

Data File : VU030435.D
Acq On : 26 Mar 2019 11:37
Operator : JC/SP
Sample : K2070-15DL 400X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C09E1DL

Quant Time: Mar 27 04:33:25 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	448087	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	438738	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	180206	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	198873	55.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	110.30%
7) Chloroethane-d5	1.68	69	156990	54.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	109.84%
11) 1,1-Dichloroethene-d2	2.27	63	274370	40.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.22%
21) 2-Butanone-d5	4.17	46	343633	101.37	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.37%
24) Chloroform-d	4.64	84	319635	51.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.88%
26) 1,2-Dichloroethane-d4	5.31	65	215689	53.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.10%
32) Benzene-d6	5.34	84	661289	52.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.12%
36) 1,2-Dichloropropane-d6	6.33	67	231169	53.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	107.40%
41) Toluene-d8	7.56	98	568183	50.28	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.56%
43) trans-1,3-Dichloropropene-	7.85	79	98093	48.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.92%
47) 2-Hexanone-d5	8.31	63	213627	91.58	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.58%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	299804	48.67	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.34%
64) 1,2-Dichlorobenzene-d4	11.86	152	190616	52.79	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.58%

Target Compounds

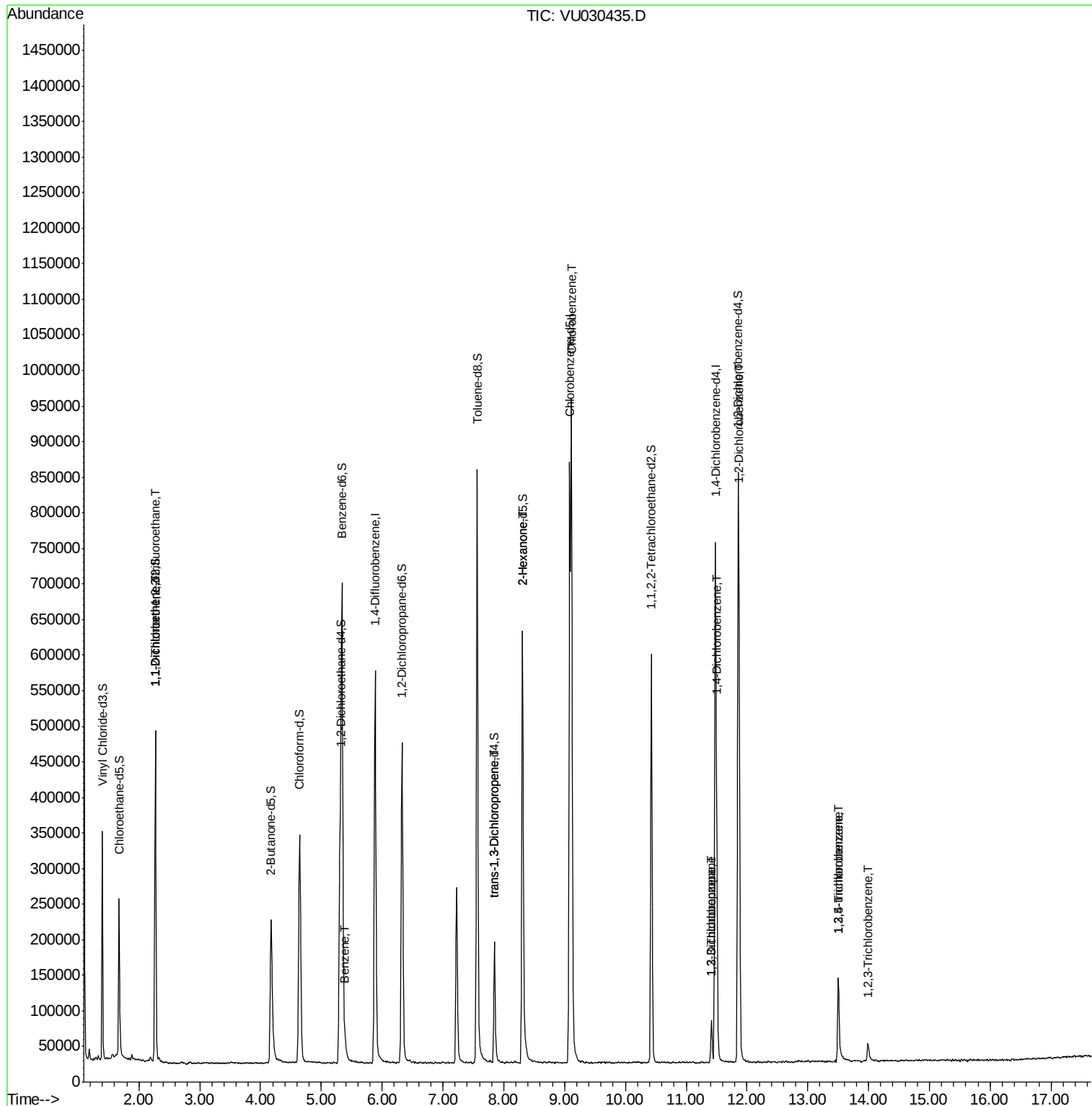
						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2263	0.692	ug/L #	23
12) 1,1-Dichloroethene	2.27	96	1993	0.622	ug/L #	1
33) Benzene	5.39	78	26981	1.807	ug/L	100
44) trans-1,3-Dichloropropene	7.85	75	4115	0.768	ug/L	90
48) 2-Hexanone	8.31	43	25353	4.345	ug/L #	71
51) Chlorobenzene	9.12	112	470969	50.135	ug/L	99
59) 1,2,3-Trichloropropane	11.42	75	8399	1.628	ug/L #	43
62) 1,3-Dichlorobenzene	11.42	146	23934	4.061	ug/L	98
63) 1,4-Dichlorobenzene	11.50	146	105071	17.319	ug/L	98
65) 1,2-Dichlorobenzene	11.87	146	137382	23.055	ug/L	99
67) 1,3,5-Trichlorobenzene	13.50	180	41198	9.338	ug/L	98
68) 1,2,4-trichlorobenzene	13.50	180	41198	10.747	ug/L	97
70) 1,2,3-Trichlorobenzene	13.99	180	11626	2.872	ug/L	91

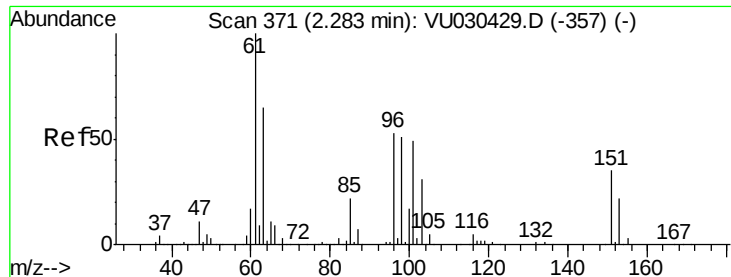
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.692 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU030435.D

Acq: 26 Mar 2019 11:37

Instrument :

MSVOA_U

ClientSampleId :

C09E1DL

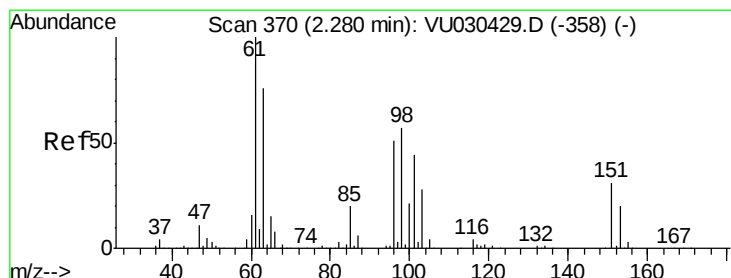
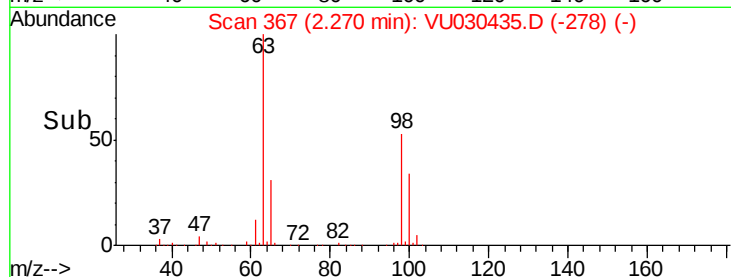
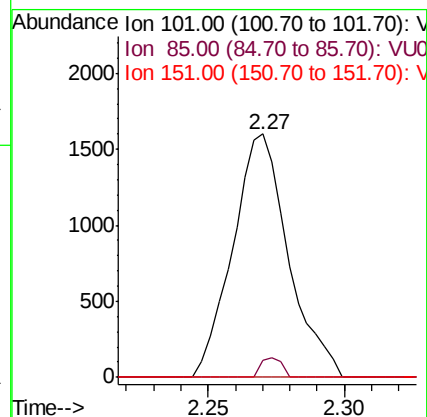
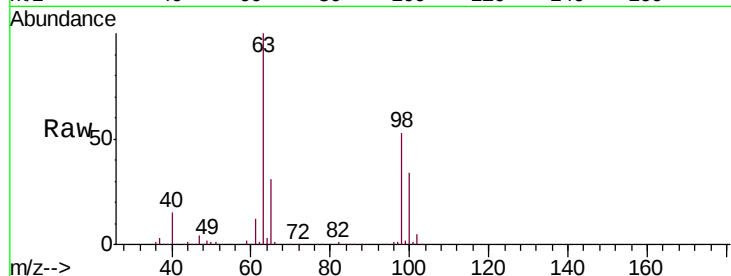
Tgt Ion: 101 Resp: 2263

Ion Ratio Lower Upper

101 100

85 3.0 34.8 52.2#

151 0.0 56.6 85.0#



#12

1,1-Dichloroethene

Concen: 0.622 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU030435.D

Acq: 26 Mar 2019 11:37

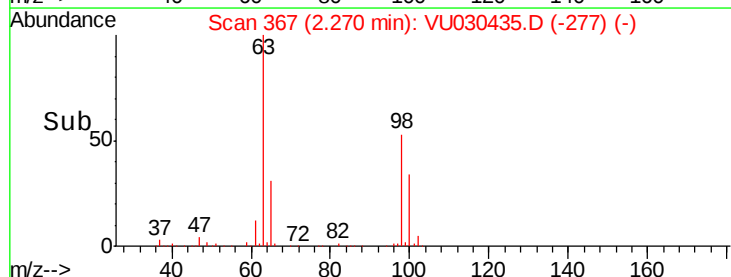
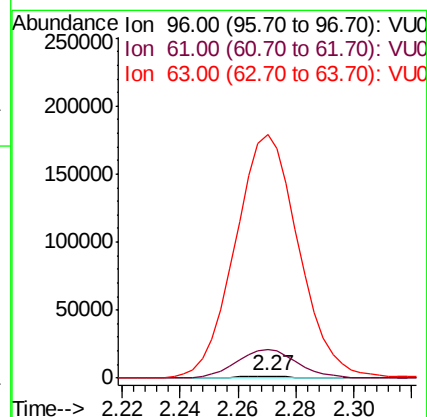
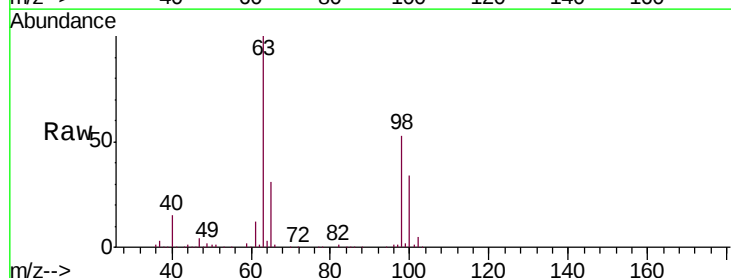
Tgt Ion: 96 Resp: 1993

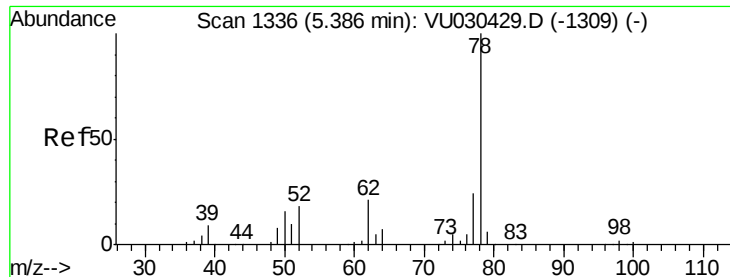
Ion Ratio Lower Upper

96 100

61 1635.5 131.0 243.4#

63 13706.6 92.4 171.6#





#33

Benzene

Concen: 1.807 ug/L

RT: 5.39 min Scan# 1338

Delta R.T. 0.01 min

Lab File: VU030435.D

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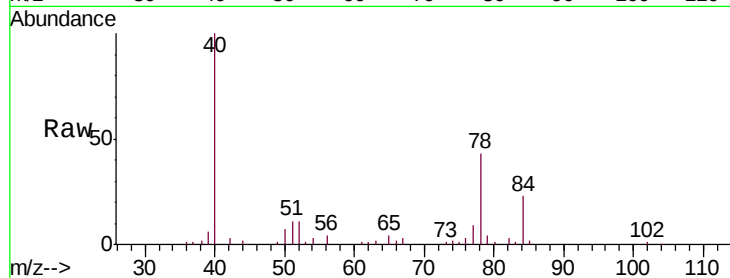
Instrument :

MSVOA_U

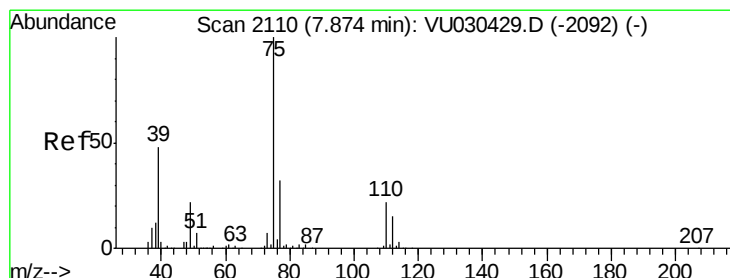
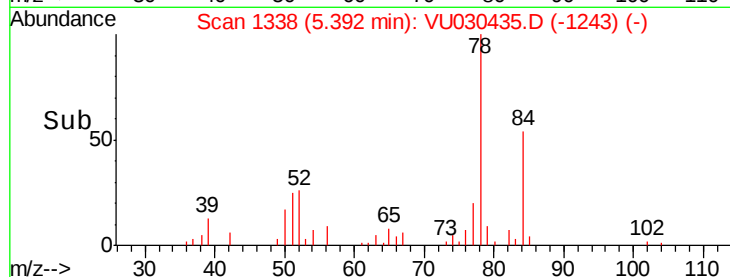
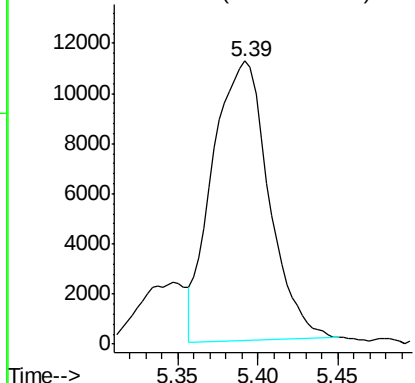
ClientSampleId :

C09E1DL

Tgt Ion: 78 Resp: 26981



Abundance Ion 78.00 (77.70 to 78.70): VU0



#44

trans-1,3-Dichloropropene

Concen: 0.768 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU030435.D

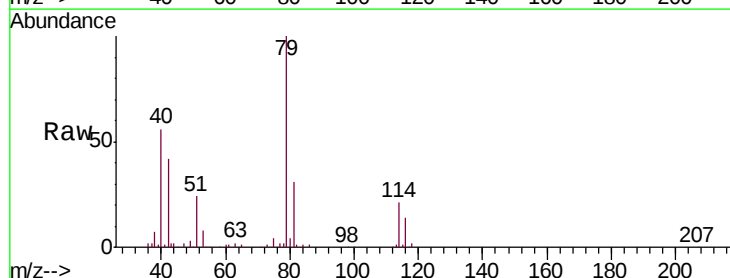
Acq: 26 Mar 2019 11:37

Tgt Ion: 75 Resp: 4115

Ion Ratio Lower Upper

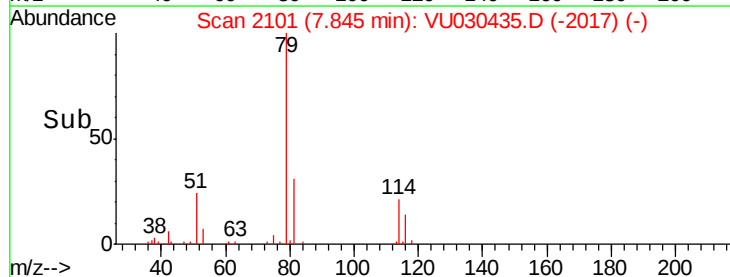
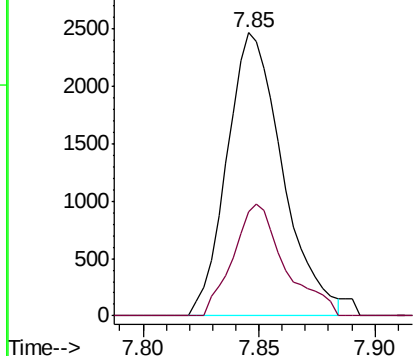
75 100

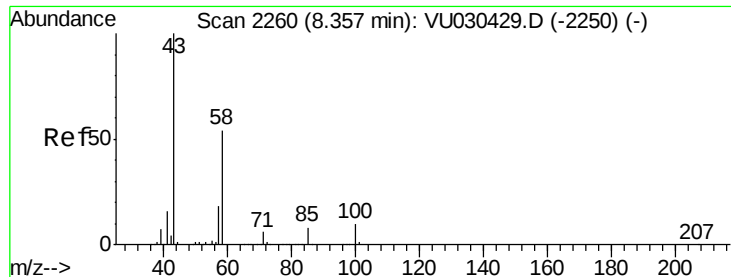
77 37.0 22.0 40.8



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

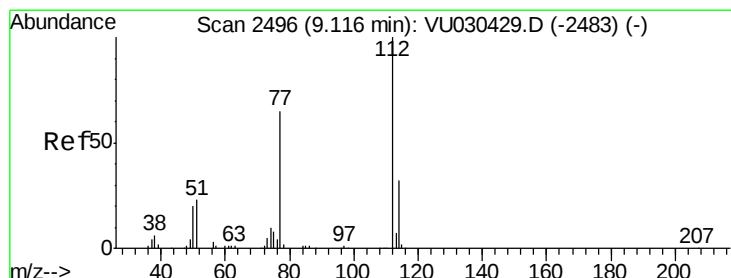
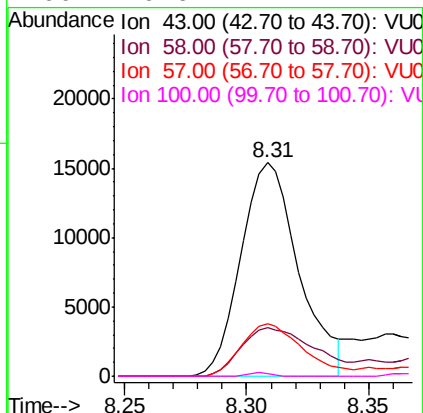
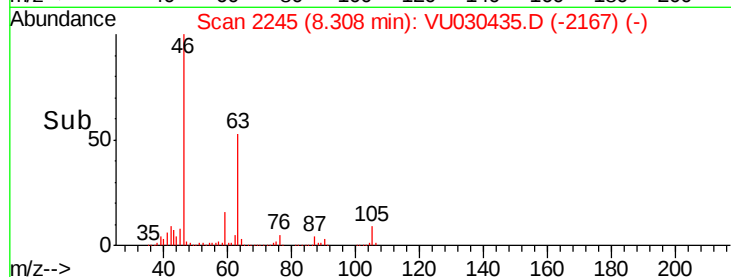
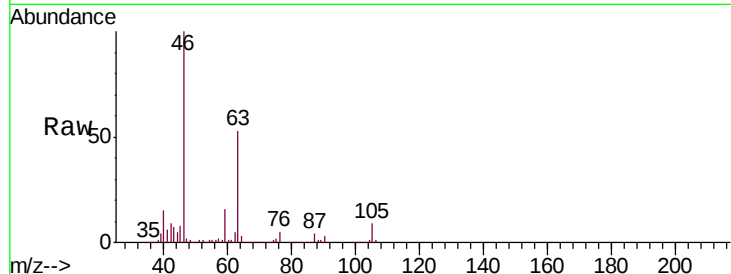




#48
2-Hexanone
Concen: 4.345 ug/L
RT: 8.31 min Scan# 2245
Delta R.T. -0.05 min
Lab File: VU030435.D
Acq: 26 Mar 2019 11:37

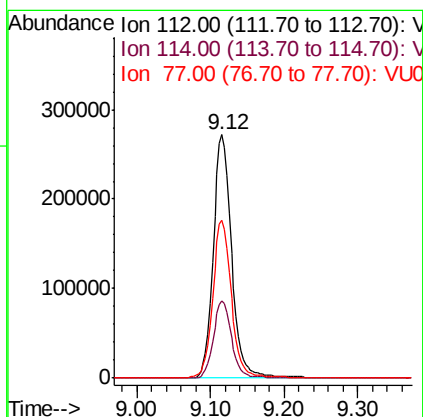
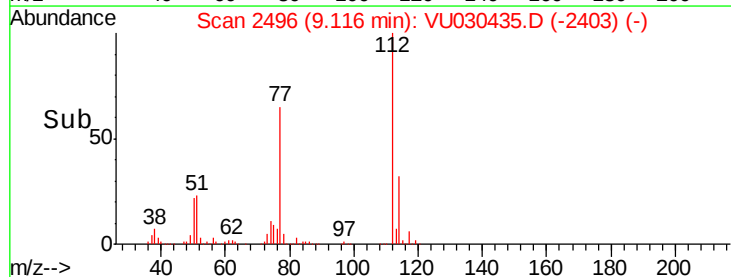
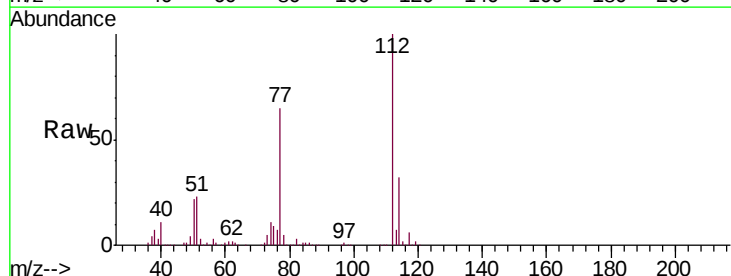
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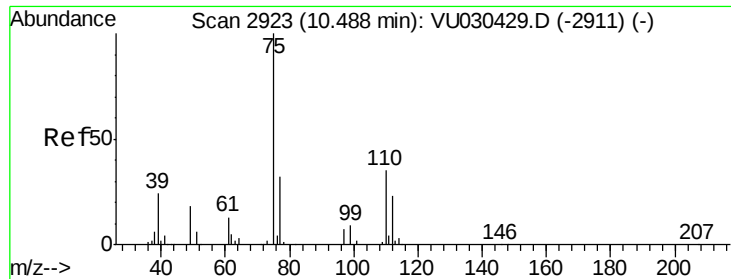
Tgt Ion: 43 Resp: 25353
Ion Ratio Lower Upper
43 100
58 29.1 42.5 63.7#
57 26.2 15.0 22.6#
100 0.6 7.4 11.2#



#51
Chlorobenzene
Concen: 50.135 ug/L
RT: 9.12 min Scan# 2496
Delta R.T. 0.00 min
Lab File: VU030435.D
Acq: 26 Mar 2019 11:37

Tgt Ion: 112 Resp: 470969
Ion Ratio Lower Upper
112 100
114 31.9 21.5 39.9
77 64.9 51.4 77.0

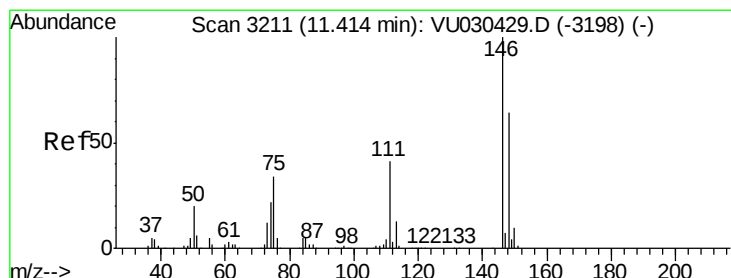
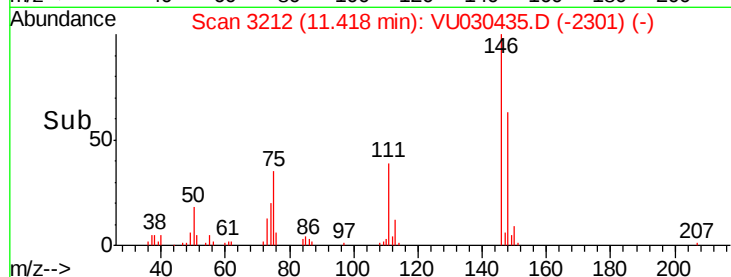
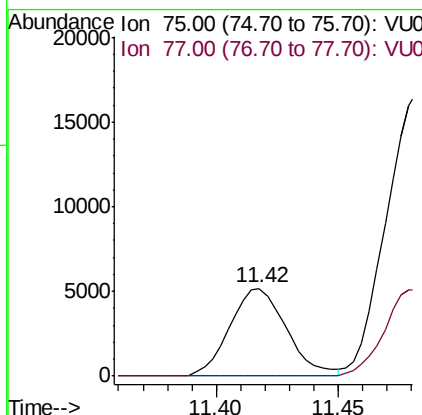
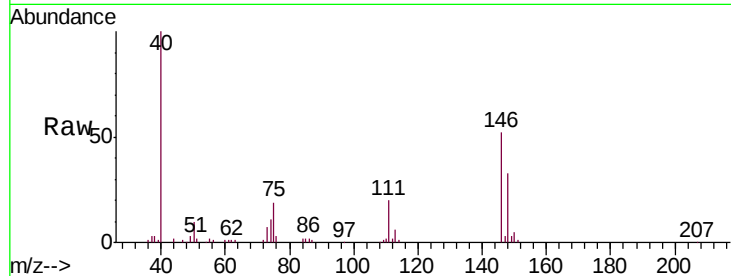




#59
 1,2,3-Trichloropropane
 Concen: 1.628 ug/L
 RT: 11.42 min Scan# 3212
 Delta R.T. 0.93 min
 Lab File: VU030435.D
 Acq: 26 Mar 2019 11:37

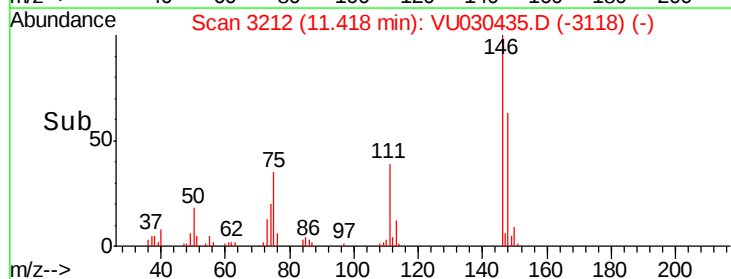
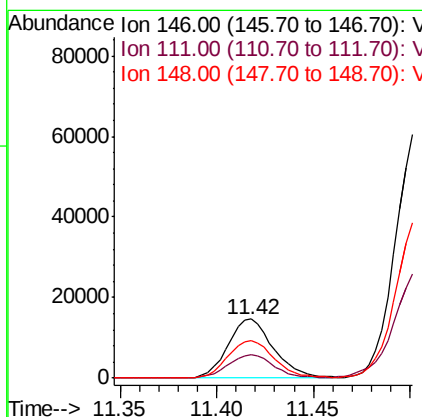
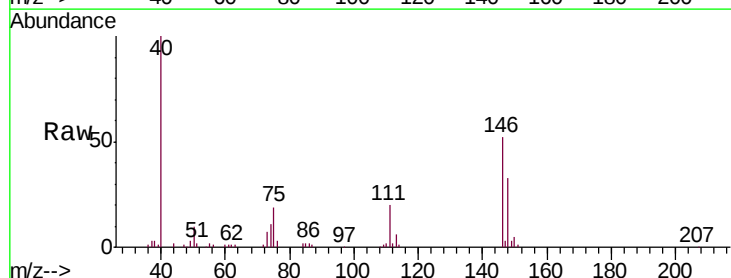
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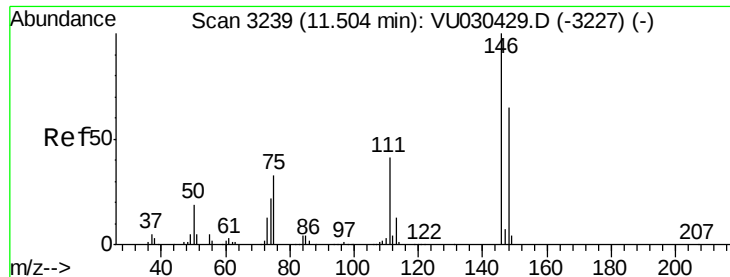
Tgt Ion: 75 Resp: 8399
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.4 38.2#



#62
 1,3-Dichlorobenzene
 Concen: 4.061 ug/L
 RT: 11.42 min Scan# 3212
 Delta R.T. 0.00 min
 Lab File: VU030435.D
 Acq: 26 Mar 2019 11:37

Tgt Ion: 146 Resp: 23934
 Ion Ratio Lower Upper
 146 100
 111 39.0 29.2 54.2
 148 63.0 44.4 82.4

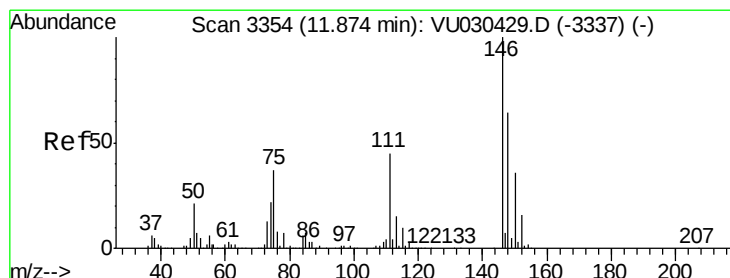
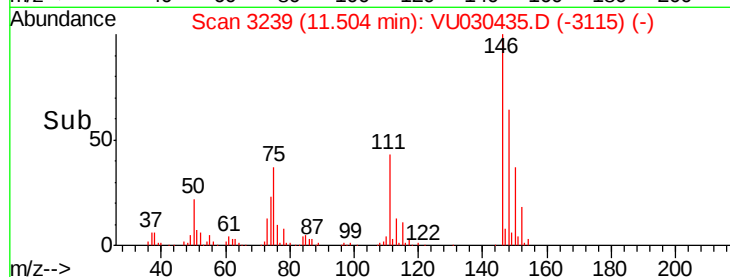
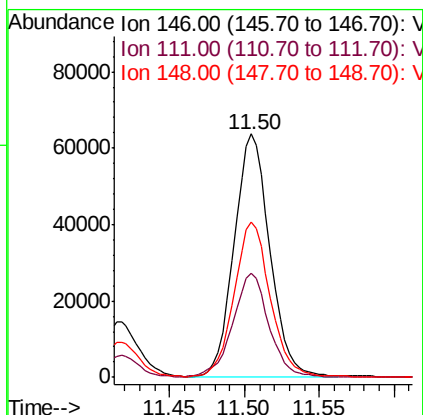
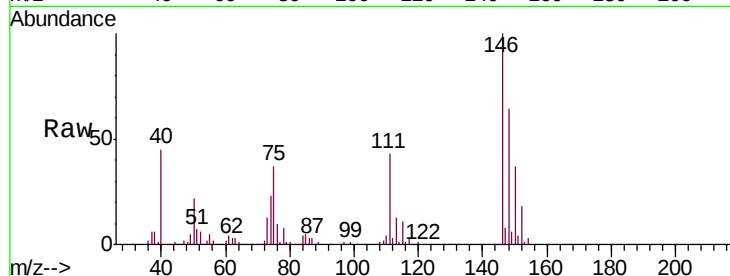




#63
 1,4-Dichlorobenzene
 Concen: 17.319 ug/L
 RT: 11.50 min Scan# 3239
 Delta R.T. 0.00 min
 Lab File: VU030435.D
 Acq: 26 Mar 2019 11:37

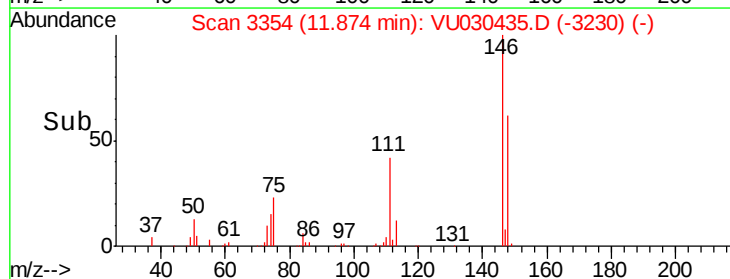
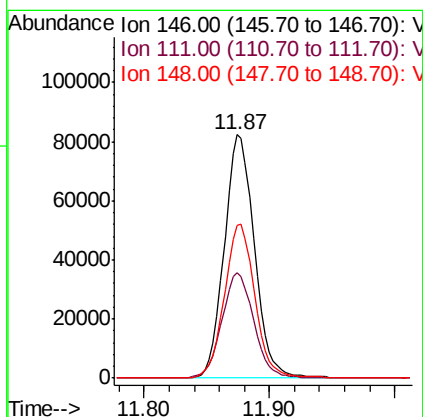
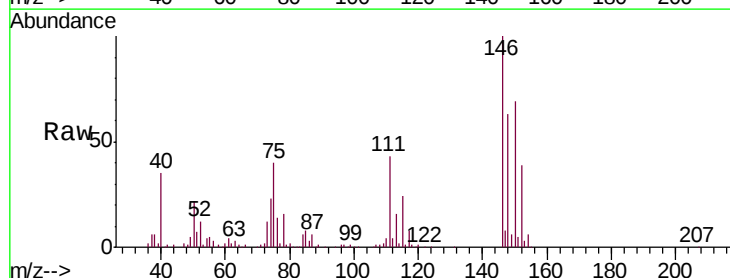
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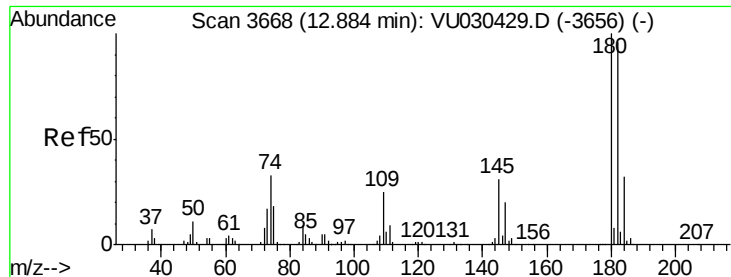
Tgt Ion:146 Resp: 105071
 Ion Ratio Lower Upper
 146 100
 111 42.8 28.7 53.3
 148 64.0 44.3 82.3



#65
 1,2-Dichlorobenzene
 Concen: 23.055 ug/L
 RT: 11.87 min Scan# 3354
 Delta R.T. 0.00 min
 Lab File: VU030435.D
 Acq: 26 Mar 2019 11:37

Tgt Ion:146 Resp: 137382
 Ion Ratio Lower Upper
 146 100
 111 43.3 34.9 52.3
 148 62.9 51.2 76.8

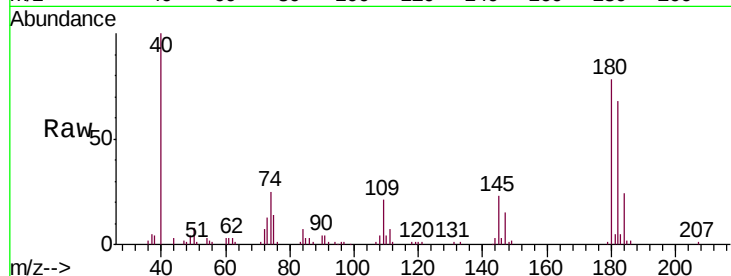




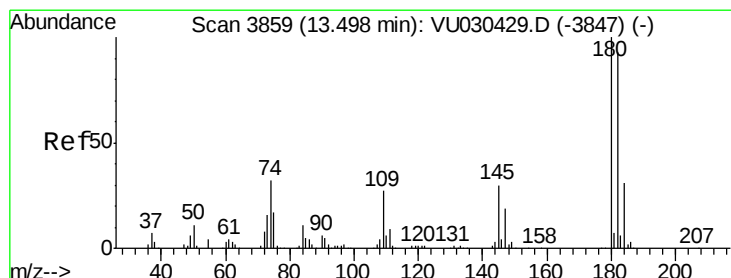
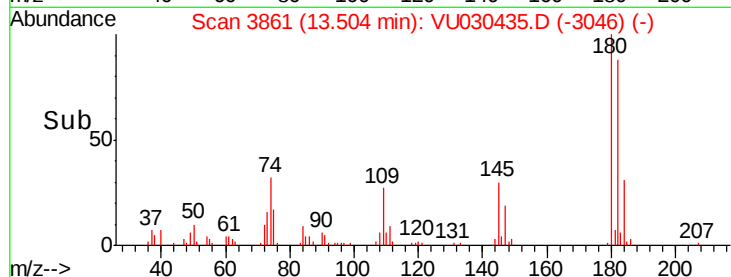
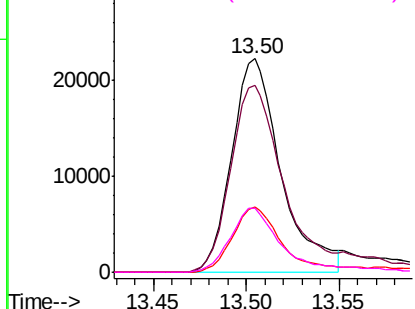
#67
 1,3,5-Trichlorobenzene
 Concen: 9.338 ug/L
 RT: 13.50 min Scan# 3861
 Delta R.T. 0.62 min
 Lab File: VU030435.D
 Acq: 26 Mar 2019 11:37

Instrument :
 MSVOA_U
 ClientSampleId :
 C09E1DL

Tgt Ion:180 Resp: 41198
 Ion Ratio Lower Upper
 180 100
 182 92.6 75.9 113.9
 184 30.6 24.1 36.1
 145 32.0 23.8 35.8

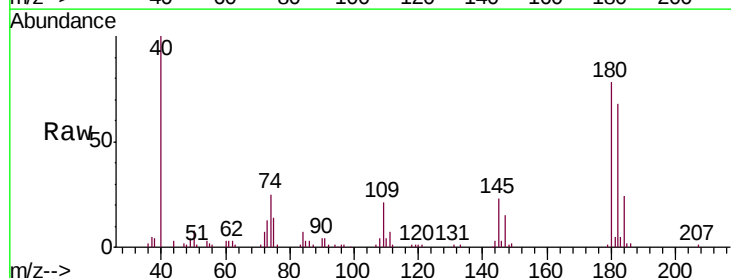


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

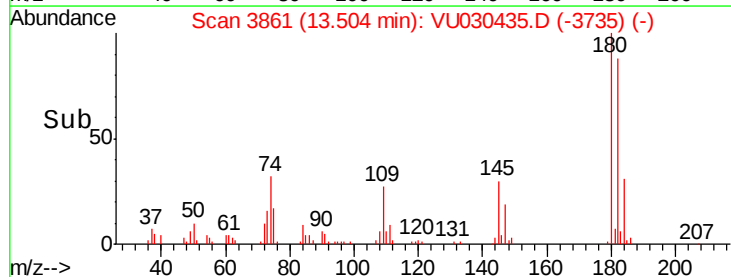
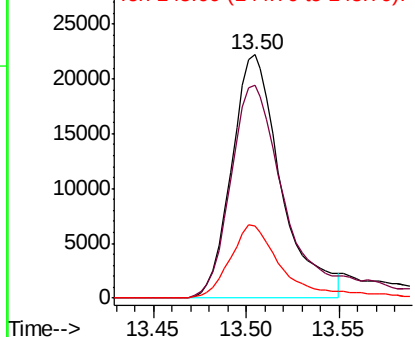


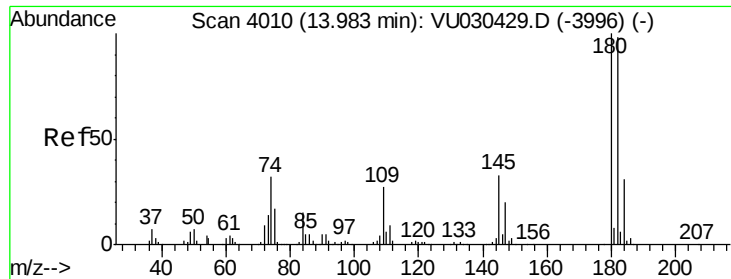
#68
 1,2,4-trichlorobenzene
 Concen: 10.747 ug/L
 RT: 13.50 min Scan# 3861
 Delta R.T. 0.01 min
 Lab File: VU030435.D
 Acq: 26 Mar 2019 11:37

Tgt Ion:180 Resp: 41198
 Ion Ratio Lower Upper
 180 100
 182 92.6 76.1 114.1
 145 32.0 24.5 36.7



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





#70
 1,2,3-Trichlorobenzene
 Concen: 2.872 ug/L
 RT: 13.99 min Scan# 4012
 Delta R.T. 0.01 min
 Lab File: VU030435.D
 Acq: 26 Mar 2019 11:37

Instrument :
 MSVOA_U
 ClientSampleId :
 C09E1DL

Tgt Ion	Resp	Lower	Upper
180	11626		
182	105.9	77.4	116.2
145	27.8	25.9	38.9

