

Data File : VU030631.D
Acq On : 03 Apr 2019 16:47
Operator : JC/SP
Sample : K2148-11
Misc : 4.46g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF5F8

Quant Time: Apr 04 06:56:00 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 04 06:52:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	502813	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	505733	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	262277	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	175302	43.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.64%
7) Chloroethane-d5	1.70	69	100	0.03	ug/L	0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	0.06%#
11) 1,1-Dichloroethene-d2	2.24	63	260124	33.89	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.78%
21) 2-Butanone-d5	4.19	46	295417	77.66	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	77.66%
24) Chloroform-d	4.64	84	283459	40.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.32%
26) 1,2-Dichloroethane-d4	5.30	65	192498	42.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.38%
32) Benzene-d6	5.33	84	613982	42.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.66%
36) 1,2-Dichloropropane-d6	6.32	67	209866	42.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.58%
41) Toluene-d8	7.56	98	530217	40.71	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.42%
43) trans-1,3-Dichloropropene-	7.85	79	93764	40.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.38%
47) 2-Hexanone-d5	8.31	63	207601	77.21	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	77.21%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	300481	42.32	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.64%
64) 1,2-Dichlorobenzene-d4	11.86	152	231778	44.10	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.20%

Target Compounds

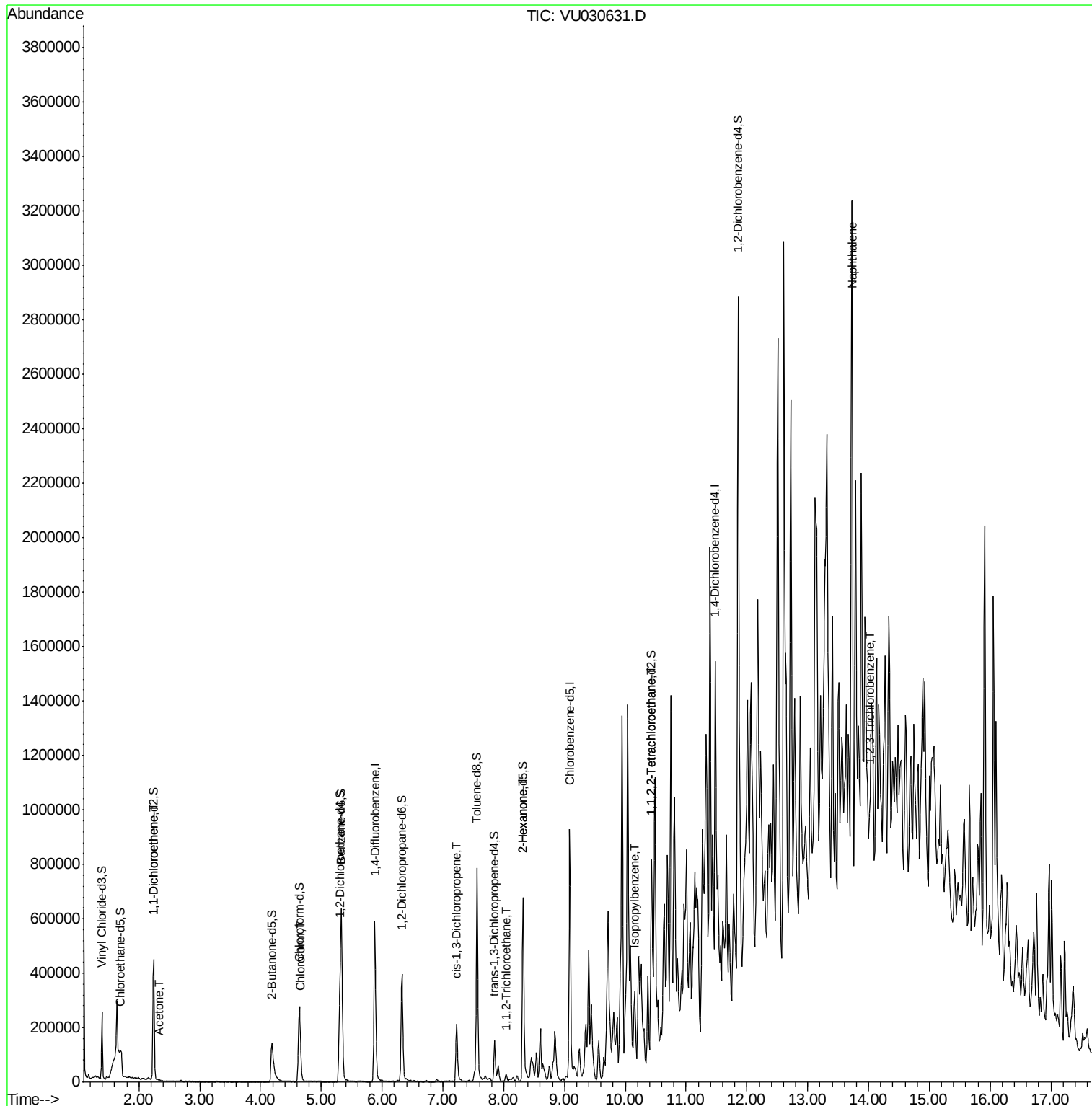
					Qvalue	
12) 1,1-Dichloroethene	2.24	96	2121	0.590	ug/L #	1
13) Acetone	2.34	43	5233	1.360	ug/L	86
25) Chloroform	4.67	83	7665	1.041	ug/L	88
39) cis-1,3-Dichloropropene	7.23	75	4952	0.705	ug/L #	43
45) 1,1,2-Trichloroethane	8.04	97	8529	2.066	ug/L #	17
48) 2-Hexanone	8.32	43	66757	9.925	ug/L #	43
56) Isopropylbenzene	10.16	105	8600	0.476	ug/L #	93
58) 1,1,2,2-Tetrachloroethane	10.44	83	4016	0.528	ug/L #	66
69) Naphthalene	13.73	128	43336	2.184	ug/L #	8
70) 1,2,3-Trichlorobenzene	14.01	180	9922	1.684	ug/L #	1

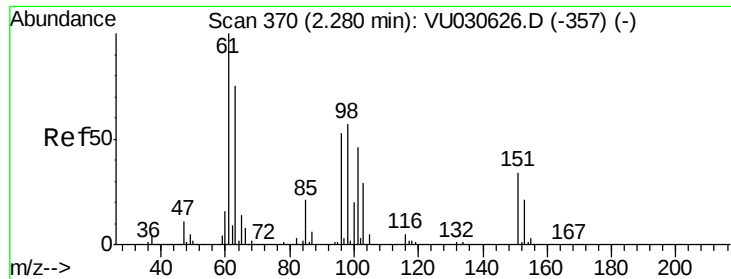
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.590 ug/L

RT: 2.24 min Scan# 358

Delta R.T. -0.04 min

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Acq: 03 Apr 2019 16:47

Instrument :

MSVOA_U

ClientSampleId :

BF5F8

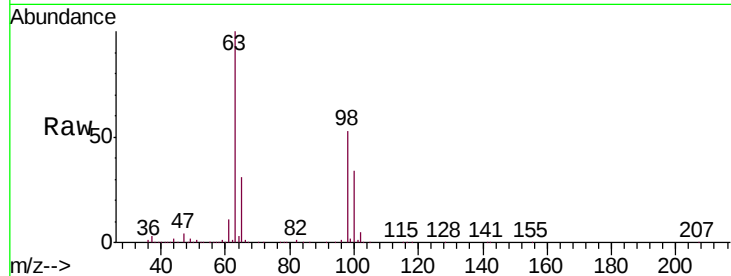
Tgt Ion: 96 Resp: 2121

Ion Ratio Lower Upper

96 100

61 1590.2 131.0 243.4#

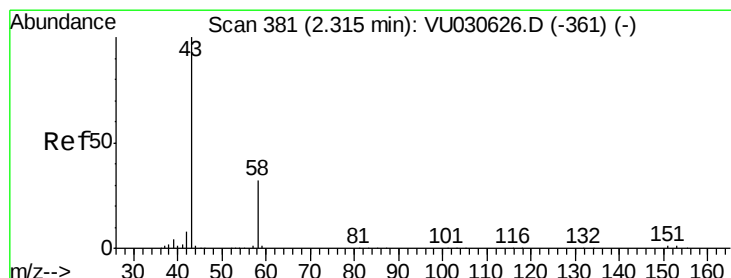
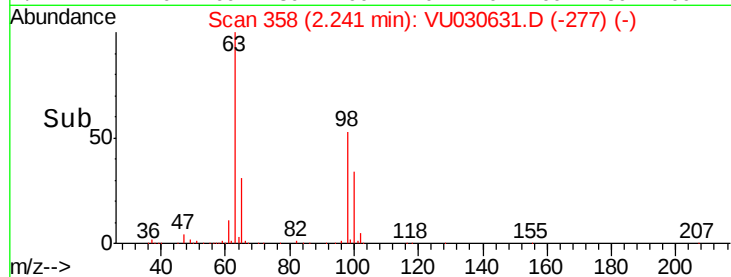
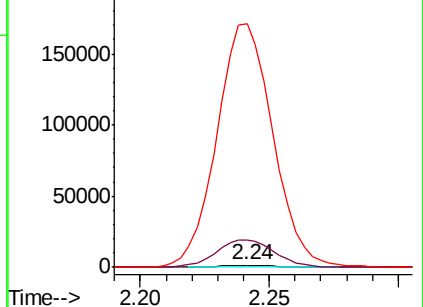
63 14033.8 92.4 171.6#



Abundance Ion 96.00 (95.70 to 96.70): VU030631.D (-277) (-)

Ion 61.00 (60.70 to 61.70): VU030631.D (-277) (-)

Ion 63.00 (62.70 to 63.70): VU030631.D (-277) (-)



#13

Acetone

Concen: 1.360 ug/L

RT: 2.34 min Scan# 388

Delta R.T. 0.02 min

Lab File: VU030631.D

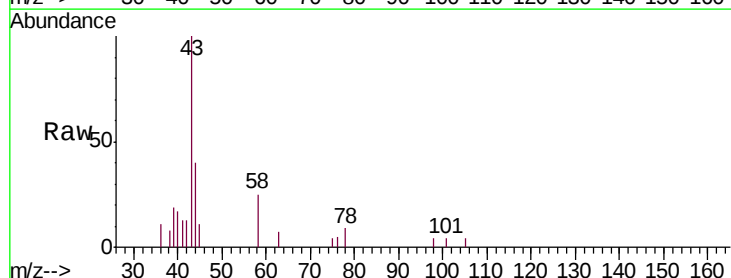
Acq: 03 Apr 2019 16:47

Tgt Ion: 43 Resp: 5233

Ion Ratio Lower Upper

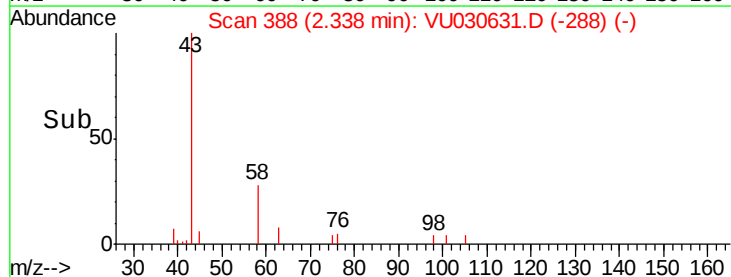
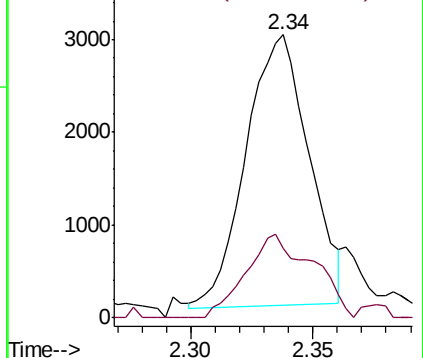
43 100

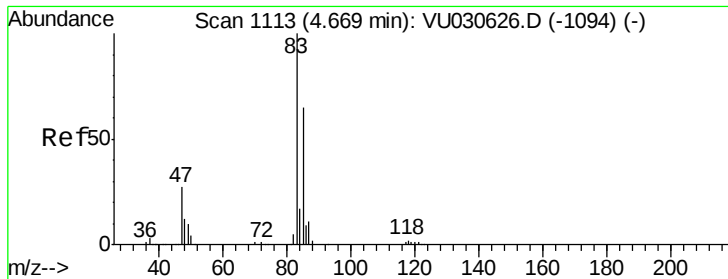
58 23.4 0.0 62.8



Abundance Ion 43.00 (42.70 to 43.70): VU030631.D (-288) (-)

Ion 58.00 (57.70 to 58.70): VU030631.D (-288) (-)





#25

Chloroform

Concen: 1.041 ug/L

RT: 4.67 min Scan# 1112

Delta R.T. -0.00 min

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Acq: 03 Apr 2019 16:47

Instrument :

MSVOA_U

ClientSampleId :

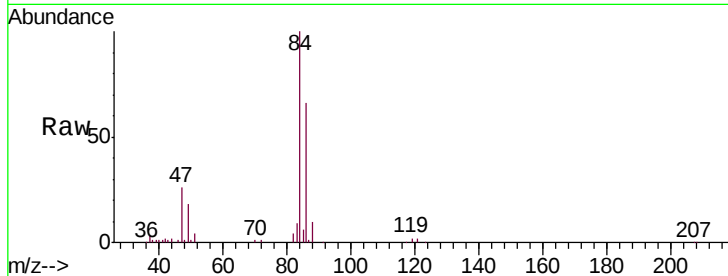
BF5F8

Tgt Ion: 83 Resp: 7665

Ion Ratio Lower Upper

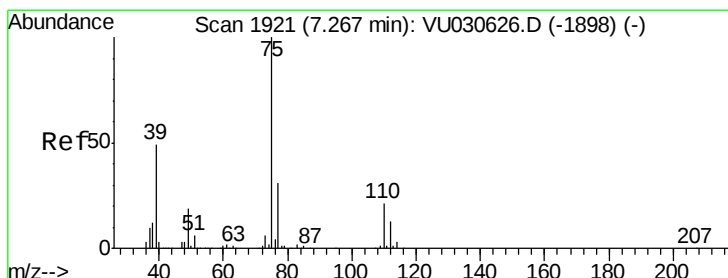
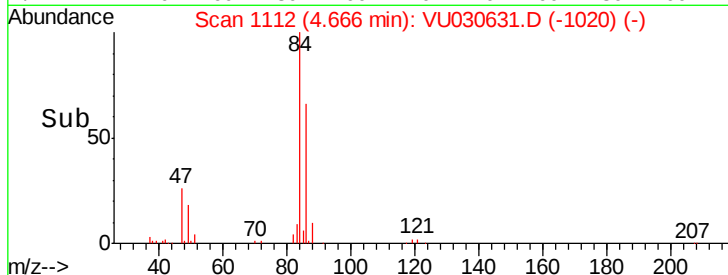
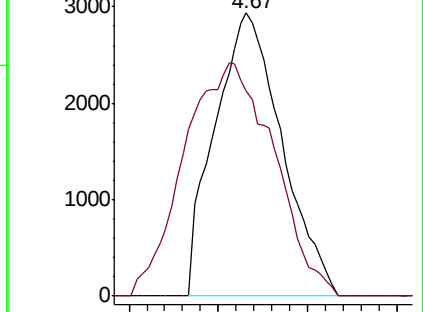
83 100

85 72.7 44.4 82.4



Abundance Ion 83.00 (82.70 to 83.70): VU030626.D (-1094) (-)

Ion 85.00 (84.70 to 85.70): VU030626.D (-1094) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.705 ug/L

RT: 7.23 min Scan# 1910

Delta R.T. -0.04 min

Lab File: VU030631.D

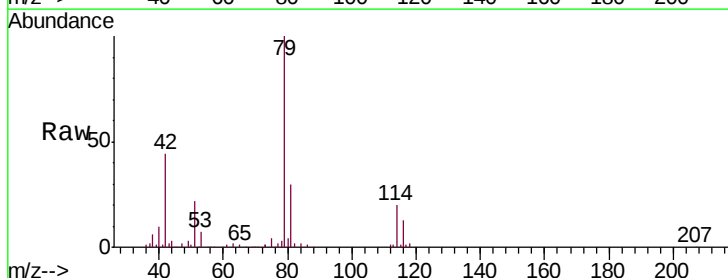
Acq: 03 Apr 2019 16:47

Tgt Ion: 75 Resp: 4952

Ion Ratio Lower Upper

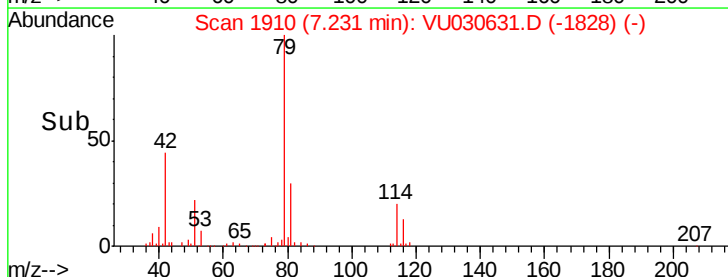
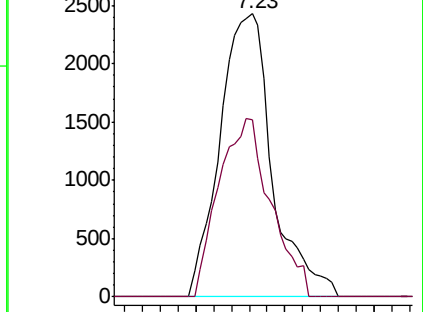
75 100

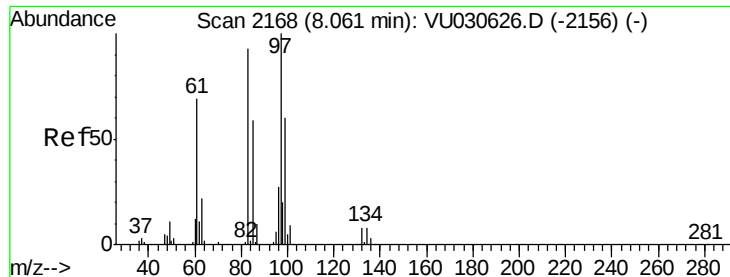
77 62.4 21.8 40.6#



Abundance Ion 75.00 (74.70 to 75.70): VU030626.D (-1898) (-)

Ion 77.00 (76.70 to 77.70): VU030626.D (-1898) (-)

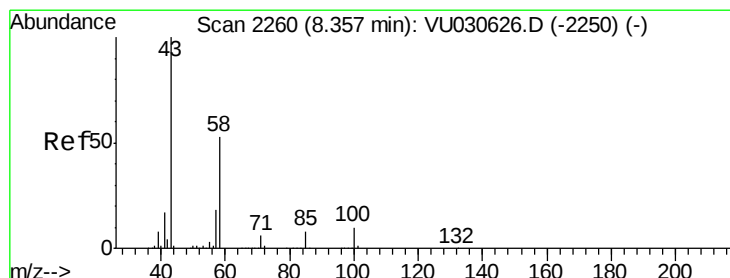
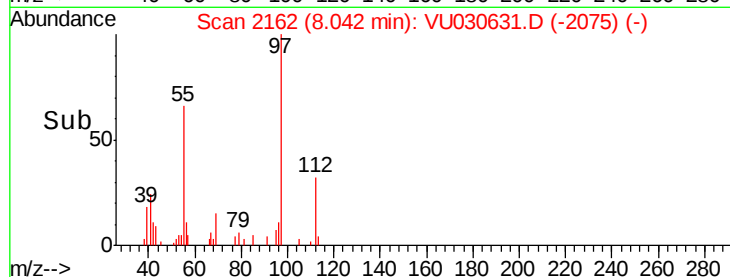
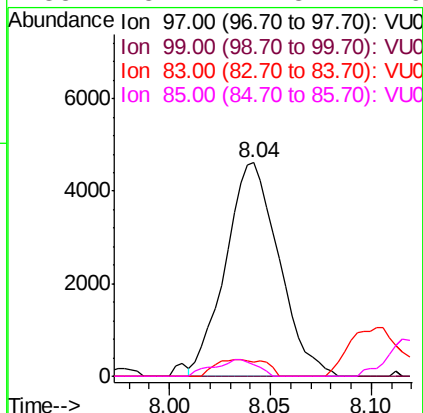
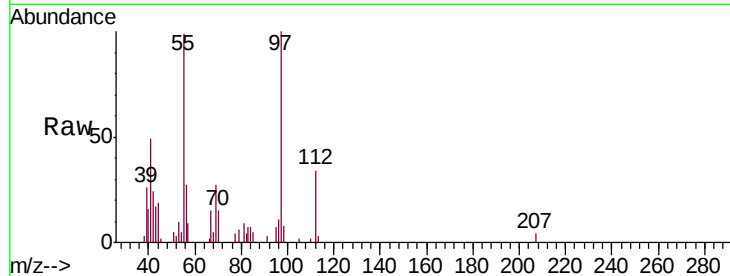




#45
 1,1,2-Trichloroethane
 Concen: 2.066 ug/L
 RT: 8.04 min Scan# 2162
 Delta R.T. -0.02 min
 Lab File: VU030631.D
 Acq: 03 Apr 2019 16:47

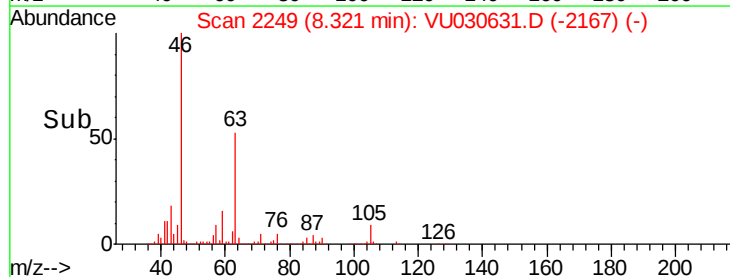
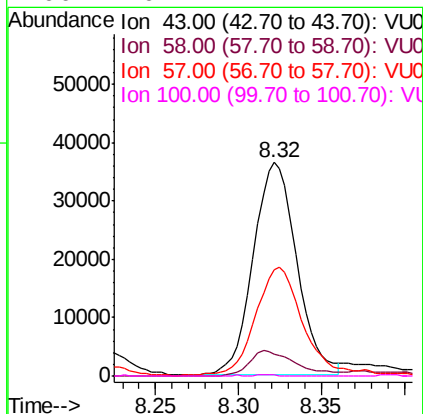
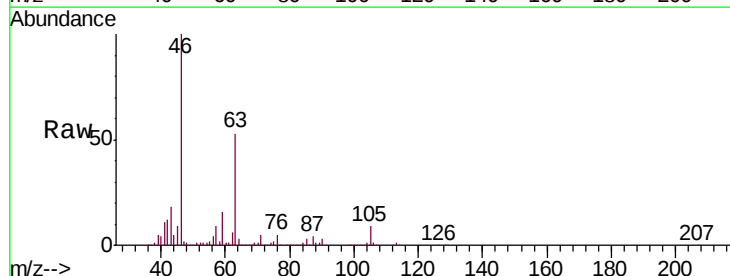
Instrument :
 MSVOA_U
 ClientSampleId :
 BF5F8

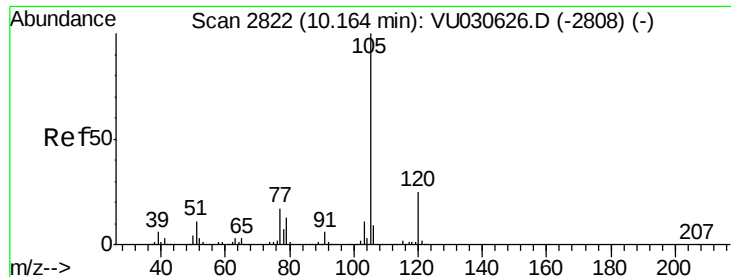
Tgt Ion: 97 Resp: 8529
 Ion Ratio Lower Upper
 97 100
 99 0.0 44.0 81.8#
 83 6.7 65.3 121.3#
 85 5.1 41.8 77.6#



#48
 2-Hexanone
 Concen: 9.925 ug/L
 RT: 8.32 min Scan# 2249
 Delta R.T. -0.04 min
 Lab File: VU030631.D
 Acq: 03 Apr 2019 16:47

Tgt Ion: 43 Resp: 66757
 Ion Ratio Lower Upper
 43 100
 58 12.5 42.5 63.7#
 57 52.0 15.0 22.6#
 100 0.2 7.4 11.2#





#56

Isopropylbenzene

Concen: 0.476 ug/L

RT: 10.16 min Scan# 2822

Delta R.T. 0.00 min

Lab File: VU030631.D

Acq: 03 Apr 2019 16:47

Instrument :

MSVOA_U

ClientSampleId :

BF5F8

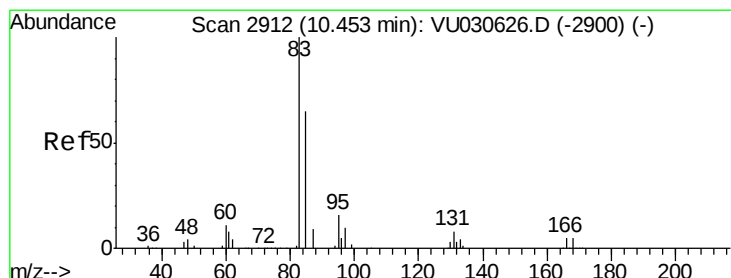
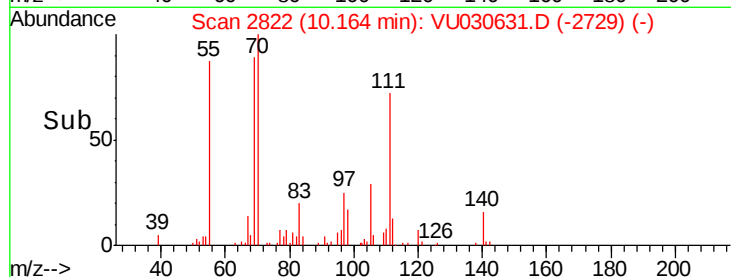
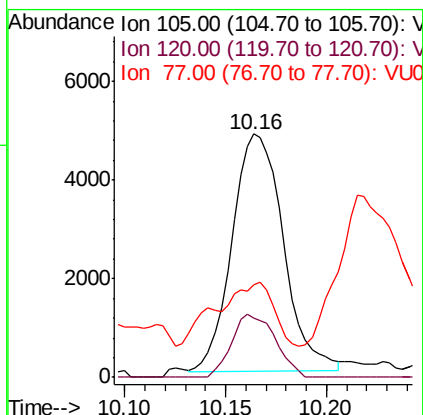
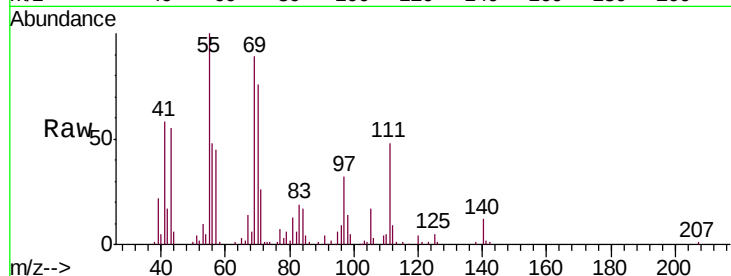
Tgt Ion:105 Resp: 8600

Ion Ratio Lower Upper

105 100

120 22.6 20.2 30.2

77 20.8 13.2 19.8#



#58

1,1,2,2-Tetrachloroethane

Concen: 0.528 ug/L

RT: 10.44 min Scan# 2907

Delta R.T. -0.02 min

Lab File: VU030631.D

Acq: 03 Apr 2019 16:47

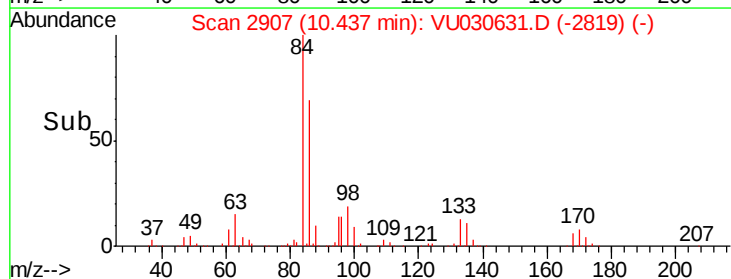
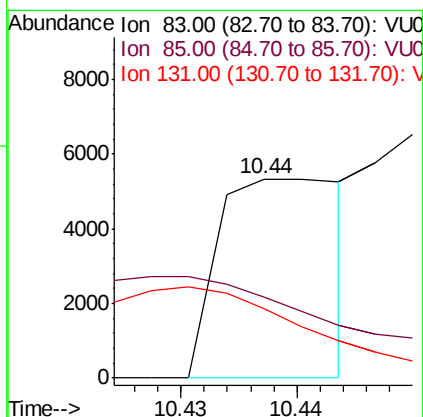
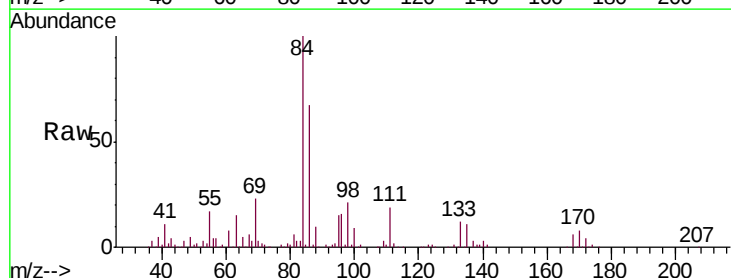
Tgt Ion: 83 Resp: 4016

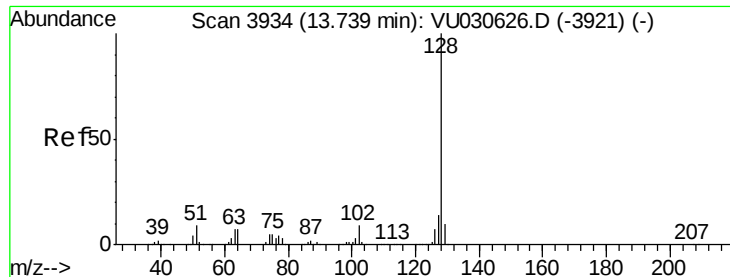
Ion Ratio Lower Upper

83 100

85 40.6 44.3 82.3#

131 34.8 6.7 10.1#





#69

Naphthalene

Concen: 2.184 ug/L

RT: 13.73 min Scan# 3930

Delta R.T. -0.01 min

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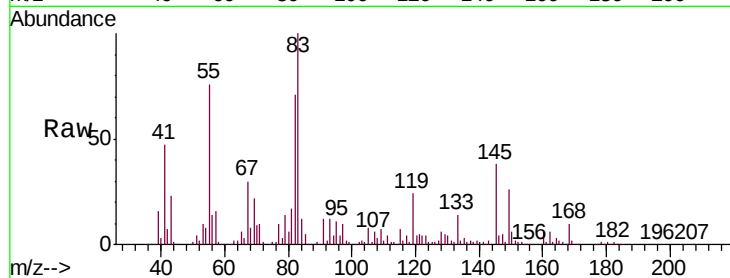
Tgt Ion:128 Resp: 43336

Ion Ratio Lower Upper

128 100

127 27.8 10.4 15.6#

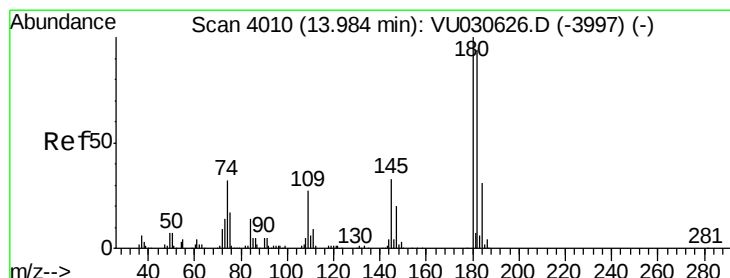
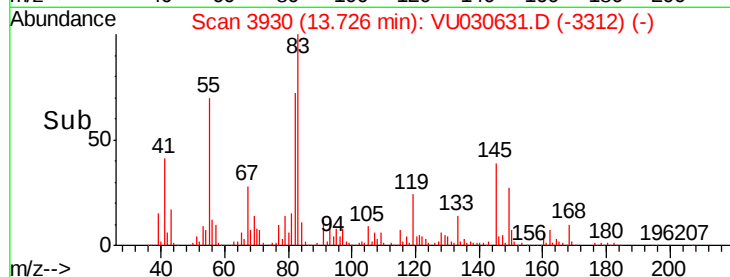
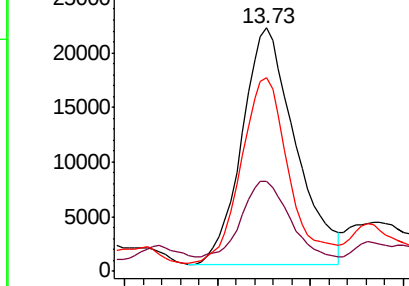
129 70.3 8.4 12.6#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#70

1,2,3-Trichlorobenzene

Concen: 1.684 ug/L

RT: 14.01 min Scan# 4019

Delta R.T. 0.03 min

Lab File: VU030631.D

Acq: 03 Apr 2019 16:47

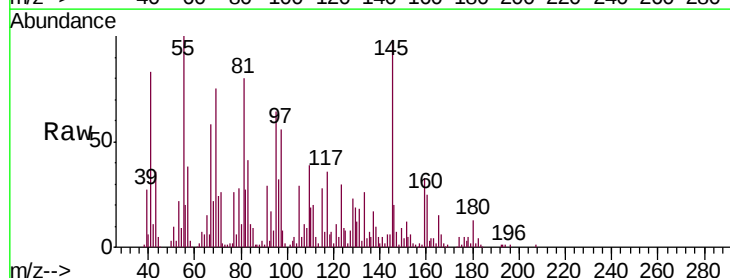
Tgt Ion:180 Resp: 9922

Ion Ratio Lower Upper

180 100

182 11.5 77.4 116.2#

145 834.2 25.9 38.9#



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

