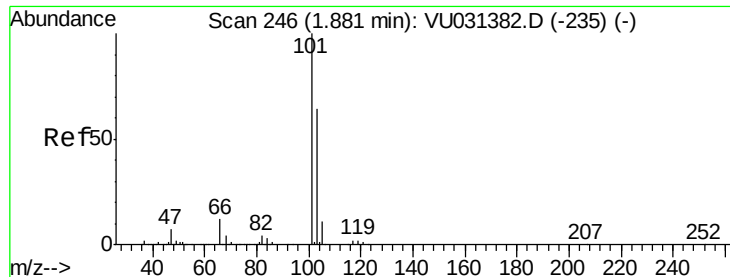
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU031386.D
Acq On : 22 Apr 2019 12:05
Operator : JC/SP
Sample : K2428-13
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0X13

Quant Time: Apr 23 01:02:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 23 00:59:20 2019
Response via : Initial Calibration



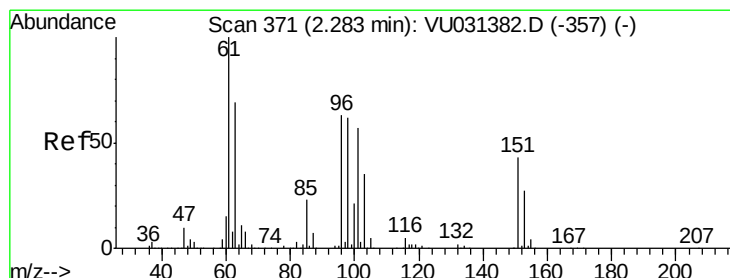
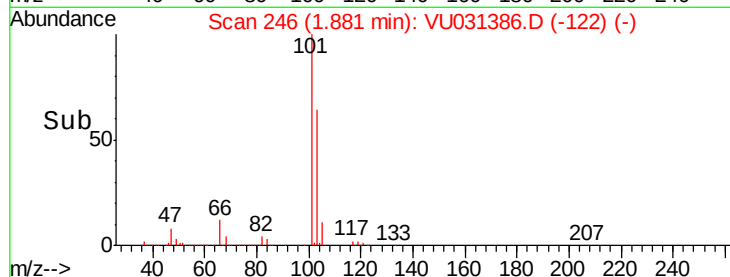
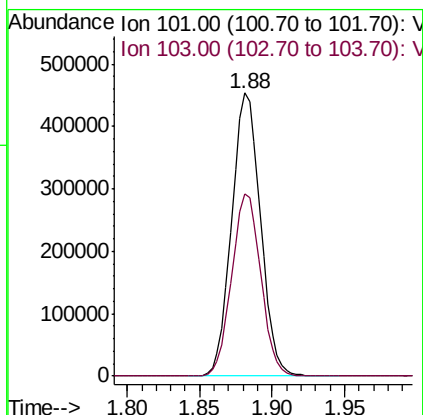
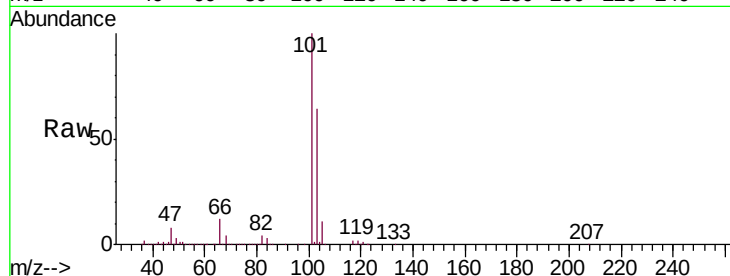


#9

Trichlorofluoromethane
 Concen: 76.604 ug/L
 RT: 1.88 min Scan# 246
 Delta R.T. 0.00 min
 Lab File: VU031386.D
 Acq: 22 Apr 2019 12:05

Instrument :
 MSVOA_U
 ClientSampled :
 C0X13

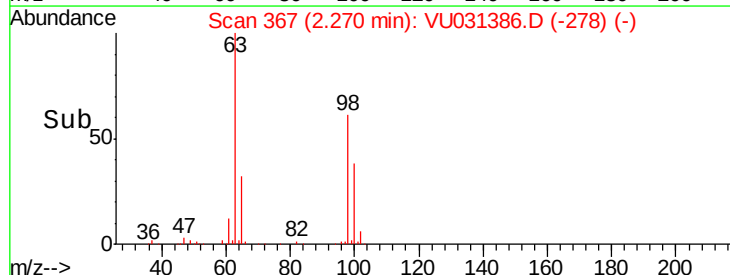
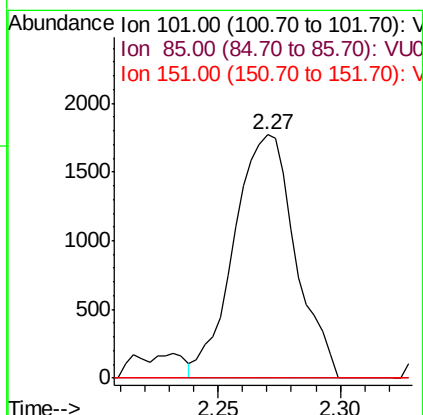
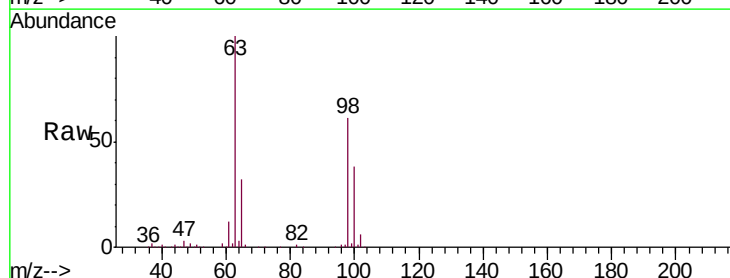
Tgt Ion:101 Resp: 625986
 Ion Ratio Lower Upper
 101 100
 103 65.0 53.0 79.6

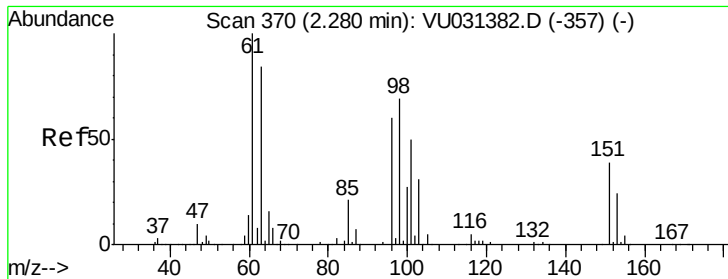


#10

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.722 ug/L
 RT: 2.27 min Scan# 367
 Delta R.T. -0.01 min
 Lab File: VU031386.D
 Acq: 22 Apr 2019 12:05

Tgt Ion:101 Resp: 3085
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.4 53.0#
 151 0.0 59.8 89.8#

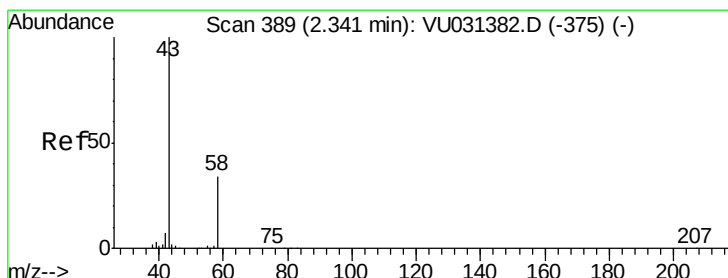
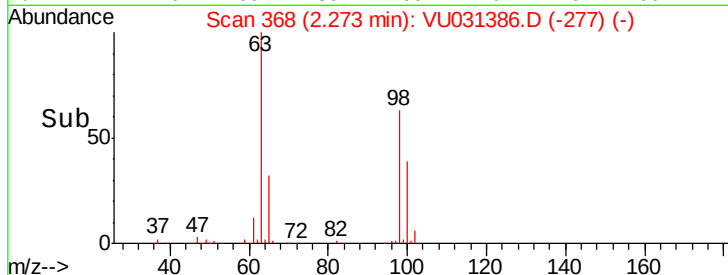
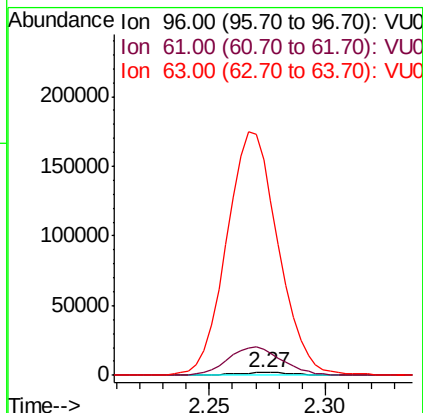
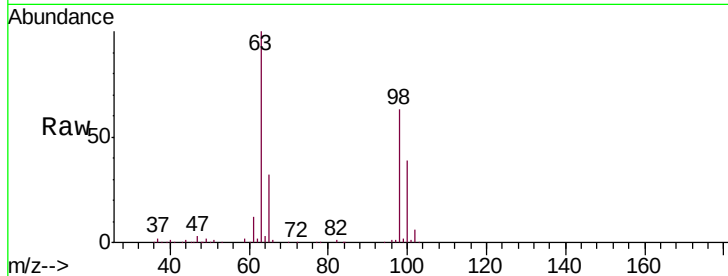




#12
 1,1-Dichloroethene
 Concen: 0.879 ug/L
 RT: 2.27 min Scan# 368
 Delta R.T. -0.01 min
 Lab File: VU031386.D
 Acq: 22 Apr 2019 12:05

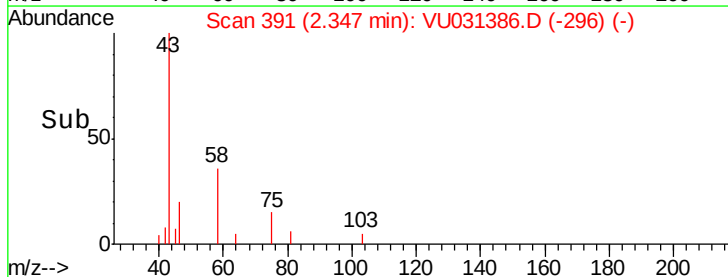
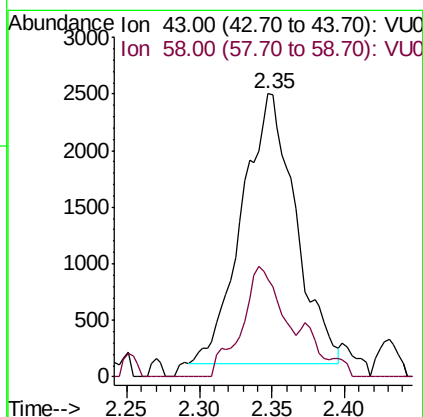
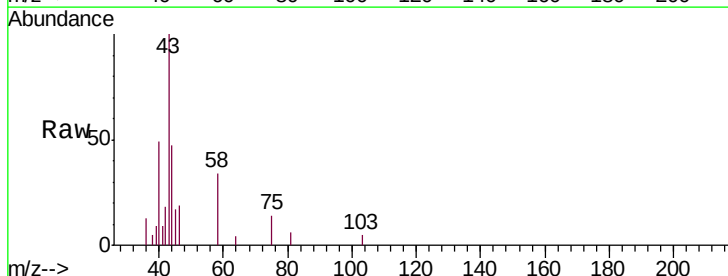
Instrument :
 MSVOA_U
 ClientSampleId :
 C0X13

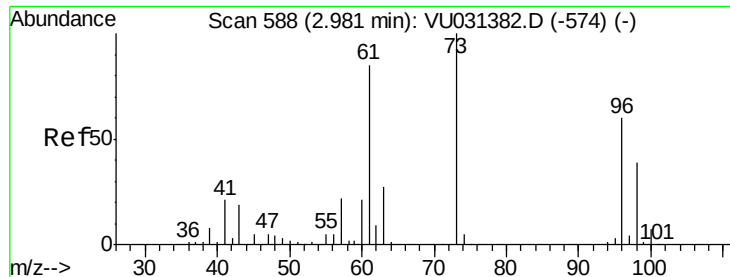
Tgt Ion: 96 Resp: 3687
 Ion Ratio Lower Upper
 96 100
 61 1000.4 130.4 242.2#
 63 8352.5 108.9 202.3#



#13
 Acetone
 Concen: 2.213 ug/L
 RT: 2.35 min Scan# 391
 Delta R.T. 0.01 min
 Lab File: VU031386.D
 Acq: 22 Apr 2019 12:05

Tgt Ion: 43 Resp: 6128
 Ion Ratio Lower Upper
 43 100
 58 25.5 0.0 65.0

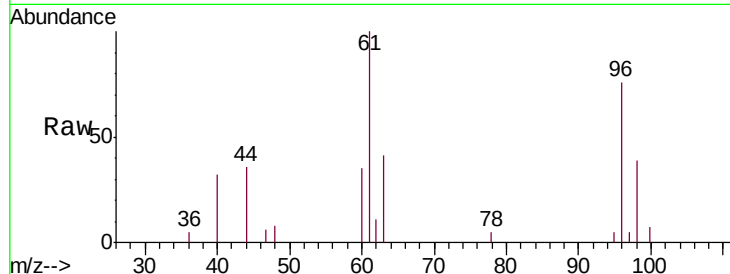




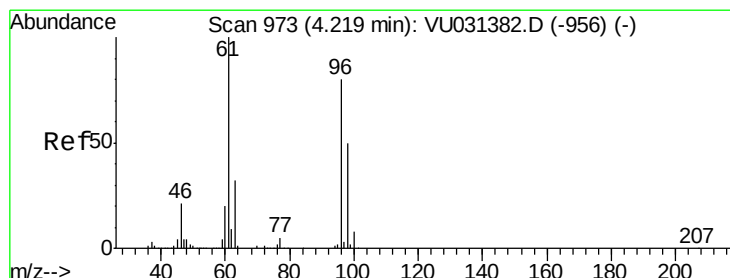
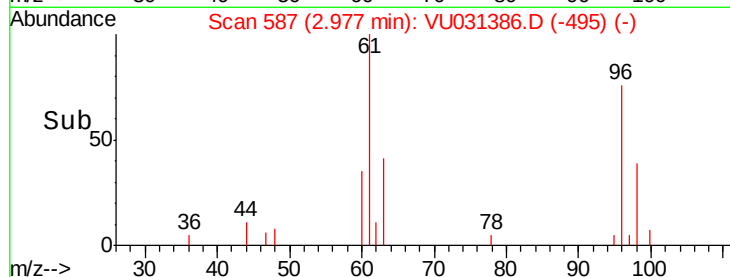
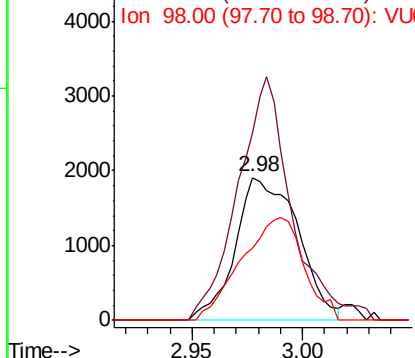
#17
trans-1,2-Dichloroethene
Concen: 0.987 ug/L
RT: 2.98 min Scan# 587
Delta R.T. -0.00 min
Lab File: VU031386.D
Acq: 22 Apr 2019 12:05

Instrument :
MSVOA_U
ClientSampleId :
C0X13

Tgt Ion: 96 Resp: 3770
Ion Ratio Lower Upper
96 100
61 131.2 105.5 195.9
98 50.8 45.4 84.4

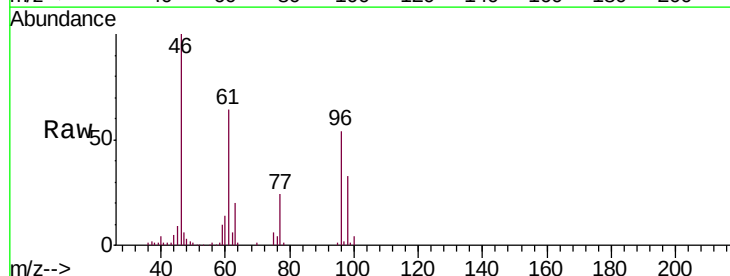


Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

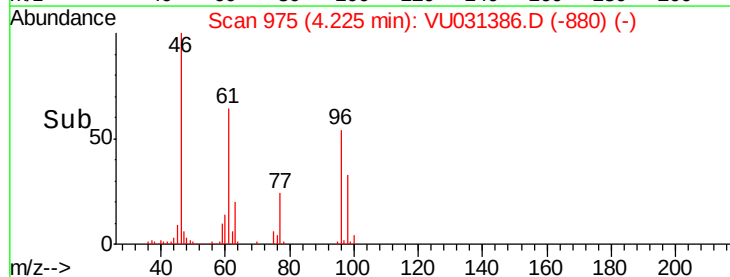
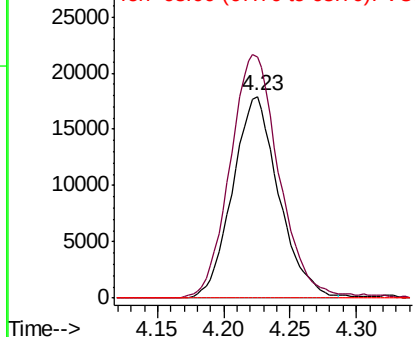


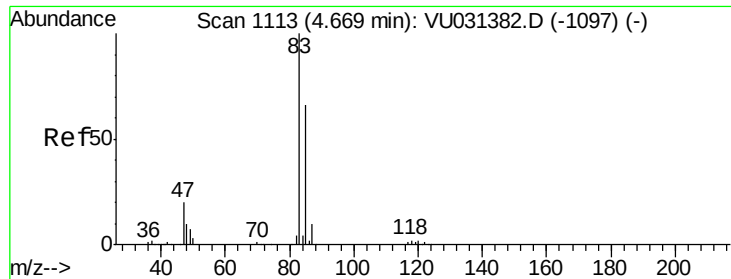
#20
cis-1,2-Dichloroethene
Concen: 9.781 ug/L
RT: 4.23 min Scan# 975
Delta R.T. 0.01 min
Lab File: VU031386.D
Acq: 22 Apr 2019 12:05

Tgt Ion: 96 Resp: 43481
Ion Ratio Lower Upper
96 100
61 119.7 98.2 182.4
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 68.00 (67.70 to 68.70): VU0

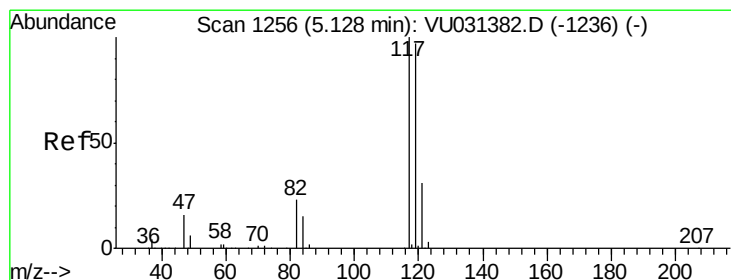
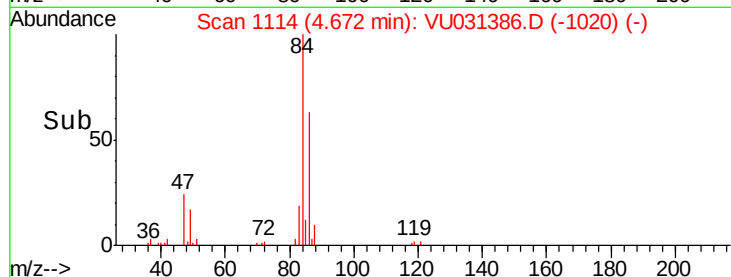
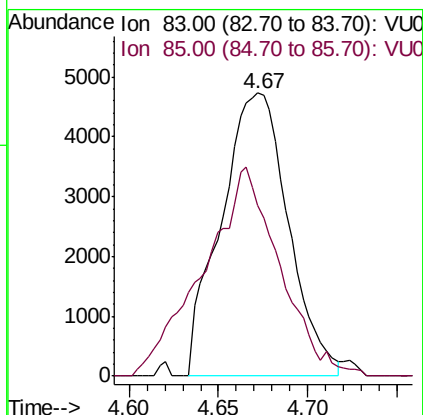
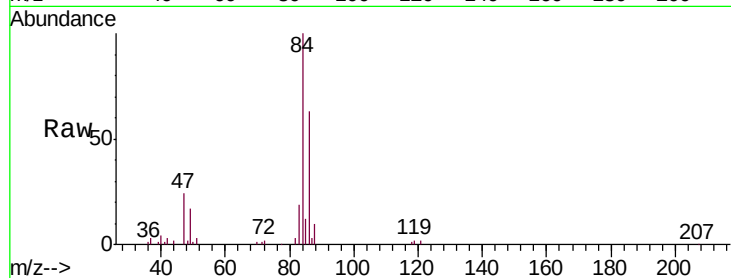




#25
Chloroform
Concen: 1.601 ug/L
RT: 4.67 min Scan# 1114
Delta R.T. 0.00 min
Lab File: VU031386.D
Acq: 22 Apr 2019 12:05

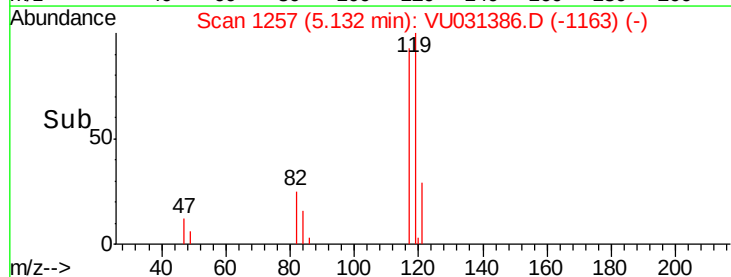
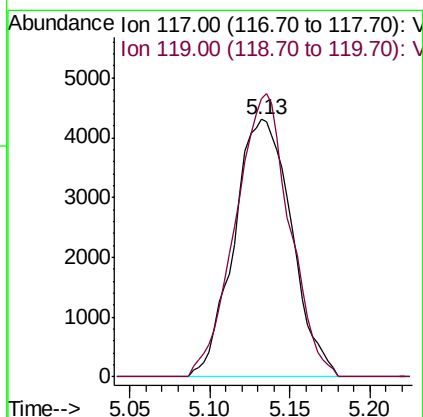
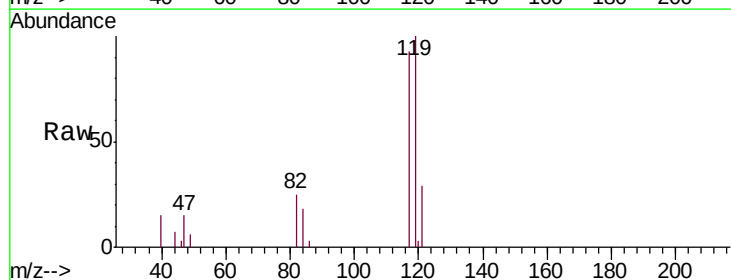
Instrument :
MSVOA_U
ClientSampleId :
C0X13

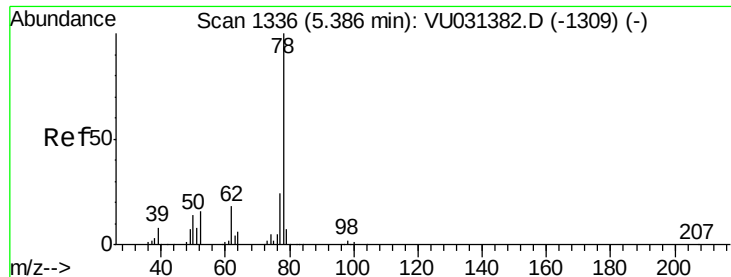
Tgt Ion: 83 Resp: 12467
Ion Ratio Lower Upper
83 100
85 60.4 44.8 83.2



#31
Carbon tetrachloride
Concen: 2.022 ug/L
RT: 5.13 min Scan# 1257
Delta R.T. 0.00 min
Lab File: VU031386.D
Acq: 22 Apr 2019 12:05

Tgt Ion: 117 Resp: 10617
Ion Ratio Lower Upper
117 100
119 103.8 78.0 117.0





#33

Benzene

Concen: 0.651 ug/L

RT: 5.39 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VU031386.D

Acq: 22 Apr 2019 12:05

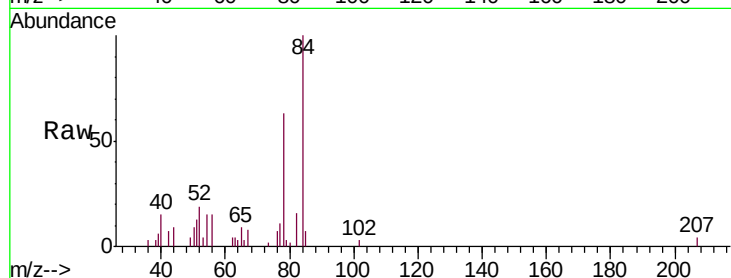
Instrument :

MSVOA_U

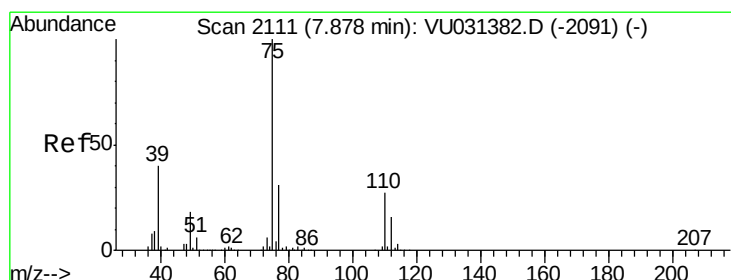
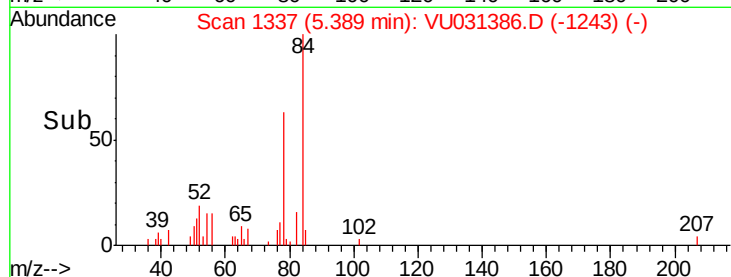
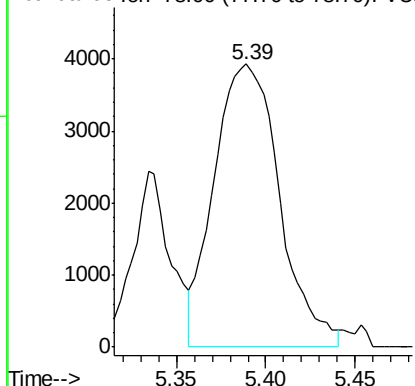
ClientSampleId :

C0X13

Tgt Ion: 78 Resp: 10038



Abundance Ion 78.00 (77.70 to 78.70): VU0



#44

trans-1,3-Dichloropropene

Concen: 0.687 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU031386.D

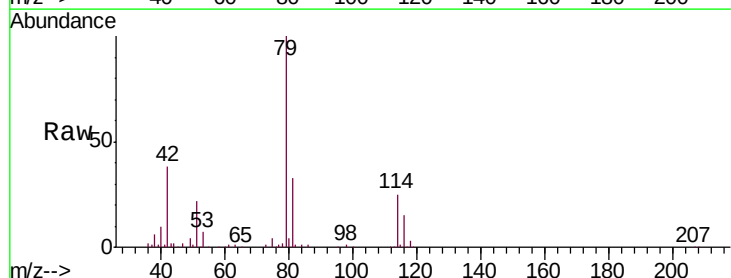
Acq: 22 Apr 2019 12:05

Tgt Ion: 75 Resp: 3654

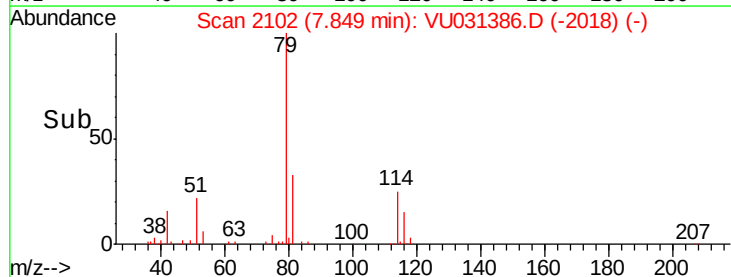
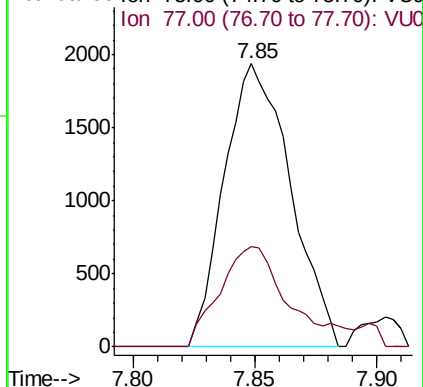
Ion Ratio Lower Upper

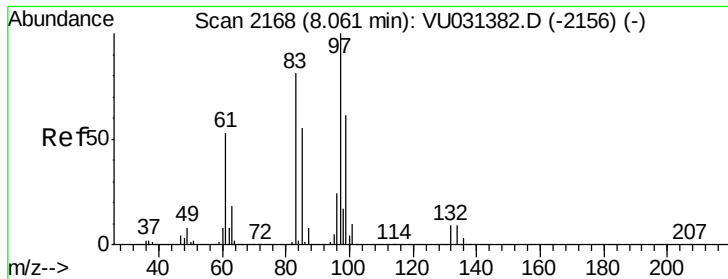
75 100

77 35.3 22.8 42.4



Abundance Ion 75.00 (74.70 to 75.70): VU0

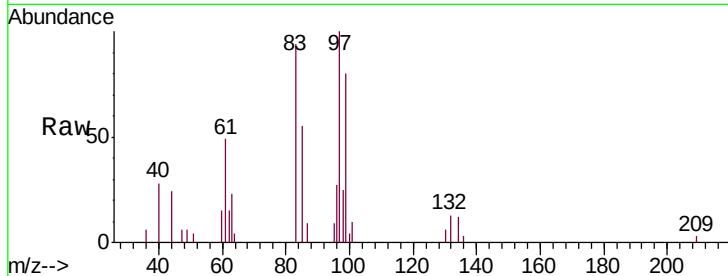




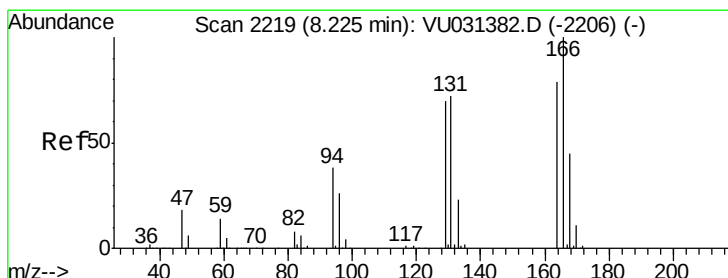
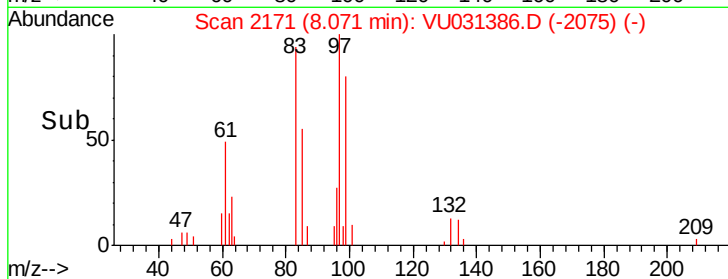
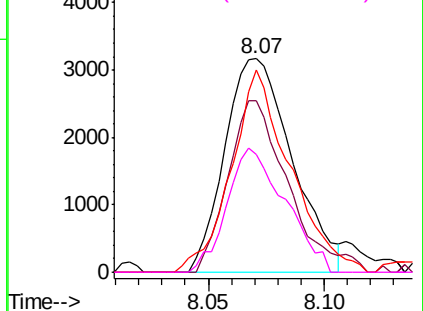
#45
 1,1,2-Trichloroethane
 Concen: 1.741 ug/L
 RT: 8.07 min Scan# 2171
 Delta R.T. 0.01 min
 Lab File: VU031386.D
 Acq: 22 Apr 2019 12:05

Instrument :
 MSVOA_U
 ClientSampleId :
 C0X13

Tgt Ion: 97 Resp: 6401
 Ion Ratio Lower Upper
 97 100
 99 80.3 42.2 78.4#
 83 94.4 59.8 111.1
 85 55.0 39.5 73.4

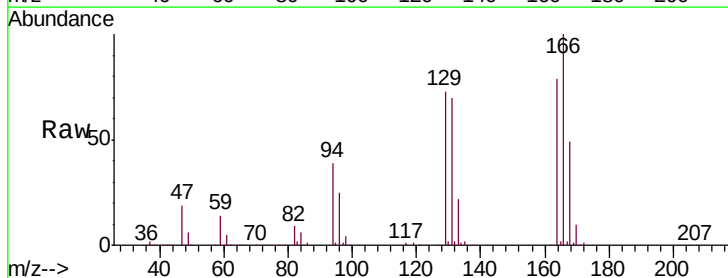


Abundance Ion 97.00 (96.70 to 97.70): VU0
 Ion 99.00 (98.70 to 99.70): VU0
 Ion 83.00 (82.70 to 83.70): VU0
 Ion 85.00 (84.70 to 85.70): VU0

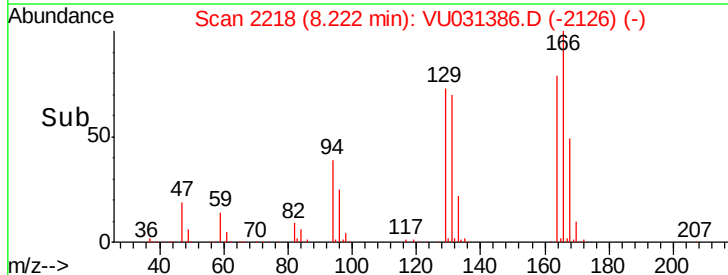
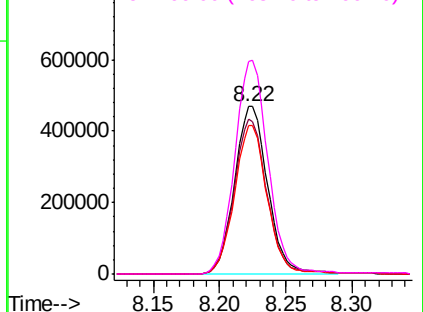


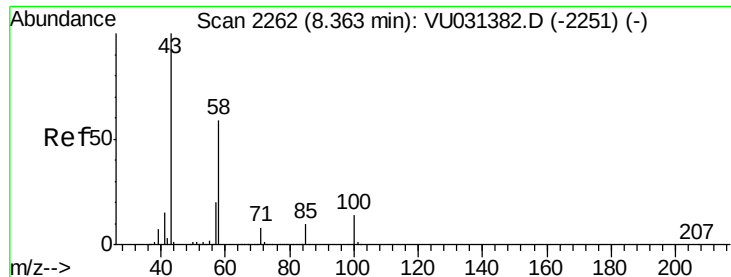
#46
 Tetrachloroethene
 Concen: 280.770 ug/L
 RT: 8.22 min Scan# 2218
 Delta R.T. -0.00 min
 Lab File: VU031386.D
 Acq: 22 Apr 2019 12:05

Tgt Ion: 164 Resp: 815073
 Ion Ratio Lower Upper
 164 100
 129 92.5 66.5 123.5
 131 88.4 62.3 115.7
 166 127.0 90.6 168.3



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

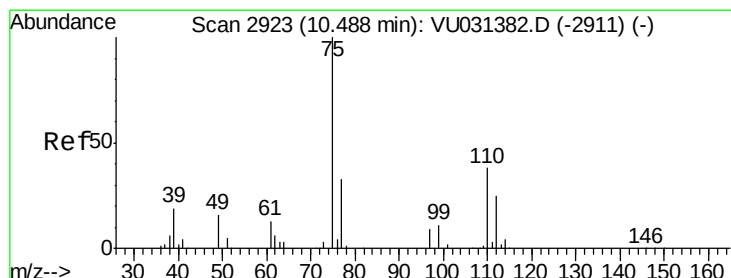
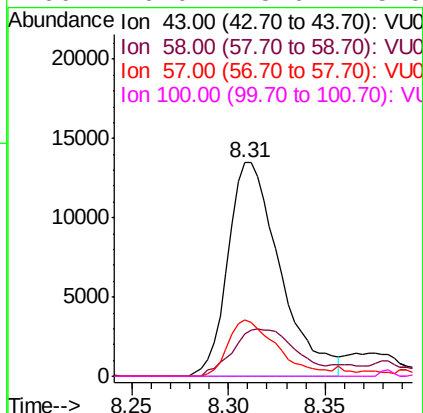
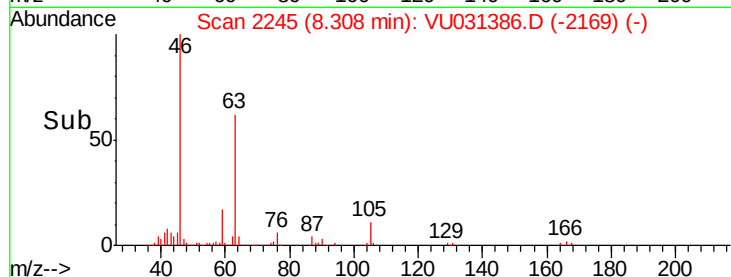
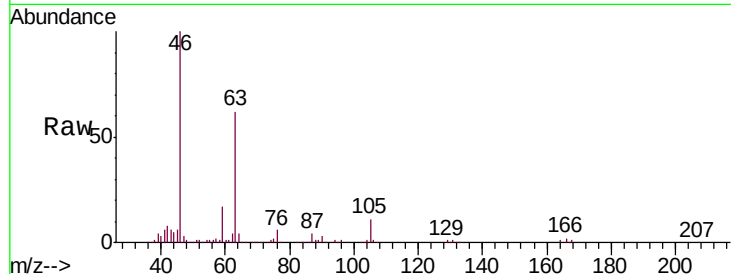




#48
2-Hexanone
Concen: 5.497 ug/L
RT: 8.31 min Scan# 2245
Delta R.T. -0.05 min
Lab File: VU031386.D
Acq: 22 Apr 2019 12:05

Instrument :
MSVOA_U
ClientSampleId :
C0X13

Tgt Ion: 43 Resp: 25200
Ion Ratio Lower Upper
43 100
58 26.6 44.9 67.3#
57 24.7 15.1 22.7#
100 0.0 8.6 13.0#



#59
1,2,3-Trichloropropane
Concen: 5.165 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU031386.D
Acq: 22 Apr 2019 12:05

Tgt Ion: 75 Resp: 25096
Ion Ratio Lower Upper
75 100
77 34.4 25.4 38.2

