

Data File : VU030430.D
Acq On : 26 Mar 2019 09:39
Operator : JC/SP
Sample : VU0326MBL01
Misc : 5.00g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK56

Quant Time: Mar 27 04:32:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 27 04:29:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	430879	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	412862	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	163782	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	171024	49.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.64%
7) Chloroethane-d5	1.68	69	140429	51.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.18%
11) 1,1-Dichloroethene-d2	2.27	63	240769	36.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.20%
21) 2-Butanone-d5	4.17	46	295823	90.75	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.75%
24) Chloroform-d	4.64	84	284831	47.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.34%
26) 1,2-Dichloroethane-d4	5.31	65	190514	48.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.46%
32) Benzene-d6	5.34	84	576002	48.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.30%
36) 1,2-Dichloropropane-d6	6.33	67	205225	50.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.32%
41) Toluene-d8	7.56	98	491483	46.22	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.44%
43) trans-1,3-Dichloropropene-	7.85	79	85039	44.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.28%
47) 2-Hexanone-d5	8.31	63	196576	89.55	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.55%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	267610	46.17	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.34%
64) 1,2-Dichlorobenzene-d4	11.86	152	164605	50.16	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.32%

Target Compounds

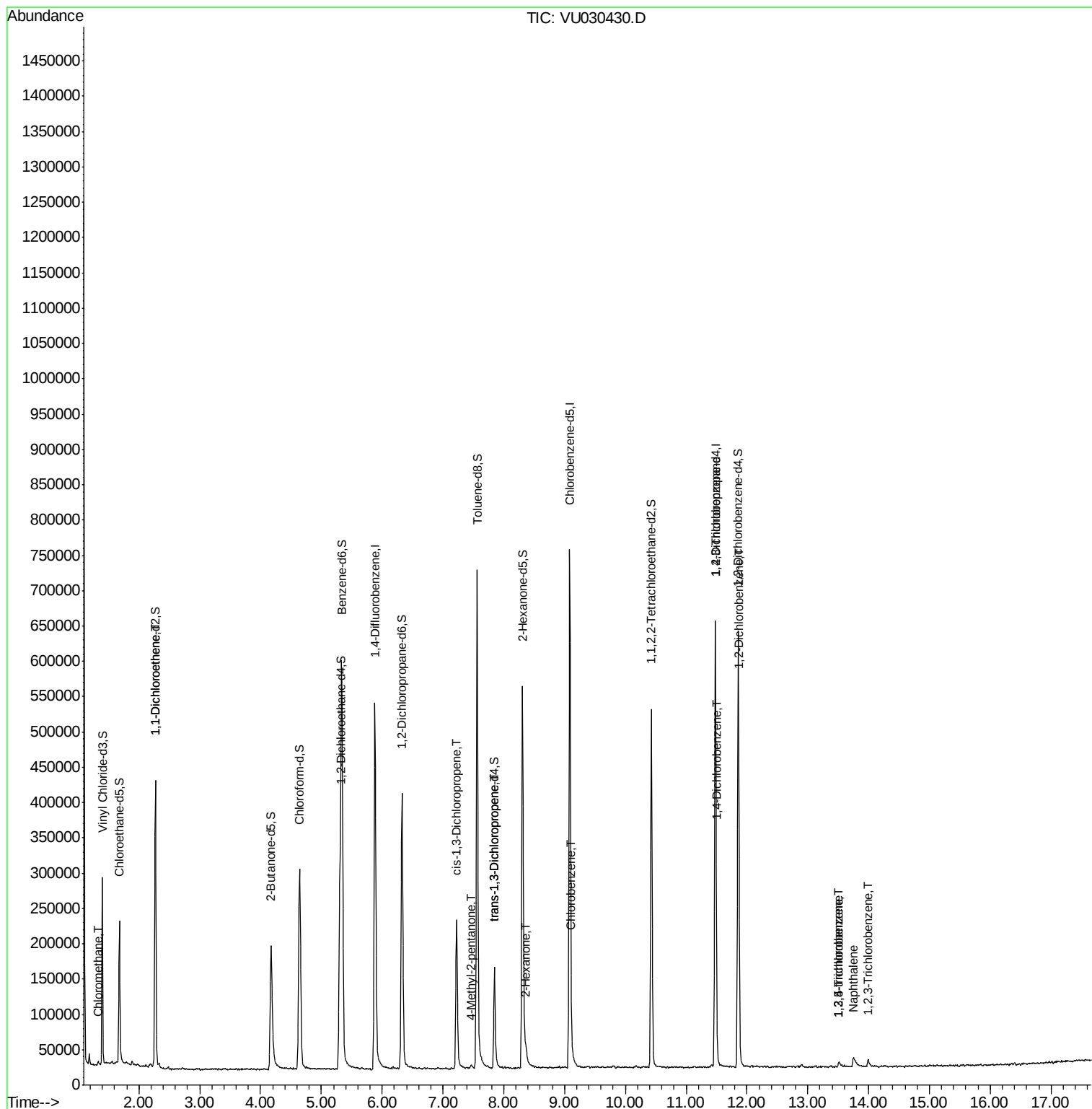
					Qvalue
3) Chloromethane	1.33	50	4506	0.847 ug/L	91
12) 1,1-Dichloroethene	2.27	96	1769	0.574 ug/L #	1
39) cis-1,3-Dichloropropene	7.22	75	4660	0.813 ug/L #	50
40) 4-Methyl-2-pentanone	7.47	43	5093	0.760 ug/L #	86
44) trans-1,3-Dichloropropene	7.85	75	3678	0.729 ug/L	97
48) 2-Hexanone	8.37	43	10663	1.942 ug/L #	85
51) Chlorobenzene	9.12	112	5000	0.566 ug/L	93
59) 1,2,3-Trichloropropane	11.48	75	22639	4.663 ug/L	96
63) 1,4-Dichlorobenzene	11.50	146	4661	0.845 ug/L	88
65) 1,2-Dichlorobenzene	11.87	146	4120	0.761 ug/L #	92
67) 1,3,5-Trichlorobenzene	13.51	180	2896	0.722 ug/L	91
68) 1,2,4-trichlorobenzene	13.51	180	2896	0.831 ug/L	89
69) Naphthalene	13.75	128	23124	1.867 ug/L #	75
70) 1,2,3-Trichlorobenzene	13.99	180	2827	0.768 ug/L #	55

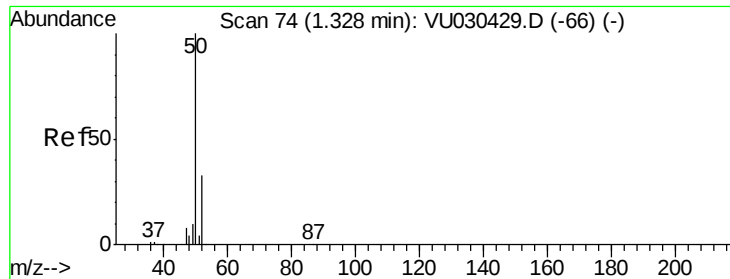
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.847 ug/L

RT: 1.33 min Scan# 75

Delta R.T. 0.00 min

Lab File: VU030430.D

Acq: 26 Mar 2019 09:39

Instrument :

MSVOA_U

ClientSampleId :

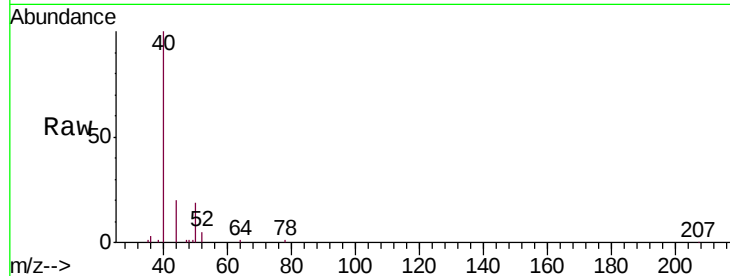
VBLK56

Tgt Ion: 50 Resp: 4506

Ion Ratio Lower Upper

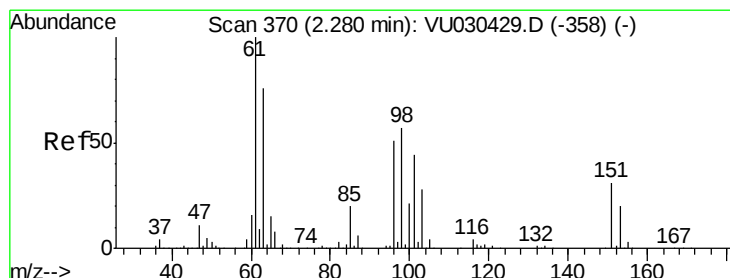
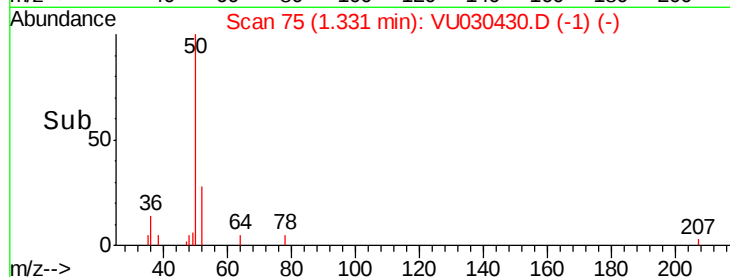
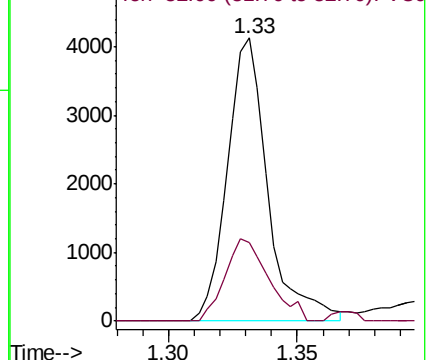
50 100

52 27.9 23.0 42.6



Abundance Ion 50.00 (49.70 to 50.70): VU030429.D (-66) (-)

Ion 52.00 (51.70 to 52.70): VU030429.D (-66) (-)



#12

1,1-Dichloroethene

Concen: 0.574 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU030430.D

Acq: 26 Mar 2019 09:39

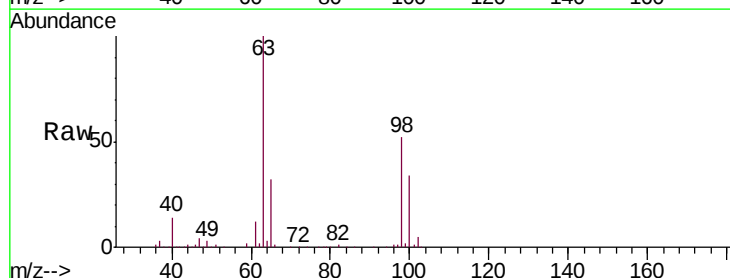
Tgt Ion: 96 Resp: 1769

Ion Ratio Lower Upper

96 100

61 1284.6 131.0 243.4#

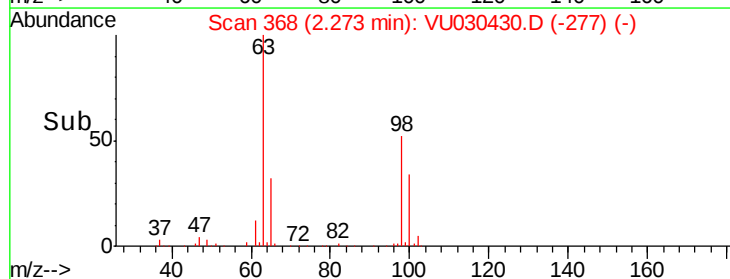
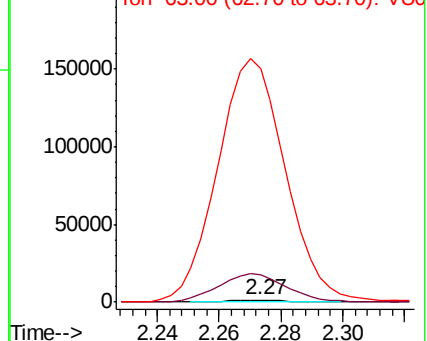
63 11124.3 92.4 171.6#

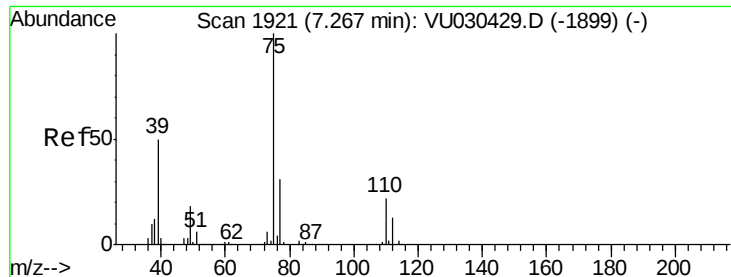


Abundance Ion 96.00 (95.70 to 96.70): VU030429.D (-358) (-)

Ion 61.00 (60.70 to 61.70): VU030429.D (-358) (-)

Ion 63.00 (62.70 to 63.70): VU030429.D (-358) (-)





#39

cis-1,3-Dichloropropene

Concen: 0.813 ug/L

RT: 7.22 min Scan# 1908

Delta R.T. -0.04 min

Lab File: VU030430.D

Acq: 26 Mar 2019 09:39

Instrument :

MSVOA_U

ClientSampleId :

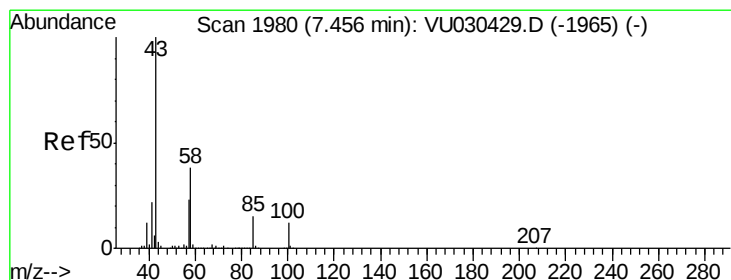
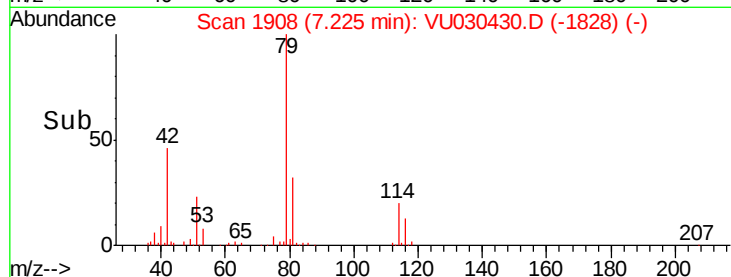
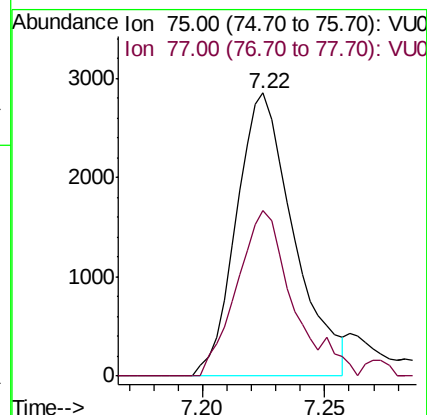
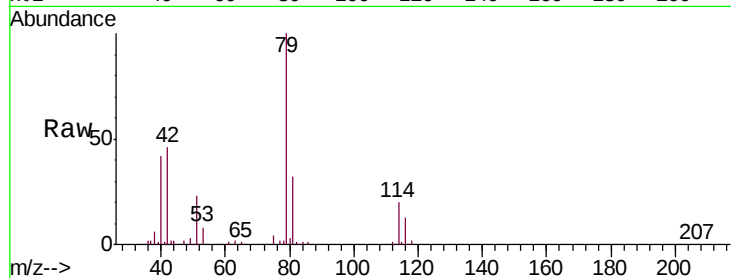
VBLK56

Tgt Ion: 75 Resp: 4660

Ion Ratio Lower Upper

75 100

77 58.6 21.8 40.6#



#40

4-Methyl-2-pentanone

Concen: 0.760 ug/L

RT: 7.47 min Scan# 1983

Delta R.T. 0.01 min

Lab File: VU030430.D

Acq: 26 Mar 2019 09:39

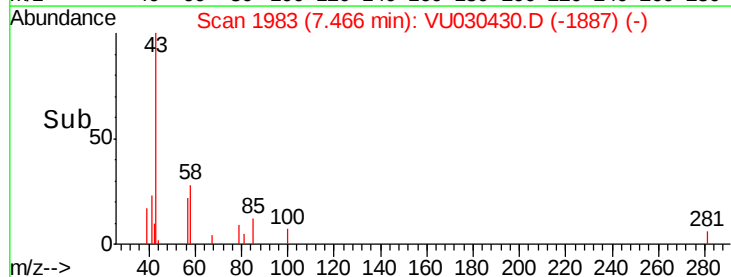
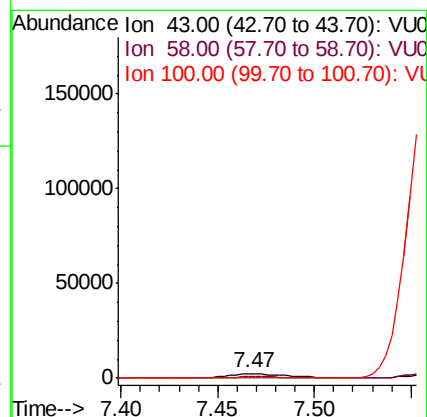
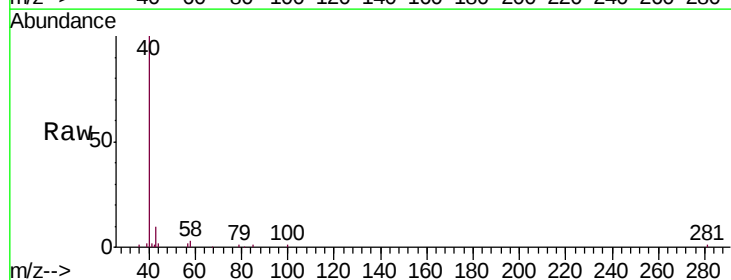
Tgt Ion: 43 Resp: 5093

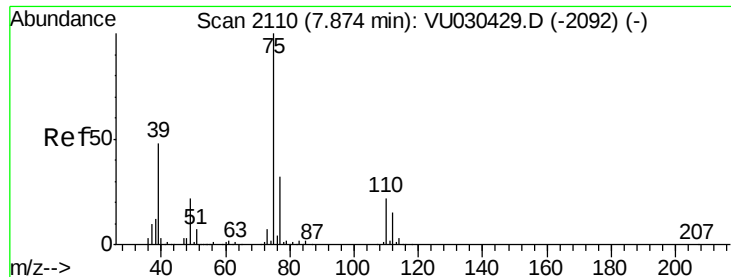
Ion Ratio Lower Upper

43 100

58 30.1 30.6 45.8#

100 5.5 9.5 14.3#

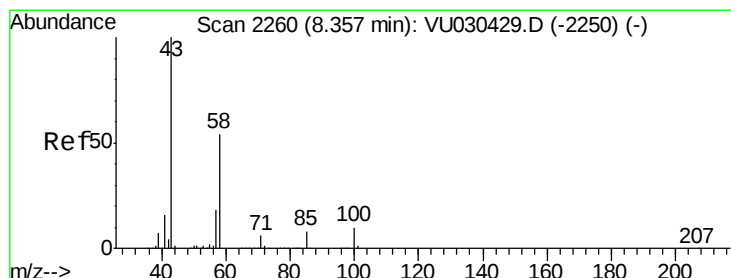
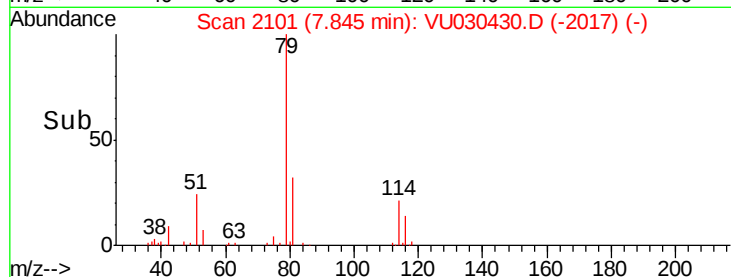
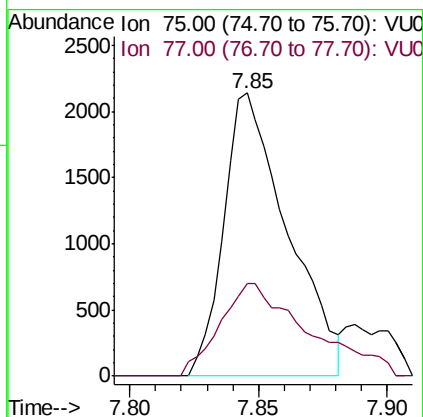
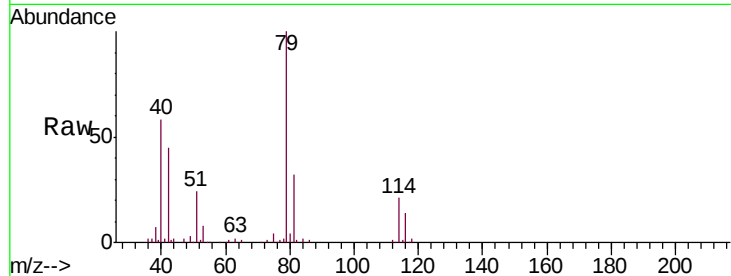




#44
trans-1,3-Dichloropropene
Concen: 0.729 ug/L
RT: 7.85 min Scan# 2101
Delta R.T. -0.03 min
Lab File: VU030430.D
Acq: 26 Mar 2019 09:39

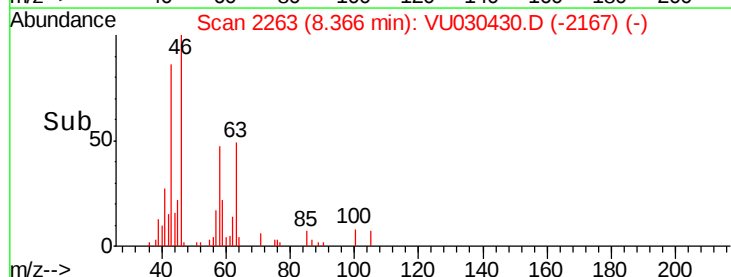
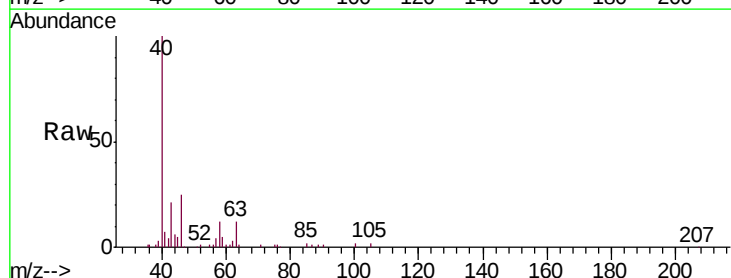
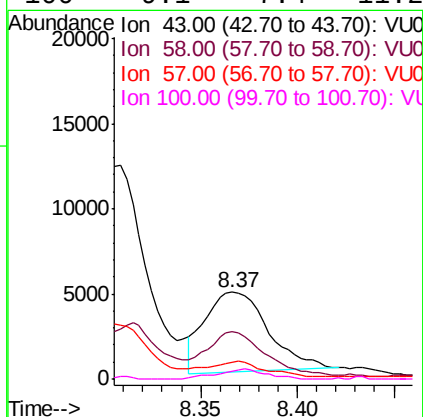
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ClientSampleId :
VBLK56

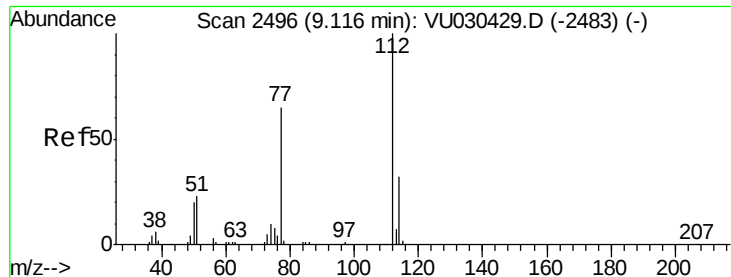
Tgt Ion: 75 Resp: 3678
Ion Ratio Lower Upper
75 100
77 32.8 22.0 40.8



#48
2-Hexanone
Concen: 1.942 ug/L
RT: 8.37 min Scan# 2263
Delta R.T. 0.01 min
Lab File: VU030430.D
Acq: 26 Mar 2019 09:39

Tgt Ion: 43 Resp: 10663
Ion Ratio Lower Upper
43 100
58 58.9 42.5 63.7
57 0.0 15.0 22.6#
100 9.1 7.4 11.2

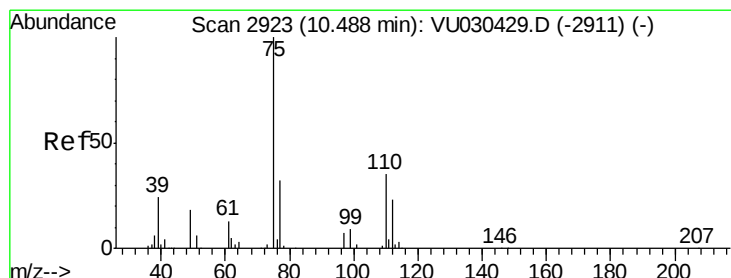
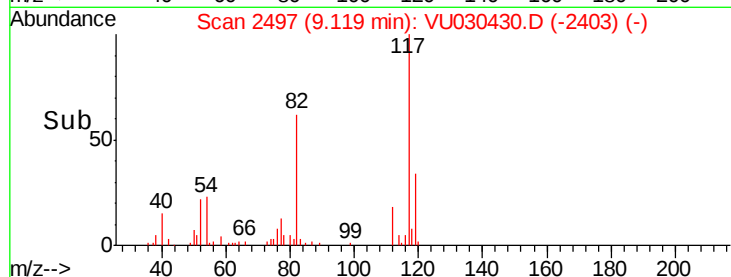
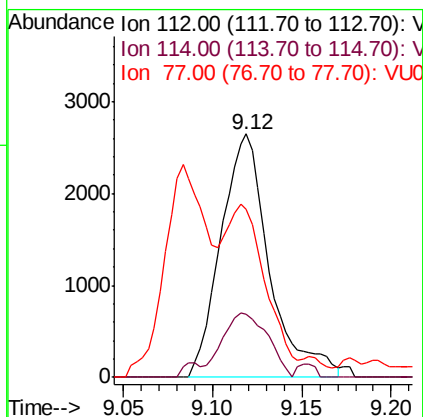
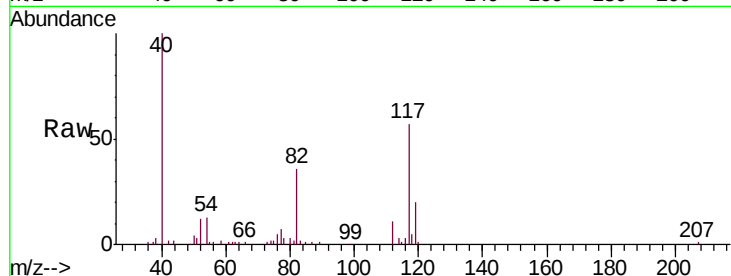




#51
Chlorobenzene
Concen: 0.566 ug/L
RT: 9.12 min Scan# 2497
Delta R.T. 0.00 min
Lab File: VU030430.D
Acq: 26 Mar 2019 09:39

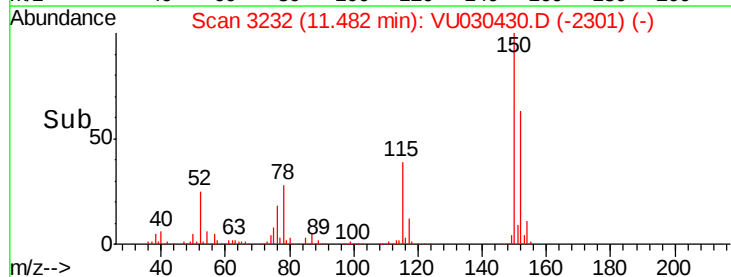
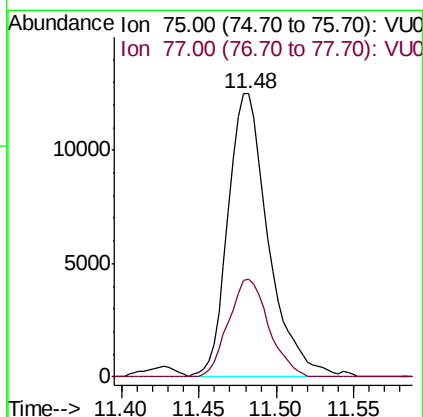
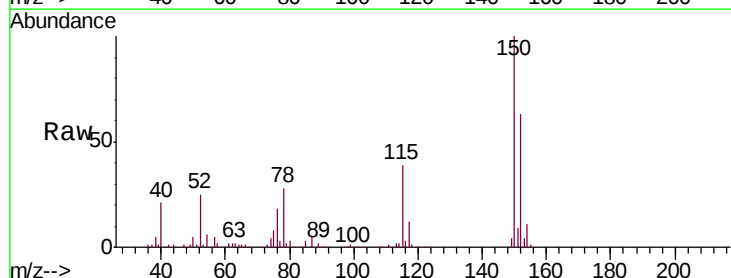
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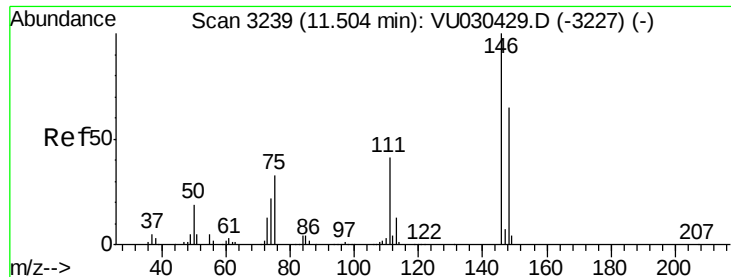
Tgt Ion: 112 Resp: 5000
Ion Ratio Lower Upper
112 100
114 25.8 21.5 39.9
77 69.1 51.4 77.0



#59
1,2,3-Trichloropropane
Concen: 4.663 ug/L
RT: 11.48 min Scan# 3232
Delta R.T. 0.99 min
Lab File: VU030430.D
Acq: 26 Mar 2019 09:39

Tgt Ion: 75 Resp: 22639
Ion Ratio Lower Upper
75 100
77 34.3 25.4 38.2

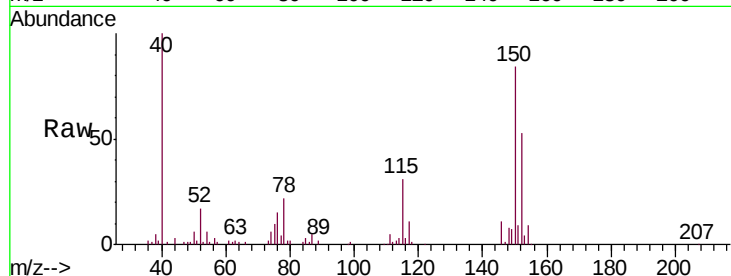




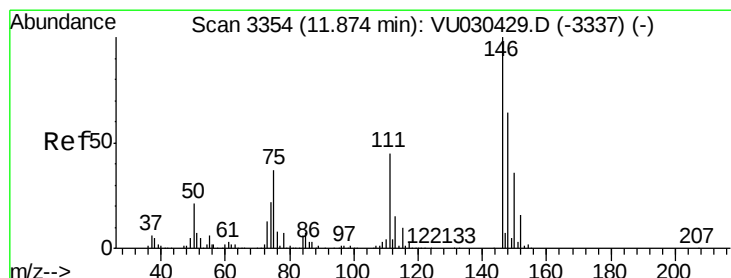
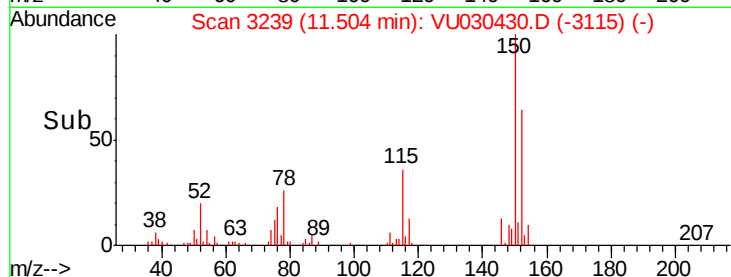
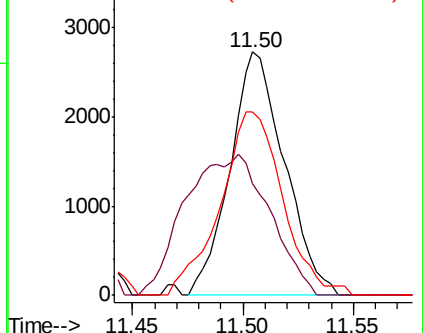
#63
 1,4-Dichlorobenzene
 Concen: 0.845 ug/L
 RT: 11.50 min Scan# 3239
 Delta R.T. -0.00 min
 Lab File: VU030430.D
 Acq: 26 Mar 2019 09:39

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK56

Tgt Ion:146 Resp: 4661
 Ion Ratio Lower Upper
 146 100
 111 46.1 28.7 53.3
 148 75.2 44.3 82.3

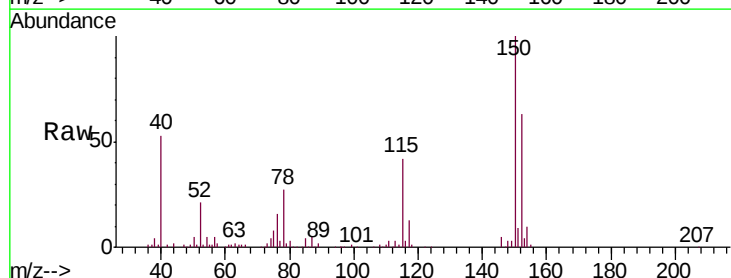


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

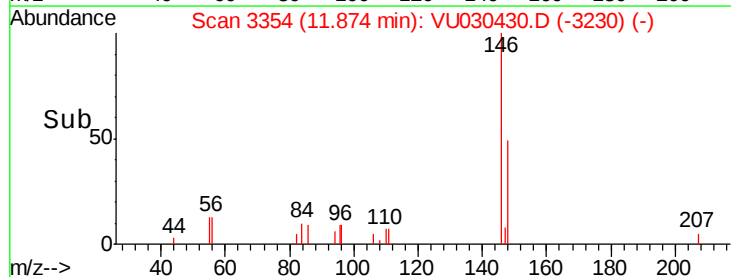
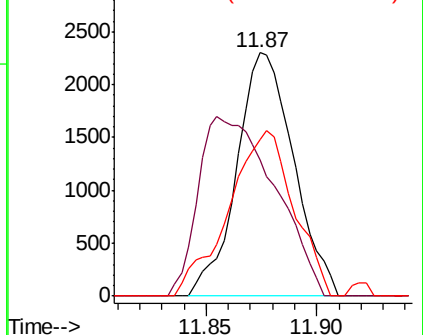


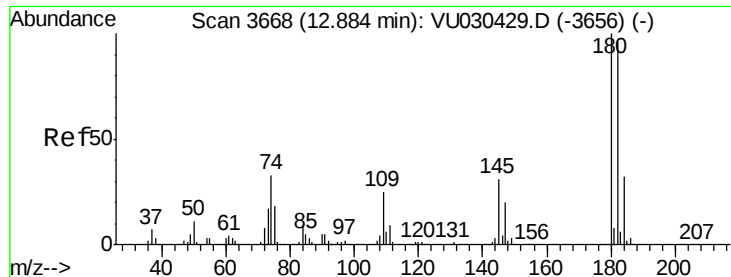
#65
 1,2-Dichlorobenzene
 Concen: 0.761 ug/L
 RT: 11.87 min Scan# 3354
 Delta R.T. -0.00 min
 Lab File: VU030430.D
 Acq: 26 Mar 2019 09:39

Tgt Ion:146 Resp: 4120
 Ion Ratio Lower Upper
 146 100
 111 55.7 34.9 52.3#
 148 64.2 51.2 76.8



Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

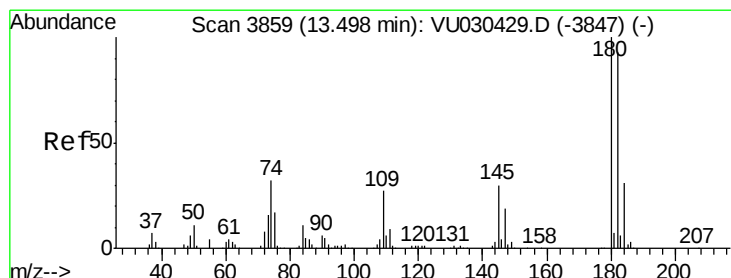
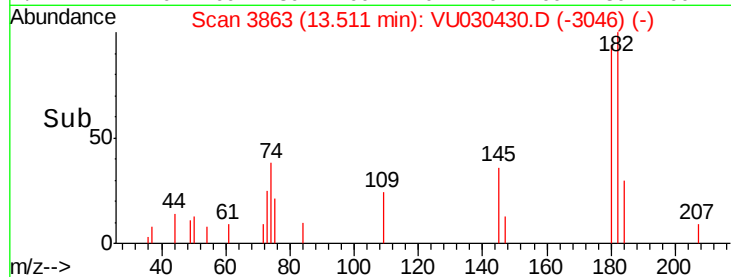
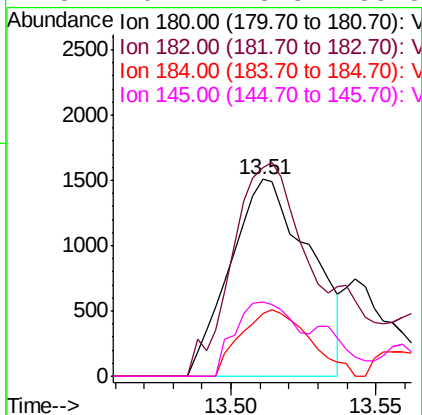
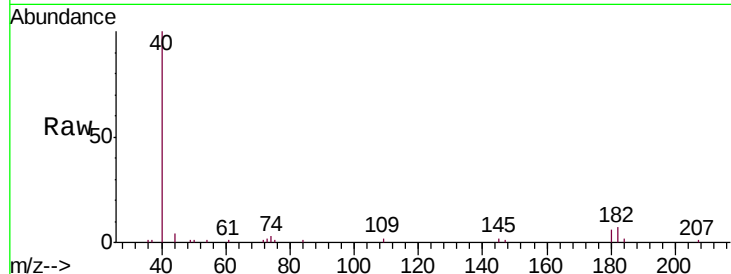




#67
 1,3,5-Trichlorobenzene
 Concen: 0.722 ug/L
 RT: 13.51 min Scan# 3863
 Delta R.T. 0.63 min
 Lab File: VU030430.D
 Acq: 26 Mar 2019 09:39

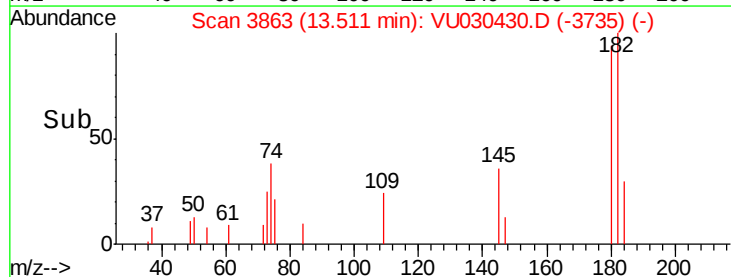
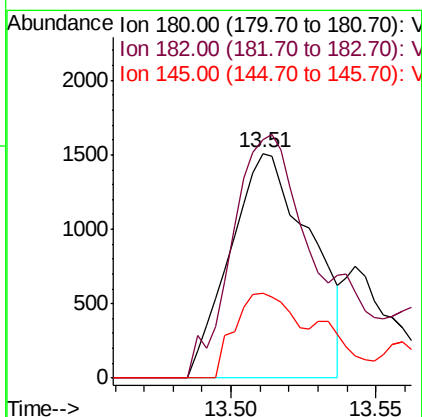
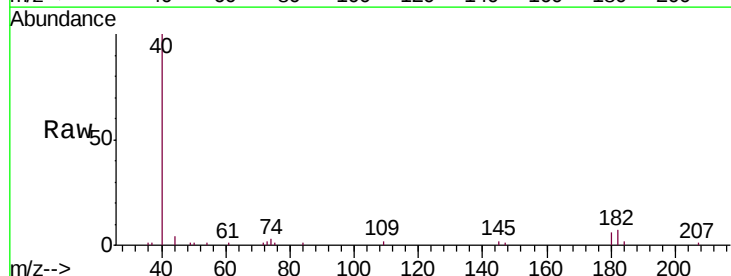
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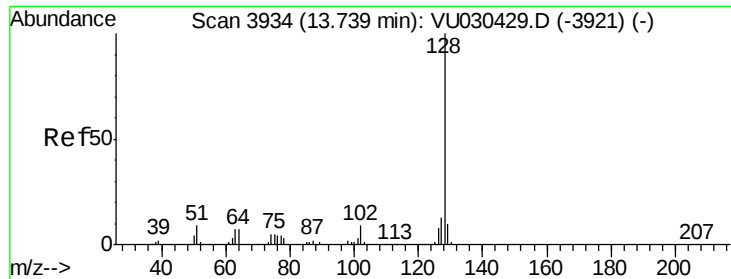
Tgt Ion:	180	Resp:	2896
Ion	Ratio	Lower	Upper
180	100		
182	82.1	75.9	113.9
184	28.9	24.1	36.1
145	29.1	23.8	35.8



#68
 1,2,4-trichlorobenzene
 Concen: 0.831 ug/L
 RT: 13.51 min Scan# 3863
 Delta R.T. 0.01 min
 Lab File: VU030430.D
 Acq: 26 Mar 2019 09:39

Tgt Ion:	180	Resp:	2896
Ion	Ratio	Lower	Upper
180	100		
182	82.1	76.1	114.1
145	29.1	24.5	36.7





#69

Naphthalene

Concen: 1.867 ug/L

RT: 13.75 min Scan# 3938

Delta R.T. 0.01 min

Lab File: VU030430.D

Acq: 26 Mar 2019 09:39

Instrument :

MSVOA_U

ClientSampleId :

VBLK56

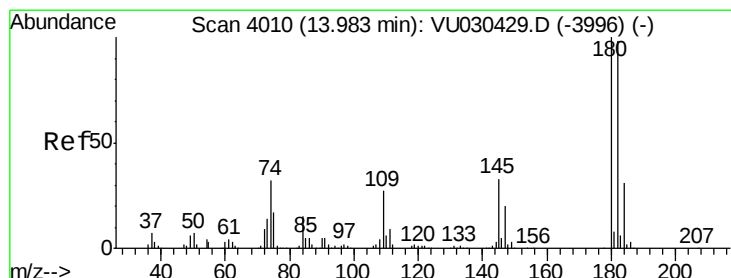
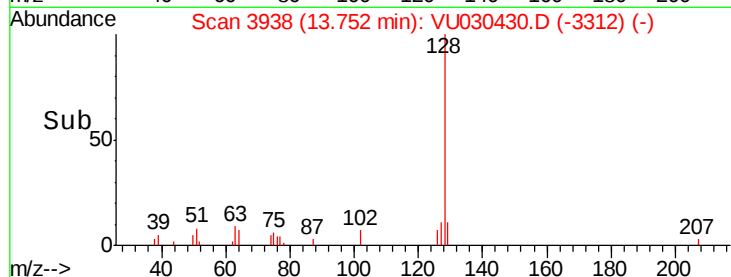
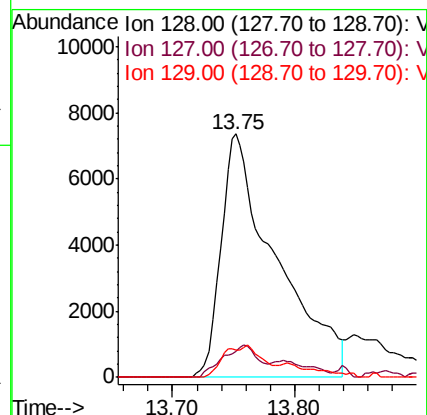
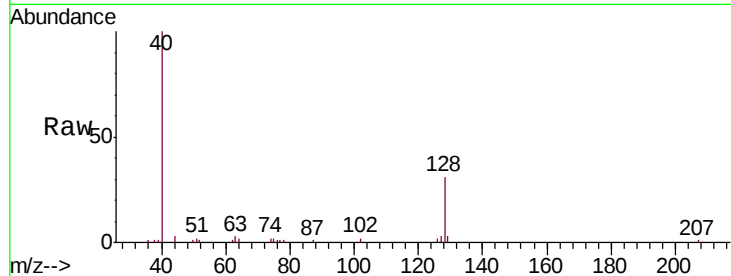
Tgt Ion:128 Resp: 23124

Ion Ratio Lower Upper

128 100

127 0.0 10.4 15.6#

129 4.4 8.4 12.6#



#70

1,2,3-Trichlorobenzene

Concen: 0.768 ug/L

RT: 13.99 min Scan# 4013

Delta R.T. 0.01 min

Lab File: VU030430.D

Acq: 26 Mar 2019 09:39

Tgt Ion:180 Resp: 2827

Ion Ratio Lower Upper

180 100

182 152.7 77.4 116.2#

145 37.8 25.9 38.9

