

Data File : VU033240.D
Acq On : 12 Jul 2019 22:22
Operator : JC/SP
Sample : K3785-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0XL3

Quant Time: Jul 13 00:14:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071219WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jul 13 00:05:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	305307	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	296461	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	134124	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	120445	52.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	104.22%
7) Chloroethane-d5	1.67	69	102965	52.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	104.30%
11) 1,1-Dichloroethene-d2	2.26	63	157024	37.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.92%
21) 2-Butanone-d5	4.15	46	157902	107.83	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.83%
24) Chloroform-d	4.62	84	193185	49.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.76%
26) 1,2-Dichloroethane-d4	5.29	65	131903	53.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.20%
32) Benzene-d6	5.32	84	403656	55.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.00%
36) 1,2-Dichloropropane-d6	6.31	67	129793	55.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	111.42%
41) Toluene-d8	7.55	98	359779	52.46	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.92%
43) trans-1,3-Dichloropropene-	7.83	79	59157	51.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.56%
47) 2-Hexanone-d5	8.29	63	120357	114.60	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	114.60%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	189829	53.84	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	107.68%
64) 1,2-Dichlorobenzene-d4	11.85	152	134868	56.39	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	112.78%

Target Compounds

					Qvalue
9) Trichlorofluoromethane	1.87	101	28844	6.367 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	1338	0.642 ug/L #	21
12) 1,1-Dichloroethene	2.26	96	1132	0.555 ug/L #	1
13) Acetone	2.31	43	1045	0.571 ug/L	62
25) Chloroform	4.65	83	6669	1.549 ug/L	90
34) Trichloroethene	6.16	95	45490	20.119 ug/L	96
37) 1,2-Dichloropropane	6.31	63	14081	6.006 ug/L #	89
39) cis-1,3-Dichloropropene	7.21	75	3641	1.013 ug/L #	67
44) trans-1,3-Dichloropropene	7.83	75	2531	0.781 ug/L #	63
46) Tetrachloroethene	8.21	164	59245	33.847 ug/L	99
59) 1,2,3-Trichloropropane	11.47	75	16125	5.283 ug/L #	88

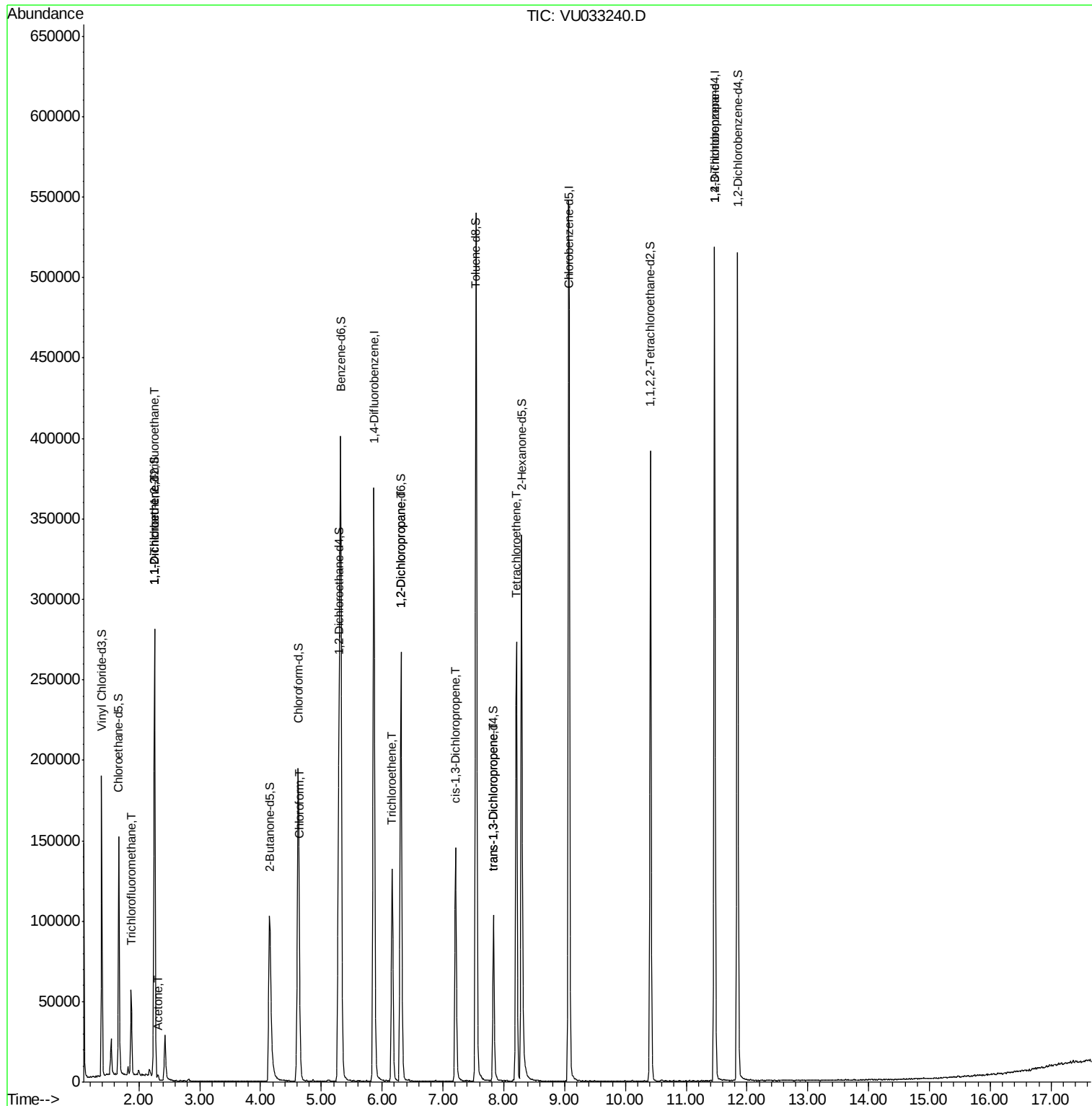
(#) = qualifier out of range (m) = manual integration (+) = signals summed

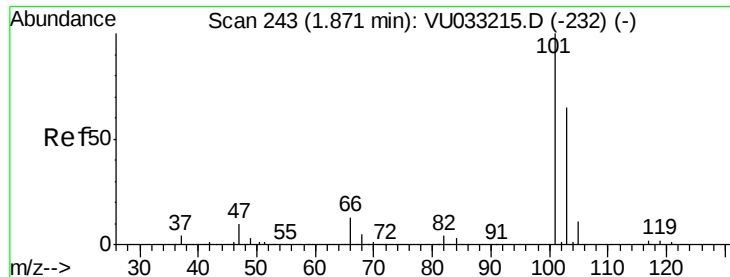
Data File : VU033240.D

```
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Quant Time: Jul 13 00:14:39 2019
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Quant Title : VOC Analysis
QLast Update : Sat Jul 13 00:05:57 2019
Response via : Initial Calibration





#9

Trichlorofluoromethane

Concen: 6.367 ug/L

RT: 1.87 min Scan# 244

Delta R.T. 0.00 min

Lab File: VU033240.D

Acq: 12 Jul 2019 22:22

Instrument :

MSVOA_U

ClientSampleId :

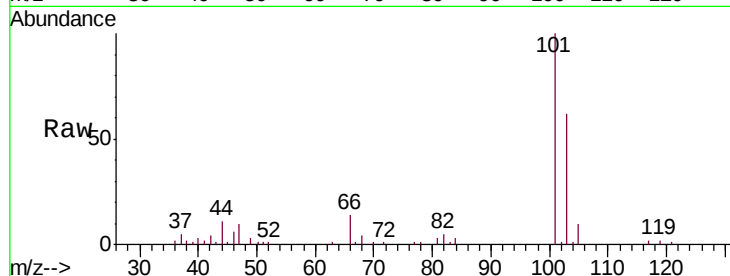
C0XL3

Tgt Ion:101 Resp: 28844

Ion Ratio Lower Upper

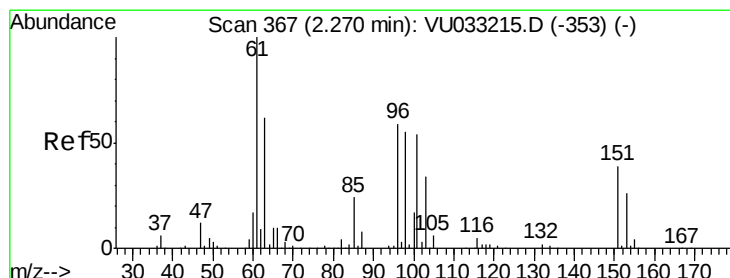
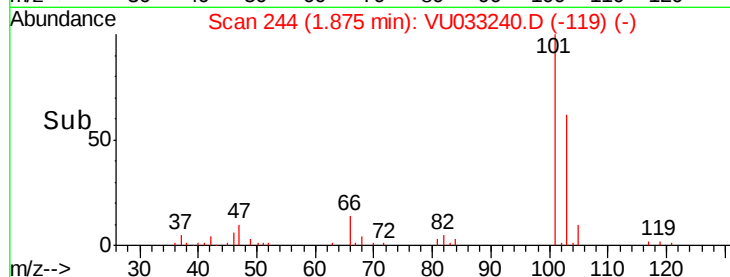
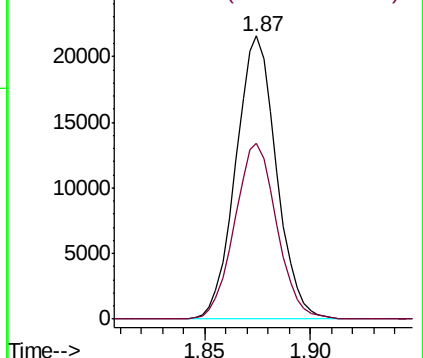
101 100

103 64.4 52.2 78.4



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: 0.642 ug/L

RT: 2.26 min Scan# 363

Delta R.T. -0.01 min

Lab File: VU033240.D

Acq: 12 Jul 2019 22:22

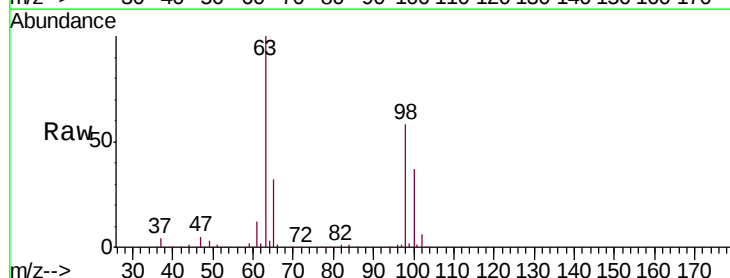
Tgt Ion:101 Resp: 1338

Ion Ratio Lower Upper

101 100

85 0.0 35.8 53.8#

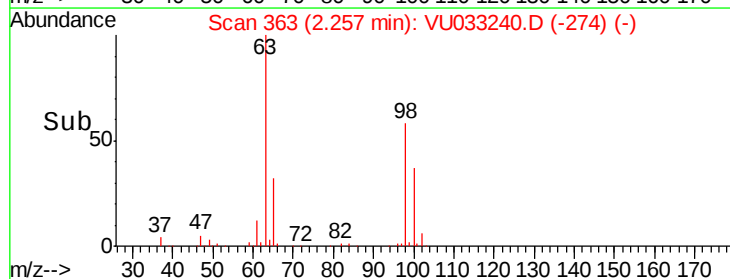
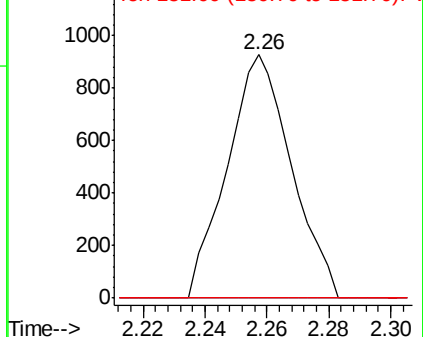
151 0.0 56.7 85.1#

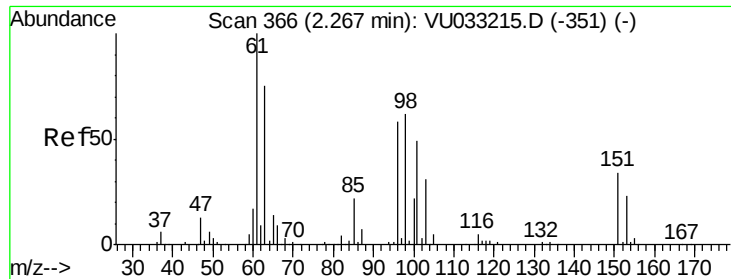


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V

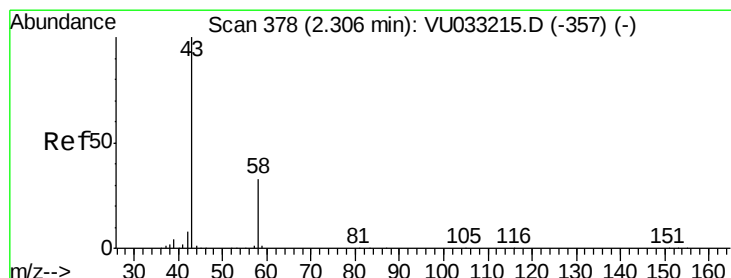
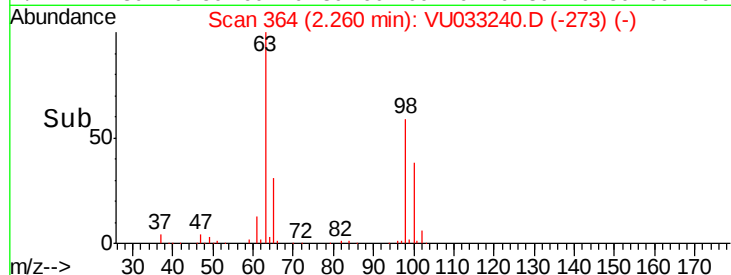
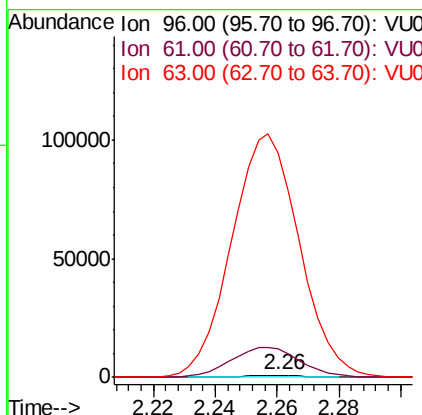
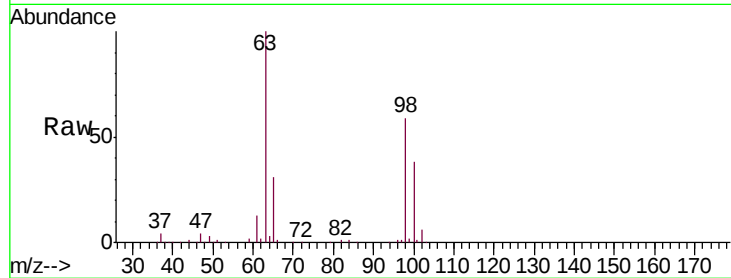




#12
 1,1-Dichloroethene
 Concen: 0.555 ug/L
 RT: 2.26 min Scan# 364
 Delta R.T. -0.01 min
 Lab File: VU033240.D
 Acq: 12 Jul 2019 22:22

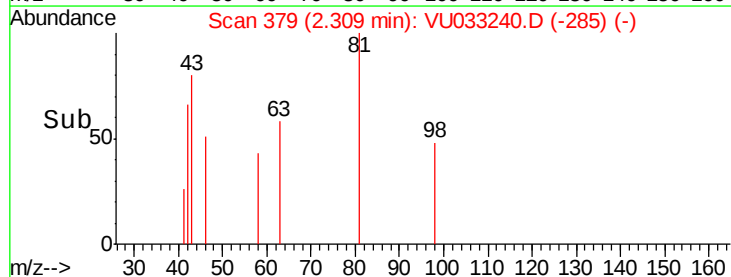
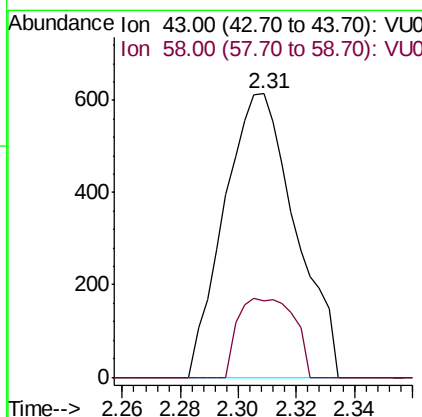
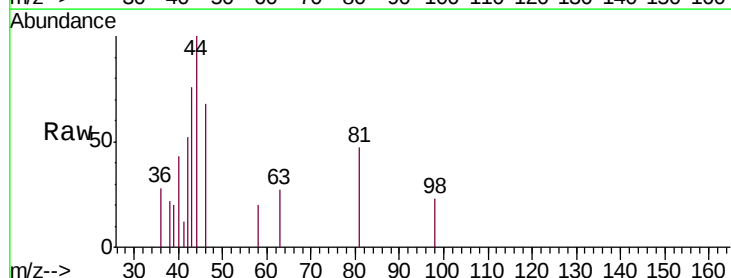
Instrument :
 MSVOA_U
 ClientSampled :
 C0XL3

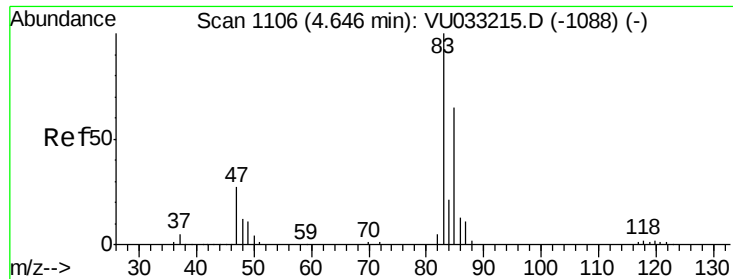
Tgt Ion: 96 Resp: 1132
 Ion Ratio Lower Upper
 96 100
 61 1685.6 126.1 234.1#
 63 13310.4 96.8 179.8#



#13
 Acetone
 Concen: 0.571 ug/L
 RT: 2.31 min Scan# 379
 Delta R.T. 0.00 min
 Lab File: VU033240.D
 Acq: 12 Jul 2019 22:22

Tgt Ion: 43 Resp: 1045
 Ion Ratio Lower Upper
 43 100
 58 11.3 0.0 65.4

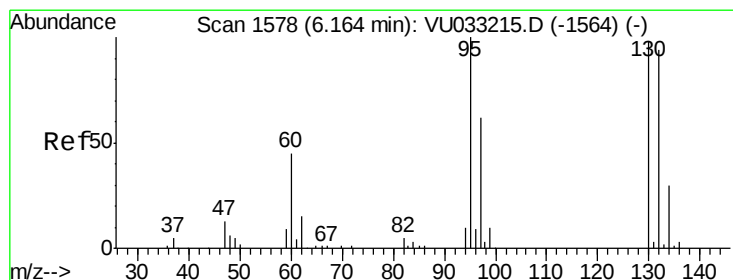
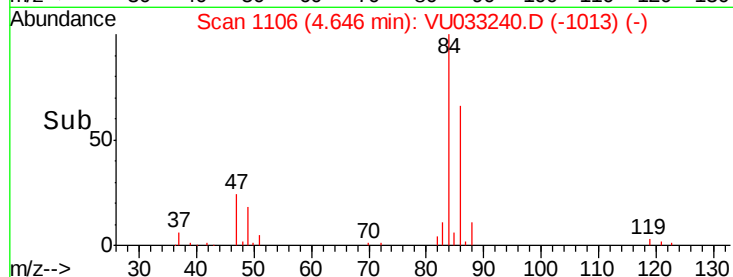
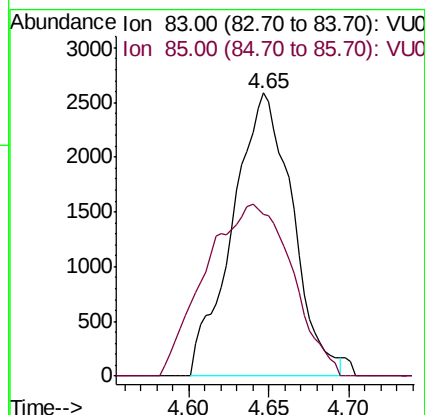
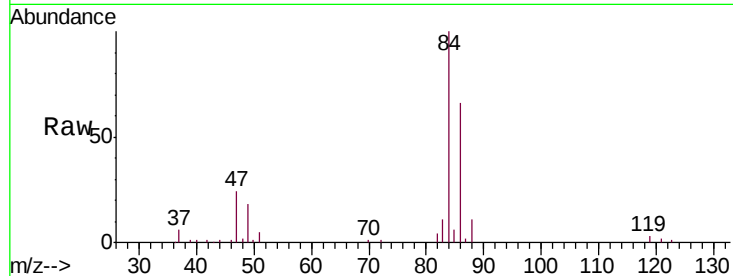




#25
Chloroform
Concen: 1.549 ug/L
RT: 4.65 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VU033240.D
Acq: 12 Jul 2019 22:22

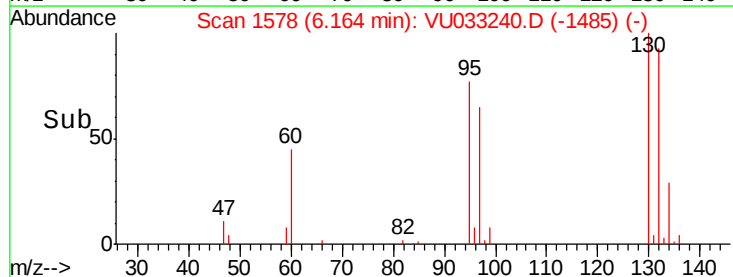
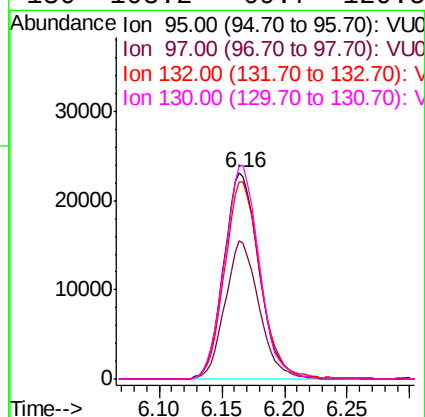
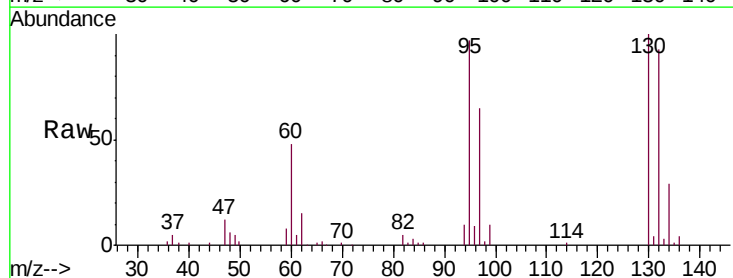
Instrument :
MSVOA_U
ClientSampleId :
C0XL3

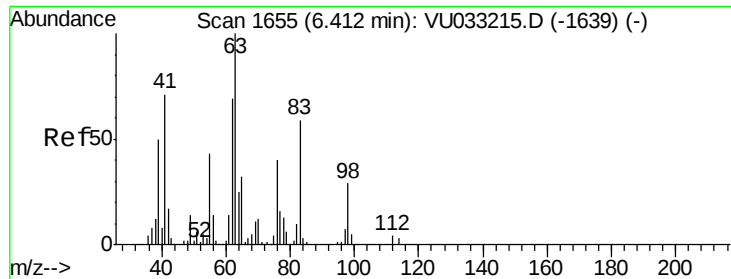
Tgt Ion: 83 Resp: 6669
Ion Ratio Lower Upper
83 100
85 57.3 45.4 84.4



#34
Trichloroethene
Concen: 20.119 ug/L
RT: 6.16 min Scan# 1578
Delta R.T. -0.00 min
Lab File: VU033240.D
Acq: 12 Jul 2019 22:22

Tgt Ion: 95 Resp: 45490
Ion Ratio Lower Upper
95 100
97 66.7 43.8 81.4
132 95.5 65.5 121.6
130 103.2 69.7 129.5

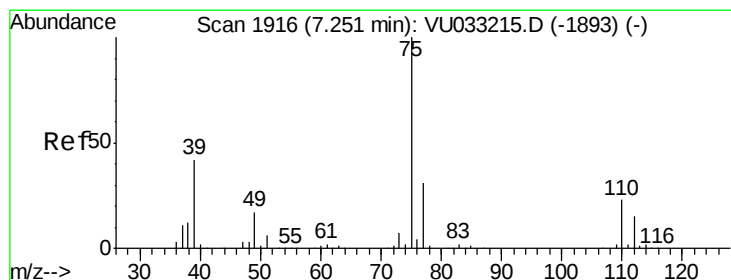
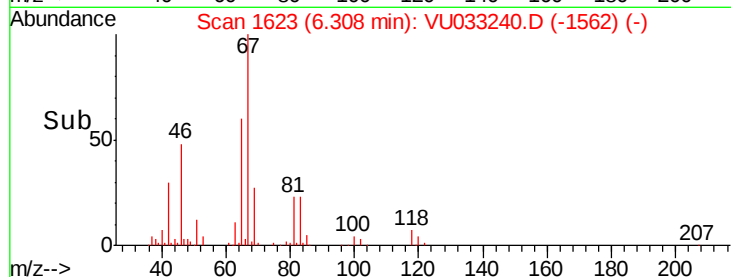
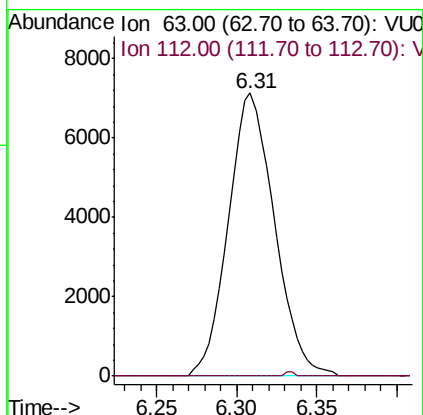
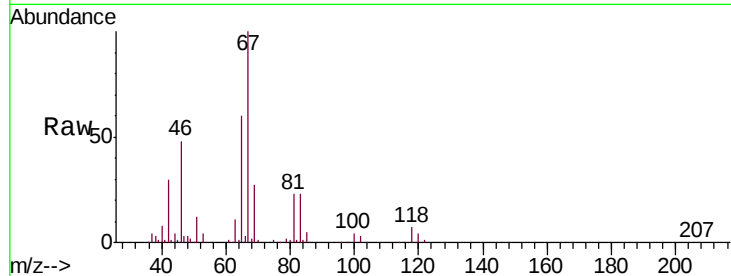




#37
 1,2-Dichloropropane
 Concen: 6.006 ug/L
 RT: 6.31 min Scan# 1623
 Delta R.T. -0.10 min
 Lab File: VU033240.D
 Acq: 12 Jul 2019 22:22

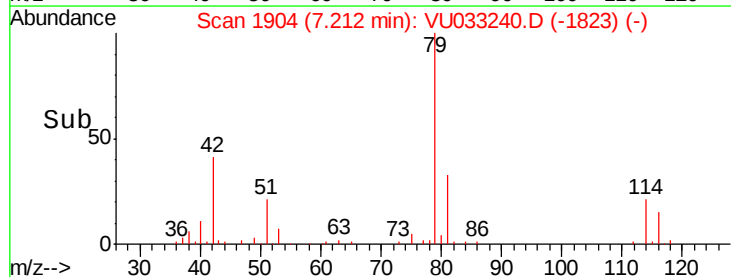
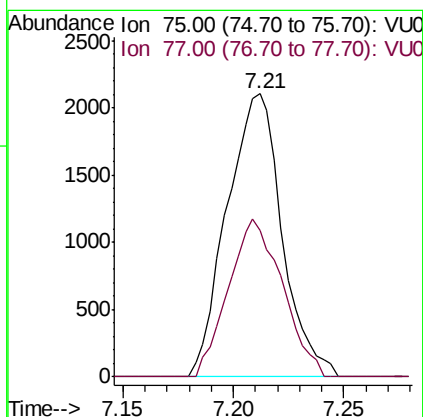
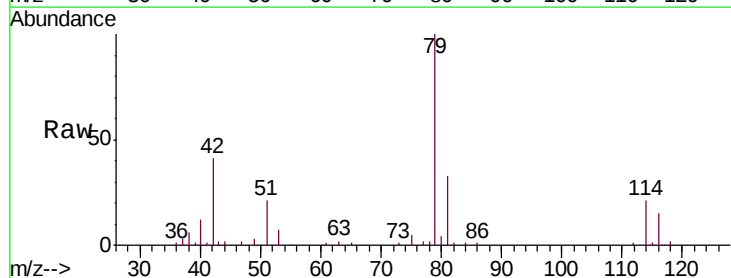
Instrument :
 MSVOA_U
 ClientSampleId :
 C0XL3

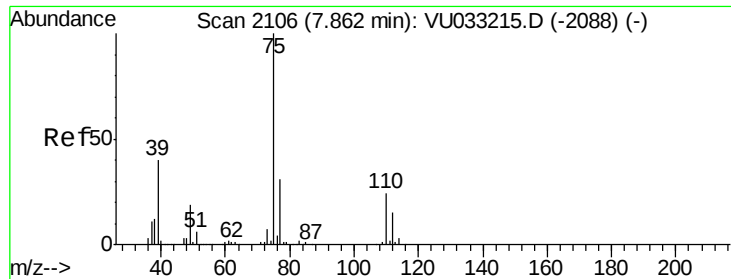
Tgt Ion: 63 Resp: 14081
 Ion Ratio Lower Upper
 63 100
 112 0.3 3.2 4.8#



#39
 cis-1,3-Dichloropropene
 Concen: 1.013 ug/L
 RT: 7.21 min Scan# 1904
 Delta R.T. -0.04 min
 Lab File: VU033240.D
 Acq: 12 Jul 2019 22:22

Tgt Ion: 75 Resp: 3641
 Ion Ratio Lower Upper
 75 100
 77 51.6 23.1 42.9#





#44

trans-1,3-Dichloropropene

Concen: 0.781 ug/L

RT: 7.83 min Scan# 2096

Delta R.T. -0.03 min

Lab File: VU033240.D

Acq: 12 Jul 2019 22:22

Instrument :

MSVOA_U

ClientSampleId :

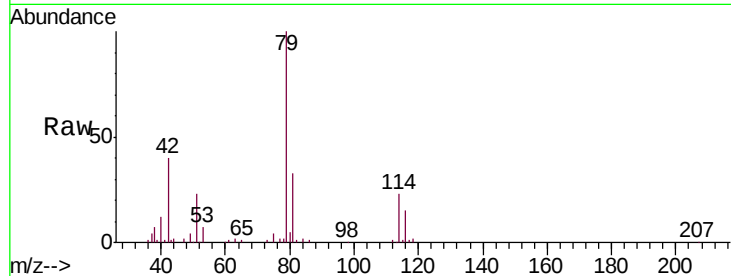
C0XL3

Tgt Ion: 75 Resp: 2531

Ion Ratio Lower Upper

75 100

77 52.6 22.4 41.6#



Abundance Ion 75.00 (74.70 to 75.70): VU033215.D (-2088) (-)

Ion 77.00 (76.70 to 77.70): VU033215.D (-2088) (-)

7.83

1500

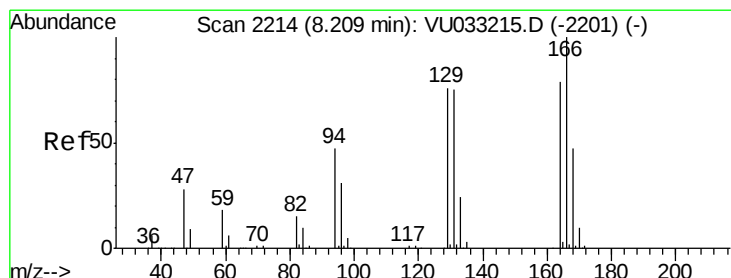
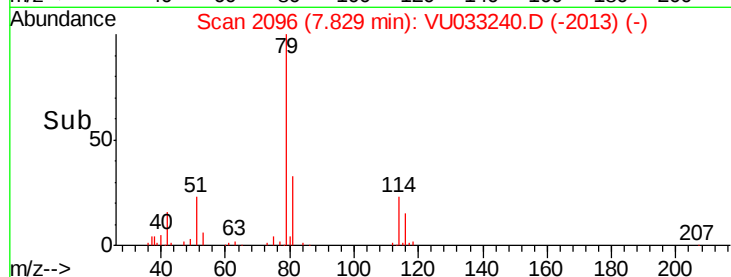
1000

500

0

7.80 7.85

Time-->



#46

Tetrachloroethene

Concen: 33.847 ug/L

RT: 8.21 min Scan# 2214

Delta R.T. -0.00 min

Lab File: VU033240.D

Acq: 12 Jul 2019 22:22

Tgt Ion: 164 Resp: 59245

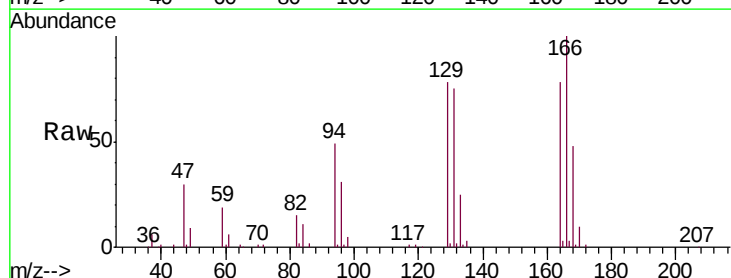
Ion Ratio Lower Upper

164 100

129 100.1 69.6 129.2

131 95.3 65.7 122.1

166 127.7 88.5 164.4



Abundance Ion 164.00 (163.70 to 164.70): VU033215.D (-2201) (-)

Ion 129.00 (128.70 to 129.70): VU033215.D (-2201) (-)

Ion 131.00 (130.70 to 131.70): VU033215.D (-2201) (-)

Ion 166.00 (165.70 to 166.70): VU033215.D (-2201) (-)

60000

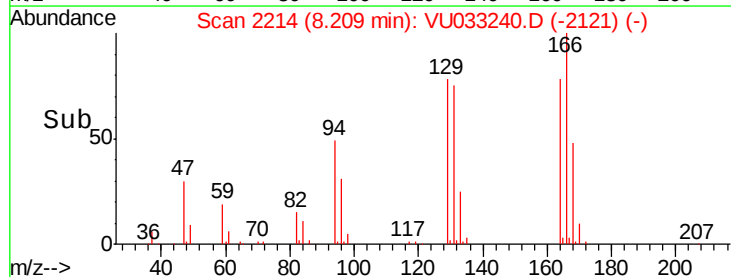
40000

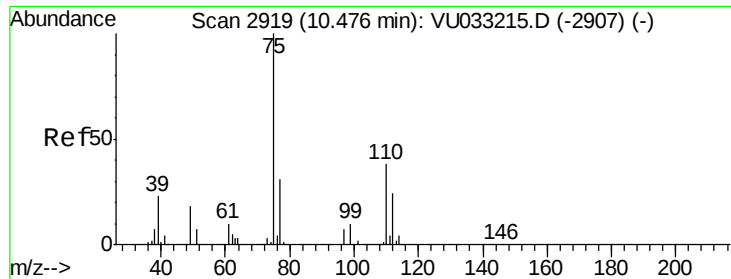
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0

8.15 8.20 8.25 8.30

Time-->





#59

1,2,3-Trichloropropane

Concen: 5.283 ug/L

RT: 11.47 min Scan# 3227

Delta R.T. 0.99 min

Lab File: VU033240.D

Acq: 12 Jul 2019 22:22

Instrument :

MSVOA_U

ClientSampleId :

C0XL3

Tgt Ion: 75 Resp: 16125

Ion Ratio Lower Upper

75 100

77 39.5 26.0 39.0#

