

Data File : VU030034.D
Acq On : 13 Mar 2019 17:05
Operator : JC/SP
Sample : VU0315MBL02
Misc : 5.00g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK59

Quant Time: Mar 14 03:53:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 14 03:50:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	519120	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	494697	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	232456	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	178621	52.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	104.04%
7) Chloroethane-d5	1.68	69	146866	52.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.98%
11) 1,1-Dichloroethene-d2	2.27	63	244301	39.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.84%
21) 2-Butanone-d5	4.17	46	260475	101.25	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.25%
24) Chloroform-d	4.64	84	311459	50.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.14%
26) 1,2-Dichloroethane-d4	5.31	65	189636	53.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.58%
32) Benzene-d6	5.34	84	697782	54.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.60%
36) 1,2-Dichloropropane-d6	6.33	67	213013	54.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	109.32%
41) Toluene-d8	7.56	98	635124	53.26	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.52%
43) trans-1,3-Dichloropropene-	7.85	79	94876	50.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.52%
47) 2-Hexanone-d5	8.31	63	230345	105.63	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.63%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	308596	51.53	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.06%
64) 1,2-Dichlorobenzene-d4	11.86	152	245139	54.44	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.88%

Target Compounds

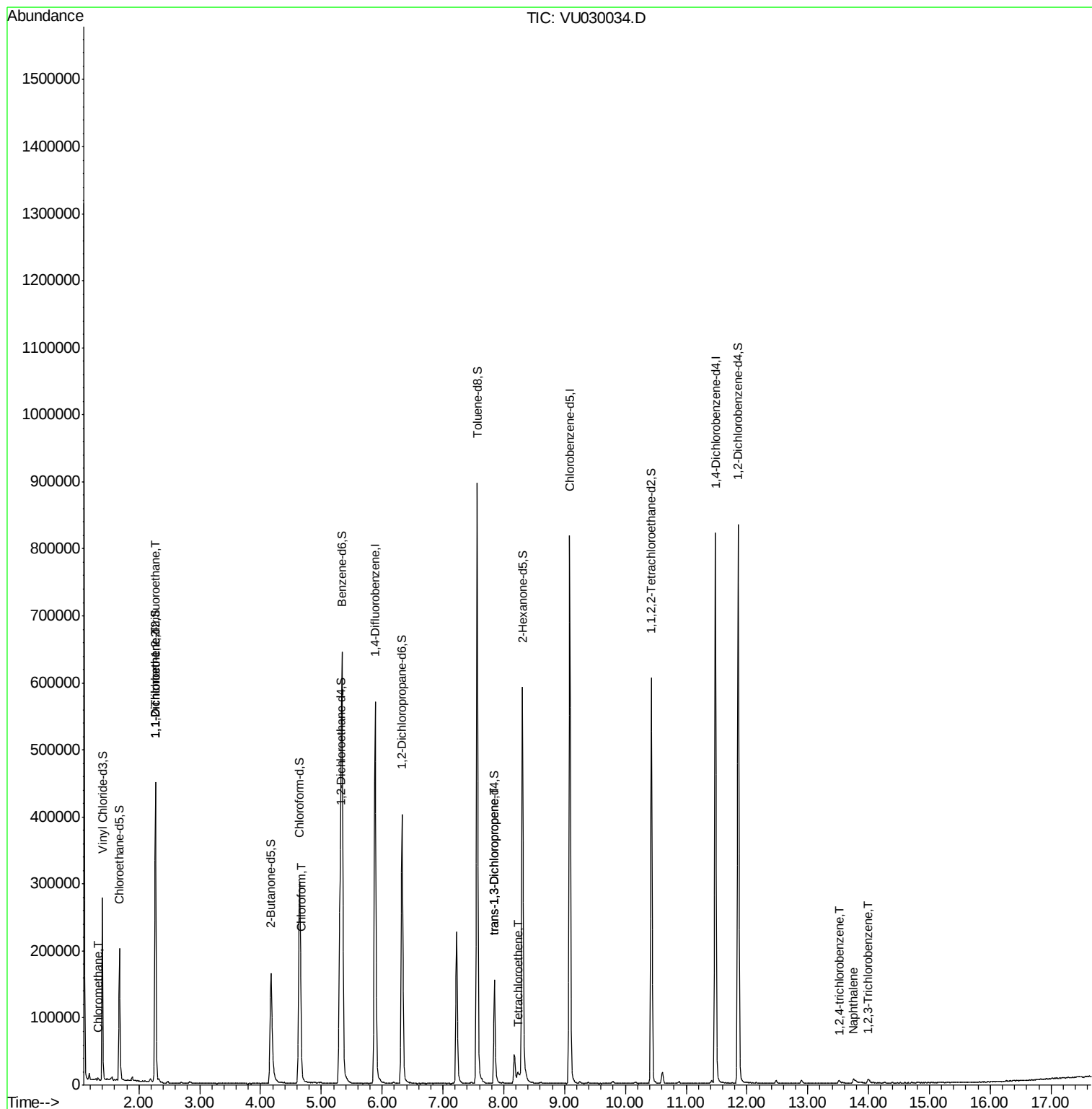
					Qvalue
3) Chloromethane	1.33	50	2975	0.822 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2653	0.778 ug/L #	20
12) 1,1-Dichloroethene	2.28	96	2548	0.783 ug/L #	1
25) Chloroform	4.67	83	4171	0.653 ug/L	93
44) trans-1,3-Dichloropropene	7.85	75	4186	0.791 ug/L	91
46) Tetrachloroethene	8.23	164	2970	0.915 ug/L	81
68) 1,2,4-trichlorobenzene	13.51	180	2219	0.416 ug/L	93
69) Naphthalene	13.75	128	8838	0.510 ug/L #	89
70) 1,2,3-Trichlorobenzene	13.99	180	3591	0.649 ug/L #	71

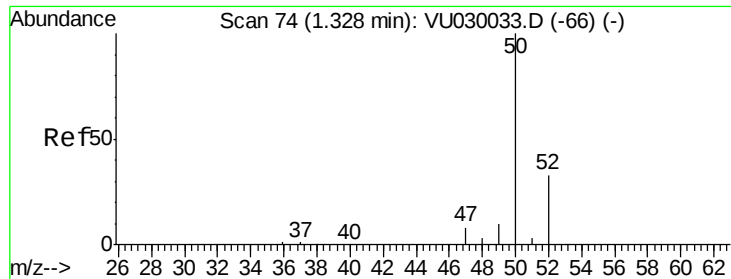
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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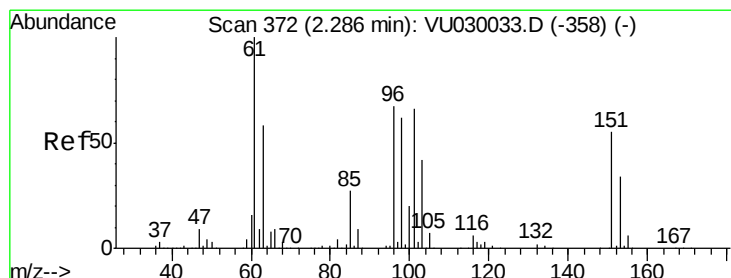
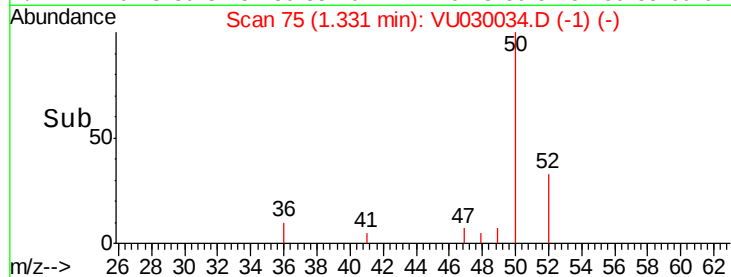
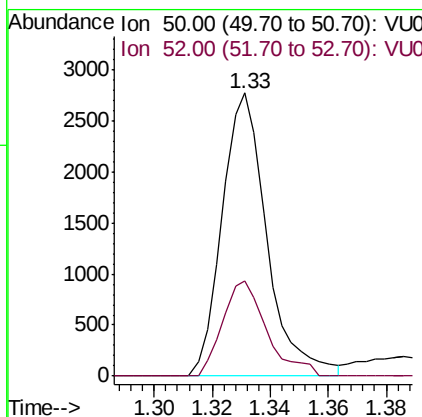
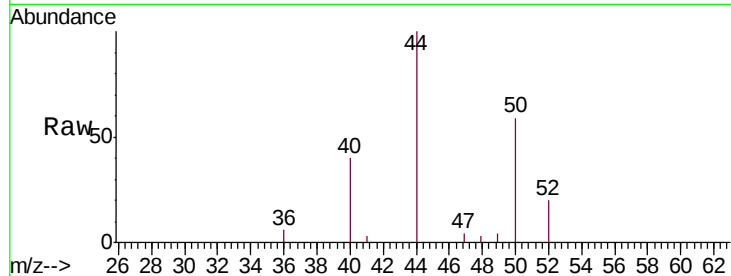




#3
 Chloromethane
 Concen: 0.822 ug/L
 RT: 1.33 min Scan# 75
 Delta R.T. 0.00 min
 Lab File: VU030034.D
 Acq: 13 Mar 2019 17:05

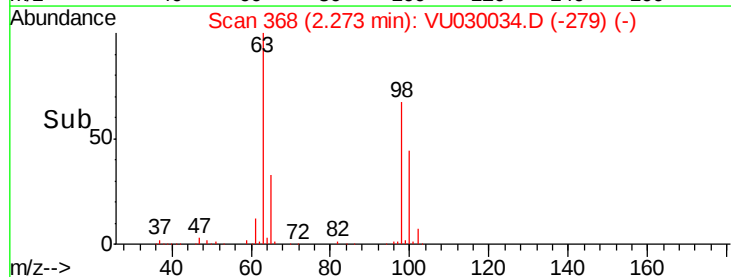
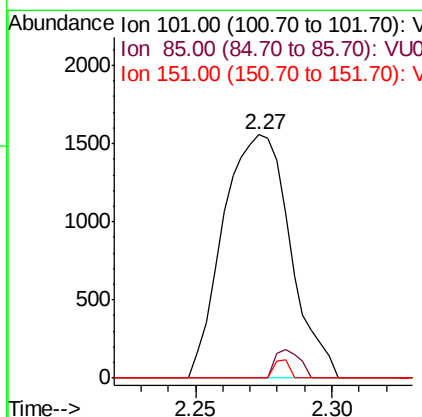
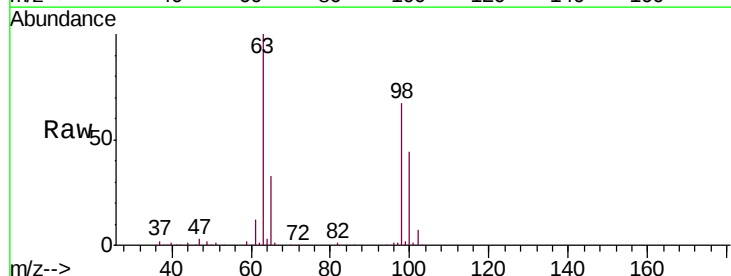
Instrument :
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 VBLK59

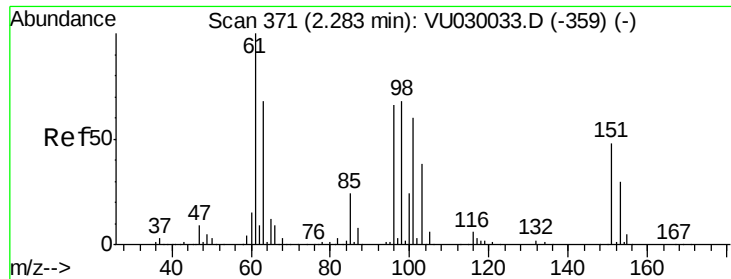
Tgt Ion: 50 Resp: 2975
 Ion Ratio Lower Upper
 50 100
 52 33.5 23.4 43.6



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.778 ug/L
 RT: 2.27 min Scan# 368
 Delta R.T. -0.01 min
 Lab File: VU030034.D
 Acq: 13 Mar 2019 17:05

Tgt Ion: 101 Resp: 2653
 Ion Ratio Lower Upper
 101 100
 85 4.3 33.0 49.4#
 151 1.6 66.1 99.1#

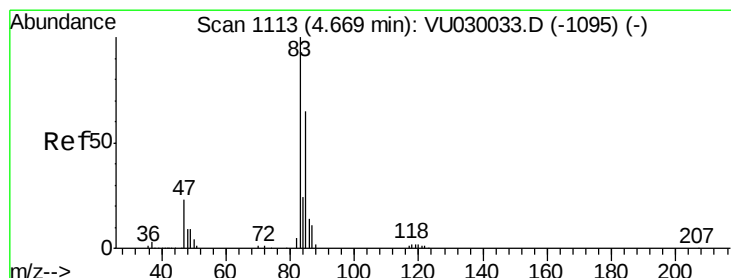
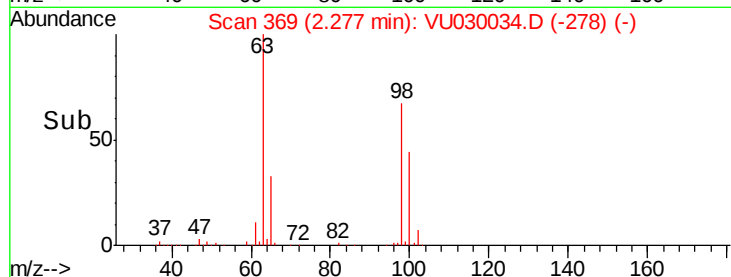
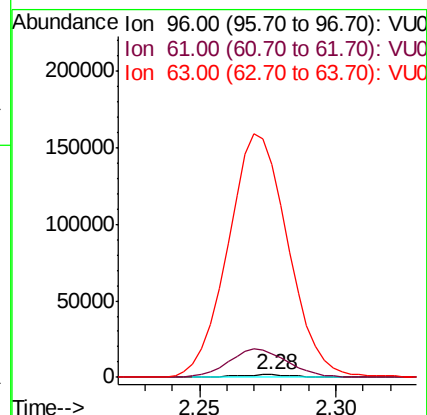
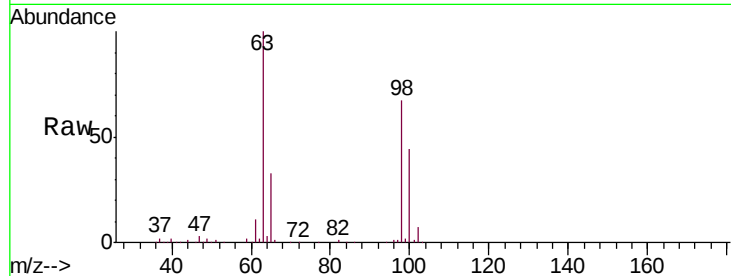




#12
 1,1-Dichloroethene
 Concen: 0.783 ug/L
 RT: 2.28 min Scan# 369
 Delta R.T. -0.01 min
 Lab File: VU030034.D
 Acq: 13 Mar 2019 17:05

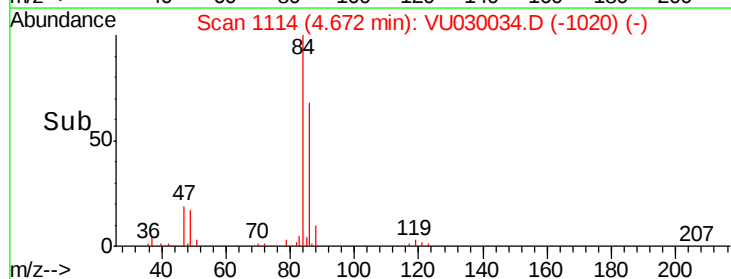
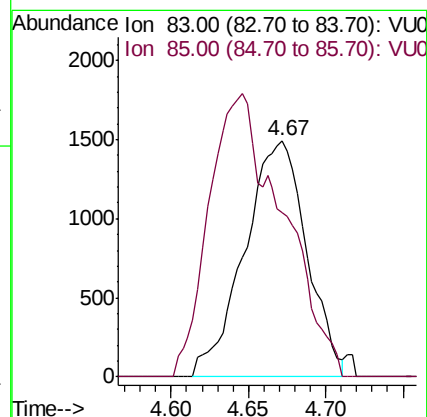
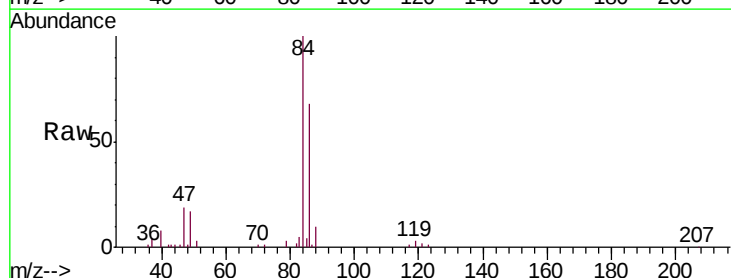
Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK59

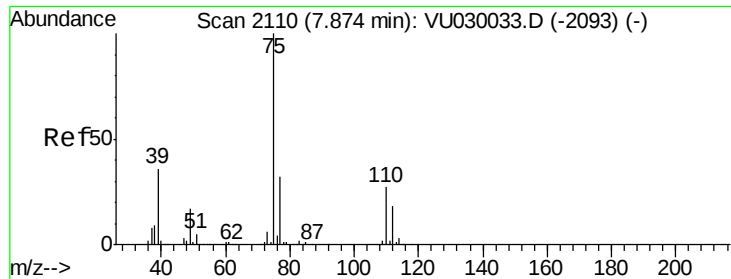
Tgt Ion: 96 Resp: 2548
 Ion Ratio Lower Upper
 96 100
 61 1009.0 110.4 205.0#
 63 8909.2 86.5 160.7#



#25
 Chloroform
 Concen: 0.653 ug/L
 RT: 4.67 min Scan# 1114
 Delta R.T. 0.00 min
 Lab File: VU030034.D
 Acq: 13 Mar 2019 17:05

Tgt Ion: 83 Resp: 4171
 Ion Ratio Lower Upper
 83 100
 85 69.5 44.9 83.5





#44

trans-1,3-Dichloropropene

Concen: 0.791 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU030034.D

Acq: 13 Mar 2019 17:05

Instrument :

MSVOA_U

ClientSampleId :

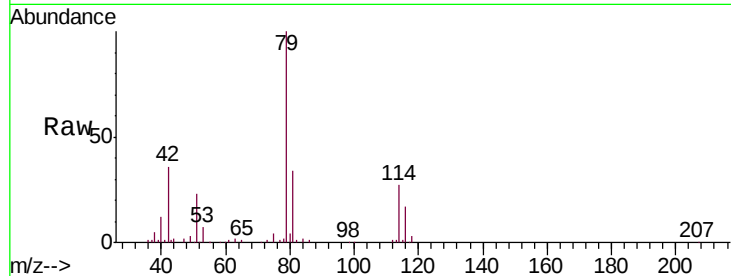
VBLK59

Tgt Ion: 75 Resp: 4186

Ion Ratio Lower Upper

75 100

77 36.1 21.9 40.7



Abundance Ion 75.00 (74.70 to 75.70): VU030033.D (-2093) (-)

Ion 77.00 (76.70 to 77.70): VU030033.D (-2093) (-)

7.85

2500

2000

1500

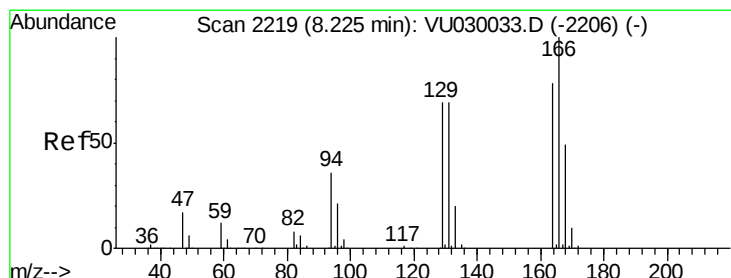
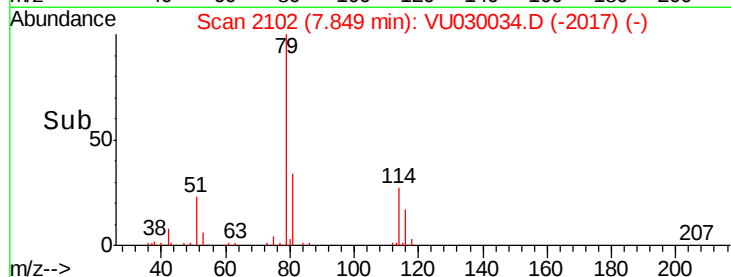
1000

500

0

7.80 7.85 7.90

Time-->



#46

Tetrachloroethene

Concen: 0.915 ug/L

RT: 8.23 min Scan# 2220

Delta R.T. 0.00 min

Lab File: VU030034.D

Acq: 13 Mar 2019 17:05

Tgt Ion: 164 Resp: 2970

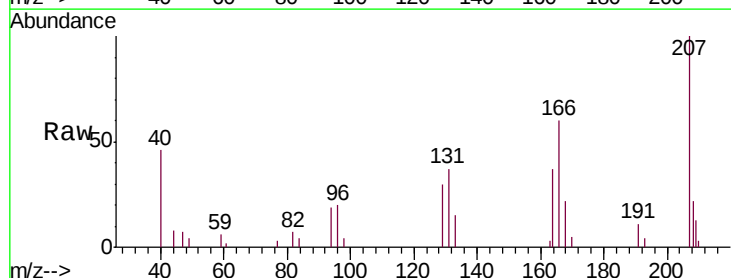
Ion Ratio Lower Upper

164 100

129 81.1 63.3 117.7

131 102.1 62.0 115.2

166 162.7 90.5 168.1



Abundance Ion 164.00 (163.70 to 164.70): VU030033.D (-2206) (-)

Ion 129.00 (128.70 to 129.70): VU030033.D (-2206) (-)

Ion 131.00 (130.70 to 131.70): VU030033.D (-2206) (-)

Ion 166.00 (165.70 to 166.70): VU030033.D (-2206) (-)

3000

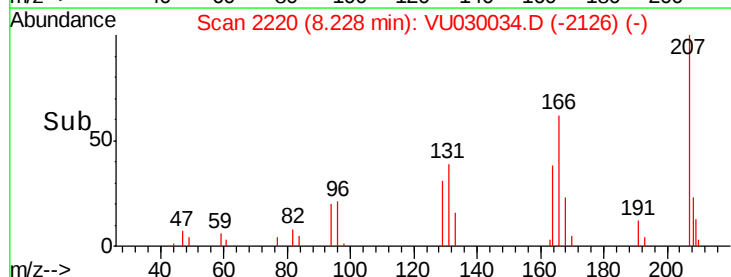
2000

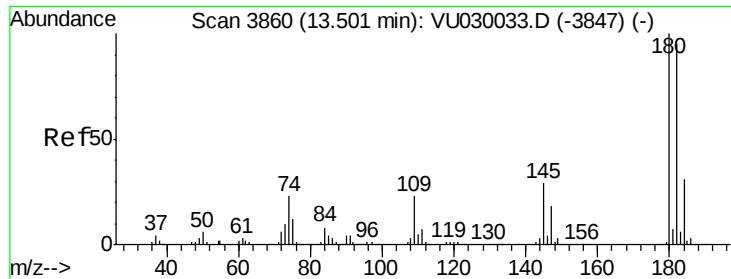
1000

0

8.20 8.23 8.26

Time-->

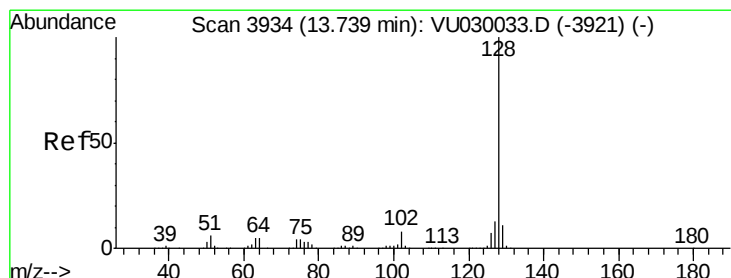
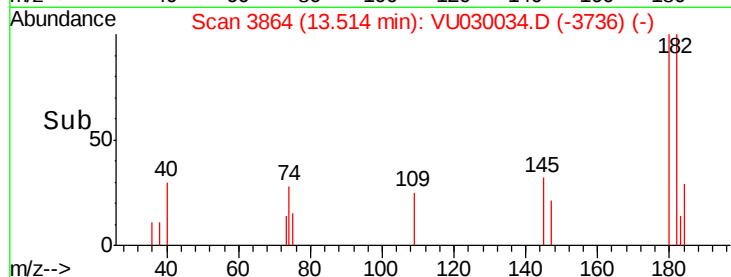
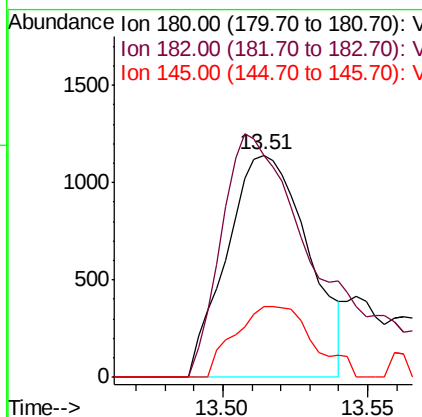
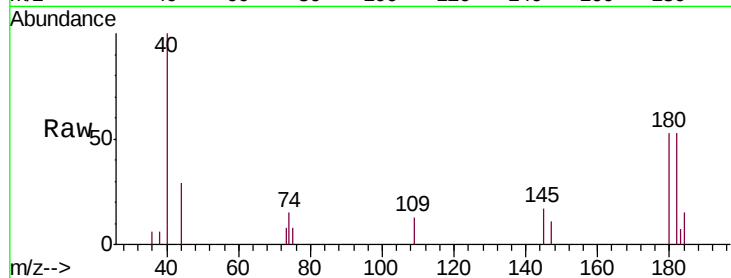




#68
 1,2,4-trichlorobenzene
 Concen: 0.416 ug/L
 RT: 13.51 min Scan# 3864
 Delta R.T. 0.01 min
 Lab File: VU030034.D
 Acq: 13 Mar 2019 17:05

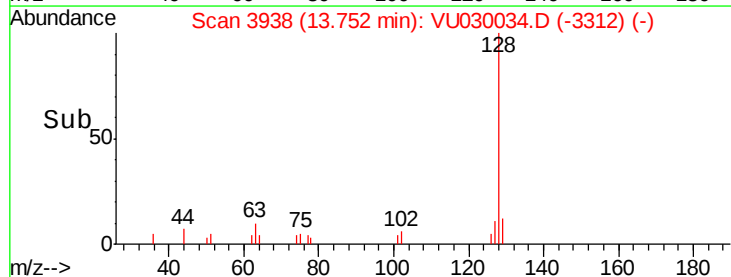
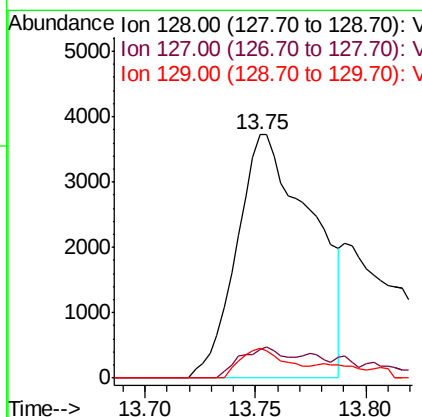
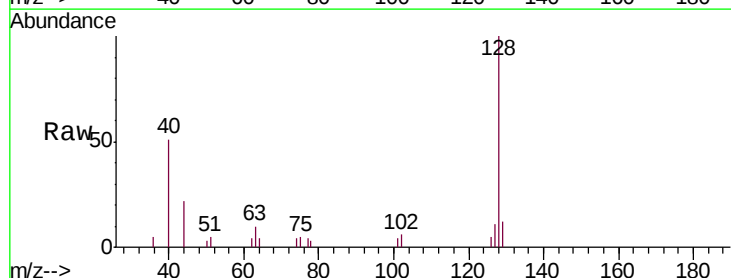
Instrument :
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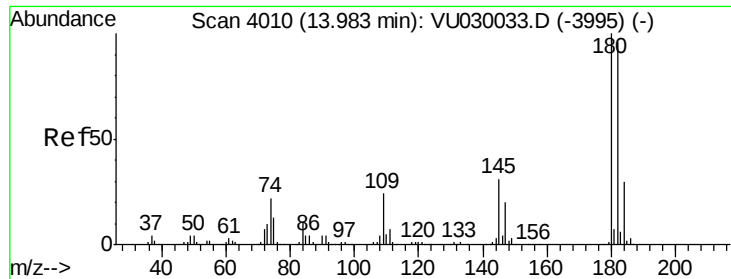
Tgt Ion:180 Resp: 2219
 Ion Ratio Lower Upper
 180 100
 182 104.1 76.1 114.1
 145 28.5 23.0 34.4



#69
 Naphthalene
 Concen: 0.510 ug/L
 RT: 13.75 min Scan# 3938
 Delta R.T. 0.01 min
 Lab File: VU030034.D
 Acq: 13 Mar 2019 17:05

Tgt Ion:128 Resp: 8838
 Ion Ratio Lower Upper
 128 100
 127 7.3 10.1 15.1#
 129 7.6 8.7 13.1#





#70
 1,2,3-Trichlorobenzene
 Concen: 0.649 ug/L
 RT: 13.99 min Scan# 4013
 Delta R.T. 0.01 min
 Lab File: VU030034.D
 Acq: 13 Mar 2019 17:05

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK59

Tgt Ion	Resp	Lower	Upper
180	3591		
182	63.9	75.9	113.9#
145	19.1	24.0	36.0#

