

Data File : VU030075.D
Acq On : 14 Mar 2019 15:41
Operator : JC/SP
Sample : K1859-05 100X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BR0

Quant Time: Mar 15 01:27:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 15 01:21:27 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	511815	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	509494	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	261823	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	164473	48.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.16%
7) Chloroethane-d5	1.68	69	131607	48.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.32%
11) 1,1-Dichloroethene-d2	2.27	63	218231	35.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.42%
21) 2-Butanone-d5	4.17	46	219605	86.58	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.58%
24) Chloroform-d	4.64	84	280279	46.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.30%
26) 1,2-Dichloroethane-d4	5.31	65	168262	47.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.92%
32) Benzene-d6	5.34	84	611218	46.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.20%
36) 1,2-Dichloropropane-d6	6.33	67	187928	46.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.64%
41) Toluene-d8	7.56	98	556061	45.28	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.56%
43) trans-1,3-Dichloropropene-	7.85	79	86106	44.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.58%
47) 2-Hexanone-d5	8.31	63	187938	83.68	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.68%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	263319	42.69	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.38%
64) 1,2-Dichlorobenzene-d4	11.86	152	237204	46.77	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.54%

Target Compounds

						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2449	0.728	ug/L #	20
12) 1,1-Dichloroethene	2.27	96	1985	0.619	ug/L #	1
25) Chloroform	4.68	83	10251	1.628	ug/L	93
27) 1,2-Dichloroethane	5.39	62	4577	1.011	ug/L #	71
31) Carbon tetrachloride	5.13	117	3059	0.623	ug/L	93
33) Benzene	5.39	78	570344	39.120	ug/L	100
39) cis-1,3-Dichloropropene	7.22	75	4731	0.793	ug/L #	76
44) trans-1,3-Dichloropropene	7.85	75	3137	0.576	ug/L #	54
51) Chlorobenzene	9.12	112	2460560	230.244	ug/L	99
62) 1,3-Dichlorobenzene	11.41	146	109536	12.954	ug/L	99
63) 1,4-Dichlorobenzene	11.50	146	959486	111.597	ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	1235612	145.177	ug/L	100
67) 1,3,5-Trichlorobenzene	13.50	180	160909	24.518	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	160909	26.804	ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	44633	7.157	ug/L	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031519\
Quantitation Report (Not Reviewed)

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Quant Title : VOC Analysis
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

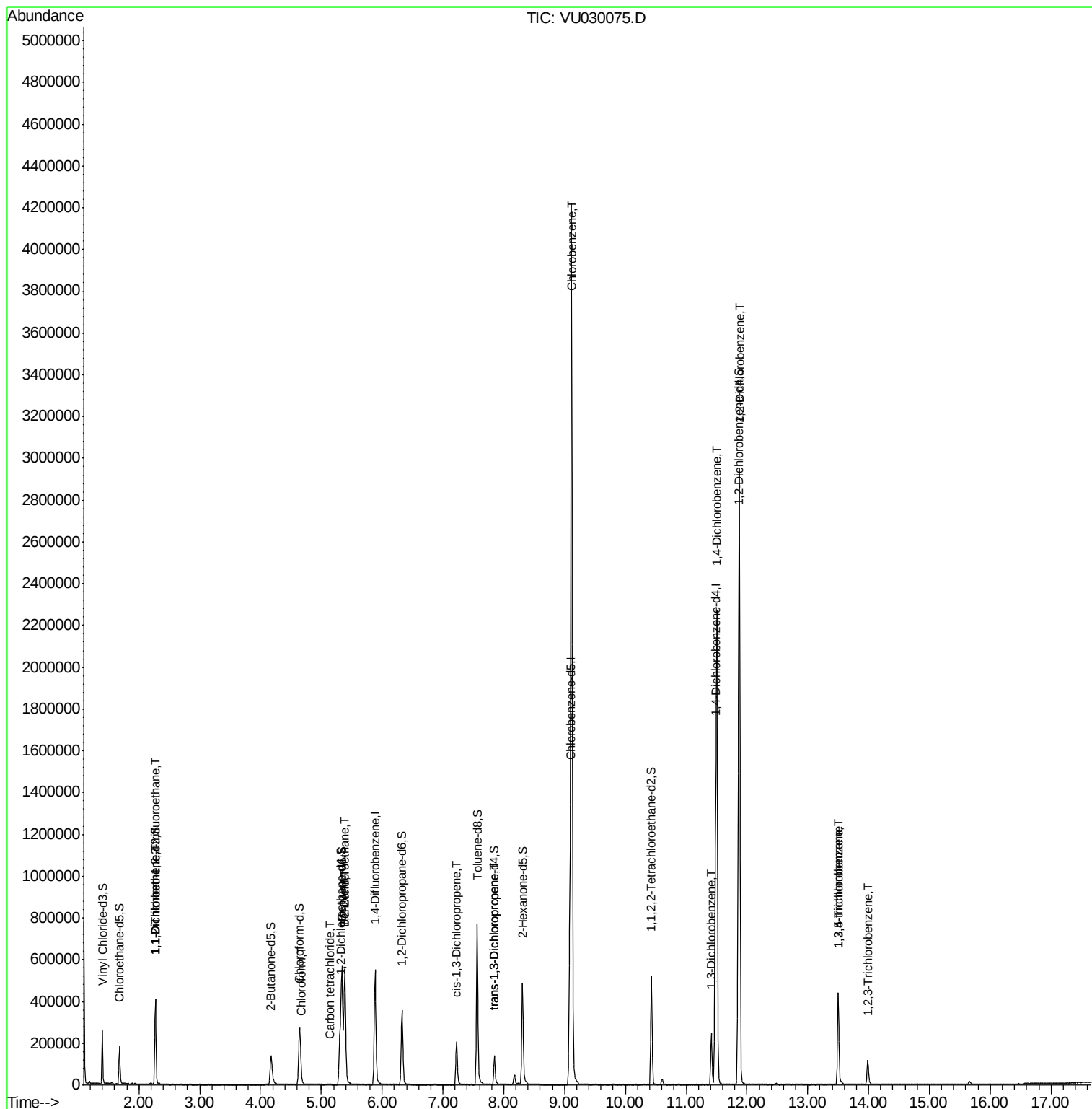
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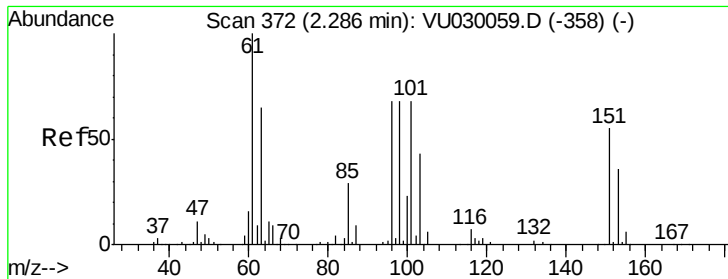
Data File : VU030075.D

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M
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QLast Update : Fri Mar 15 01:21:27 2019
Response via : Initial Calibration





#10

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

Concen: 0.728 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU030075.D

Acq: 14 Mar 2019 15:41

Instrument :

MSVOA_U

ClientSampleId :

C0BR0

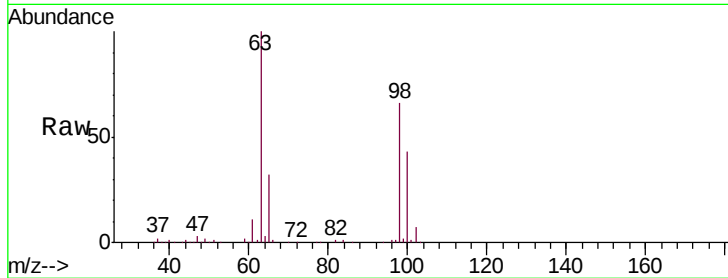
Tgt Ion:101 Resp: 2449

Ion Ratio Lower Upper

101 100

85 0.0 33.0 49.4#

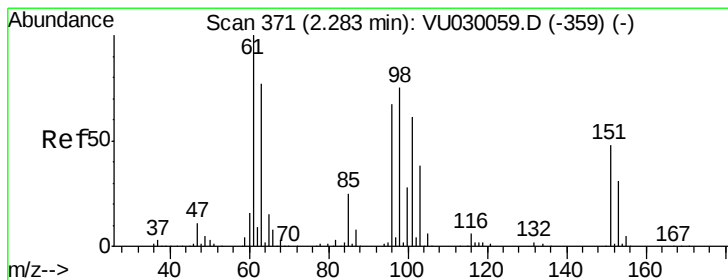
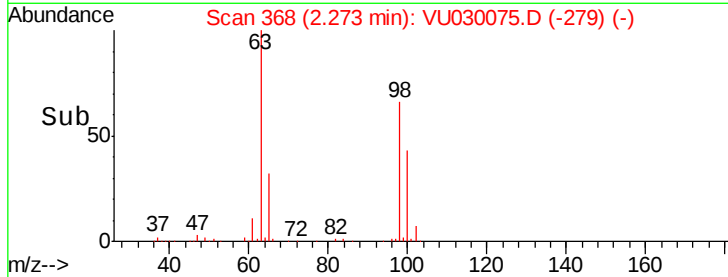
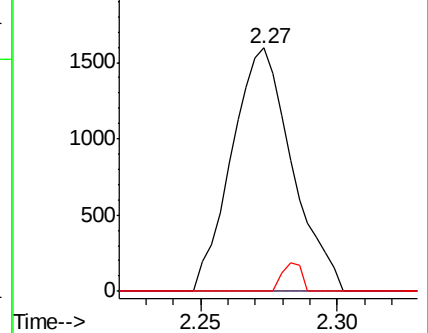
151 3.8 66.1 99.1#



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: 0.619 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU030075.D

Acq: 14 Mar 2019 15:41

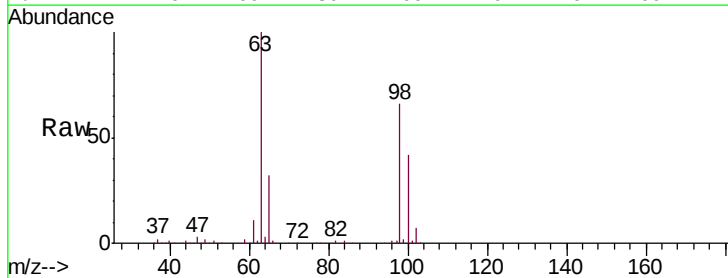
Tgt Ion: 96 Resp: 1985

Ion Ratio Lower Upper

96 100

61 1368.0 110.4 205.0#

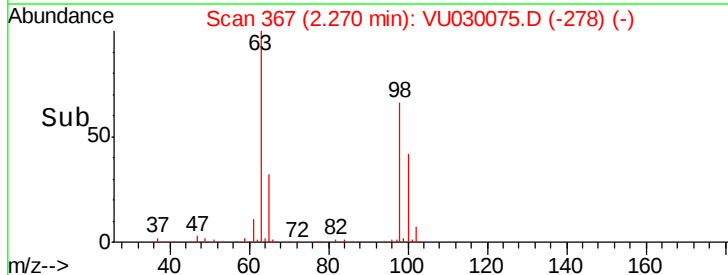
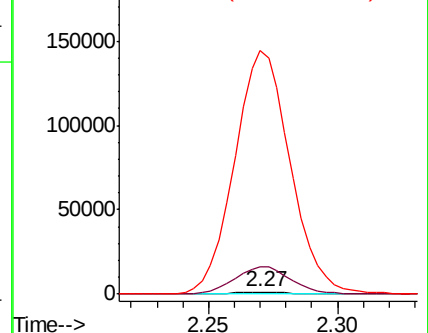
63 12128.3 86.5 160.7#

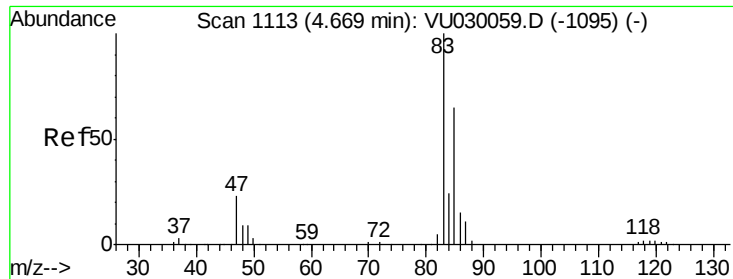


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0

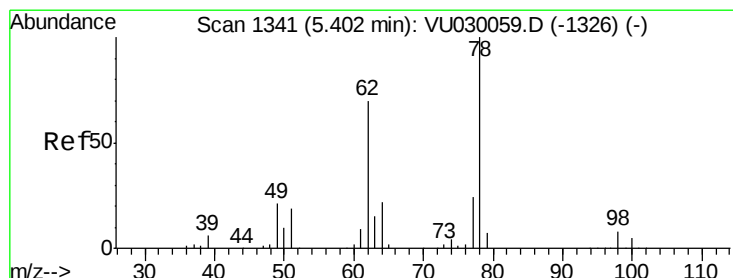
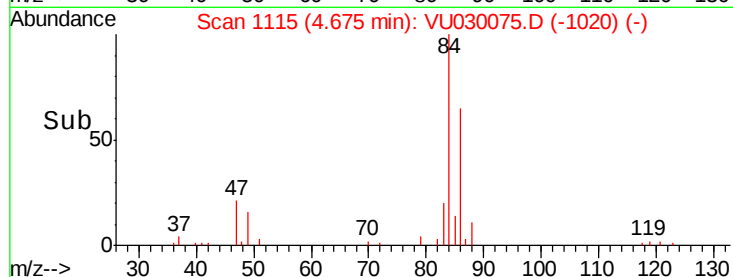
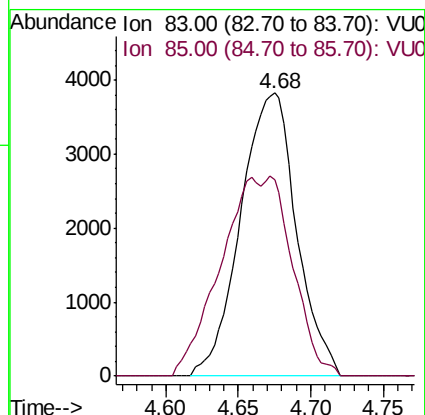
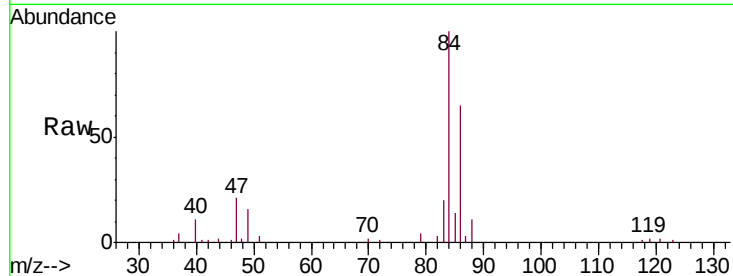




#25
Chloroform
Concen: 1.628 ug/L
RT: 4.68 min Scan# 1115
Delta R.T. 0.01 min
Lab File: VU030075.D
Acq: 14 Mar 2019 15:41

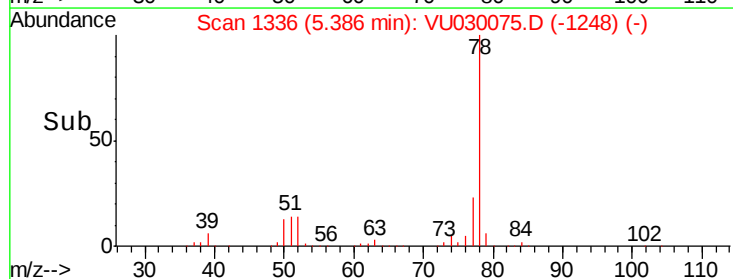
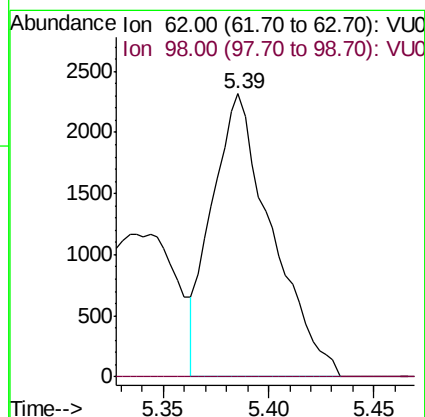
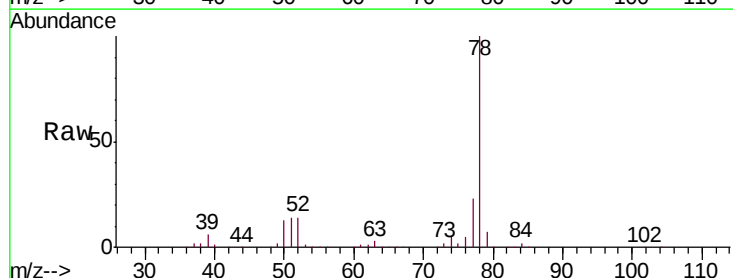
Instrument :
MSVOA_U
ClientSampleId :
C0BR0

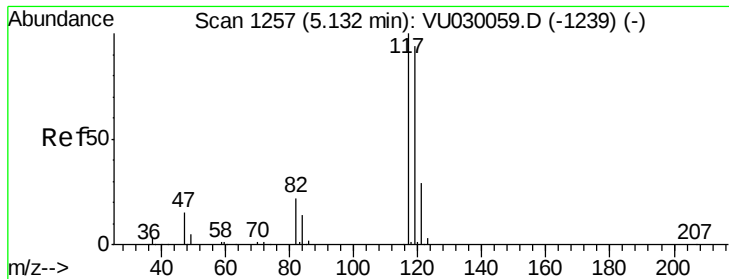
Tgt Ion: 83 Resp: 10251
Ion Ratio Lower Upper
83 100
85 69.5 44.9 83.5



#27
1,2-Dichloroethane
Concen: 1.011 ug/L
RT: 5.39 min Scan# 1336
Delta R.T. -0.02 min
Lab File: VU030075.D
Acq: 14 Mar 2019 15:41

Tgt Ion: 62 Resp: 4577
Ion Ratio Lower Upper
62 100
98 0.0 8.8 13.2#

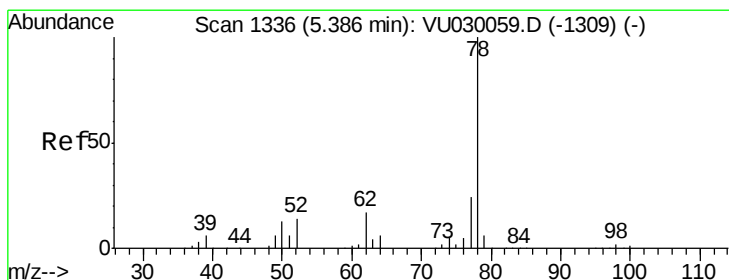
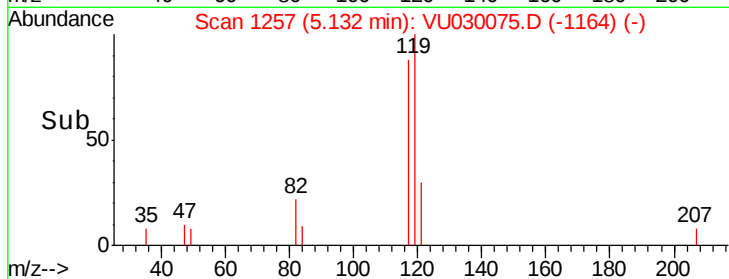
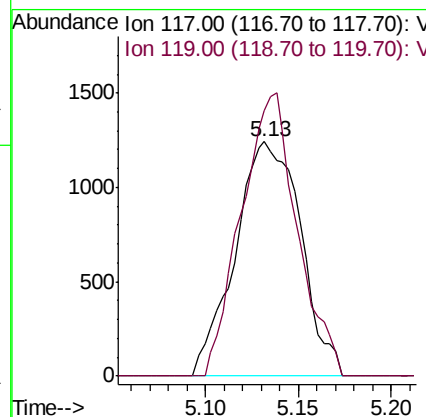
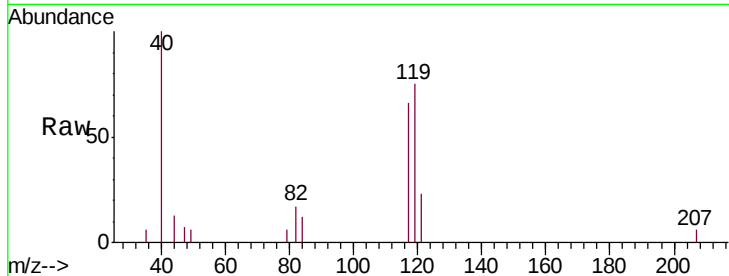




#31
Carbon tetrachloride
Concen: 0.623 ug/L
RT: 5.13 min Scan# 1257
Delta R.T. -0.00 min
Lab File: VU030075.D
Acq: 14 Mar 2019 15:41

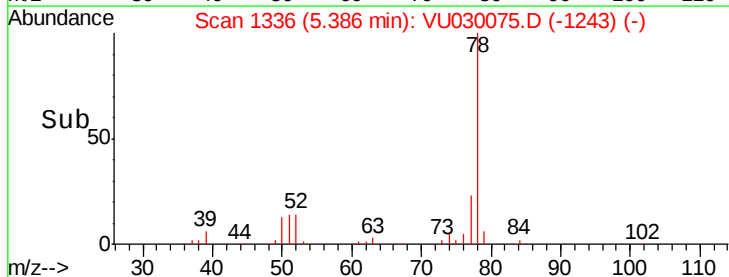
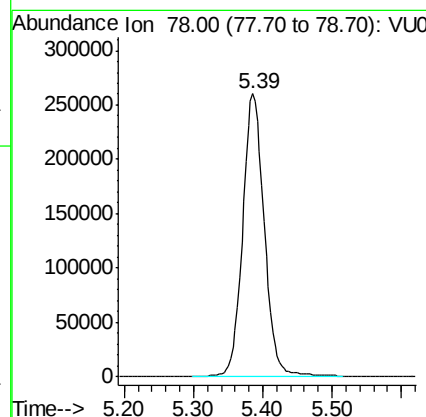
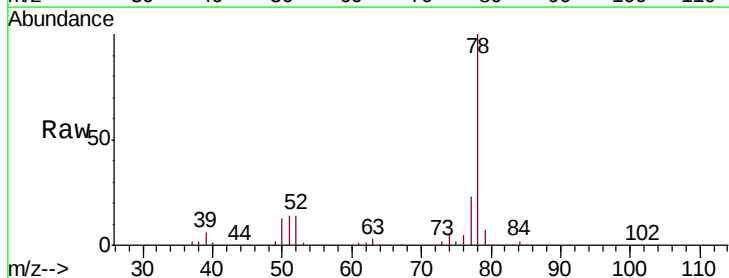
Instrument :
MSVOA_U
ClientSampleId :
C0BR0

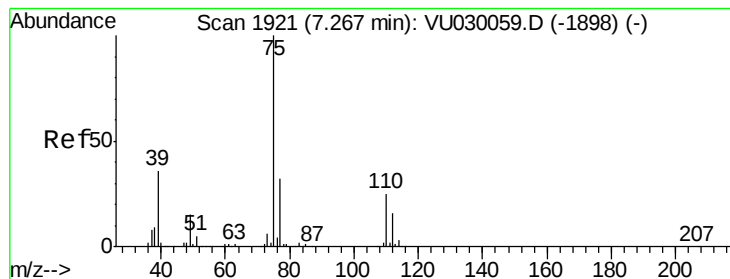
Tgt Ion:117 Resp: 3059
Ion Ratio Lower Upper
117 100
119 103.1 77.3 115.9



#33
Benzene
Concen: 39.120 ug/L
RT: 5.39 min Scan# 1336
Delta R.T. -0.00 min
Lab File: VU030075.D
Acq: 14 Mar 2019 15:41

Tgt Ion: 78 Resp: 570344



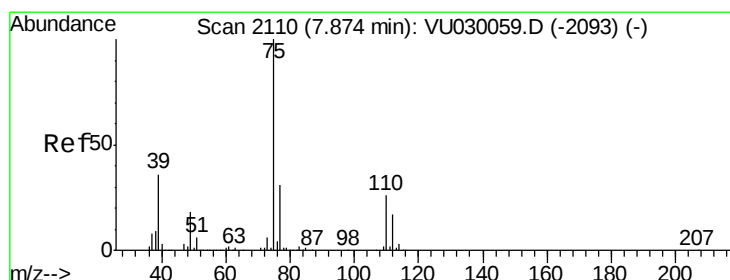
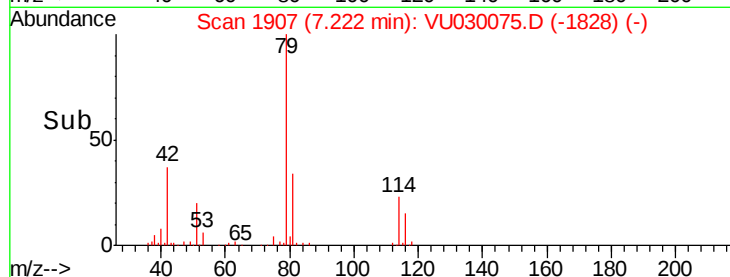
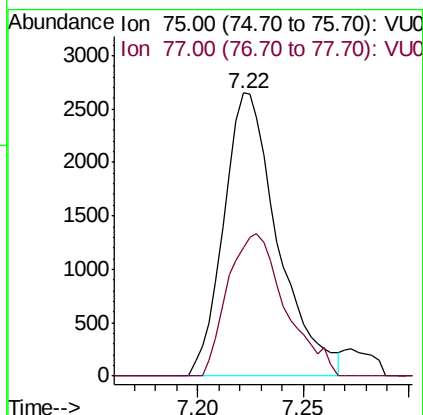
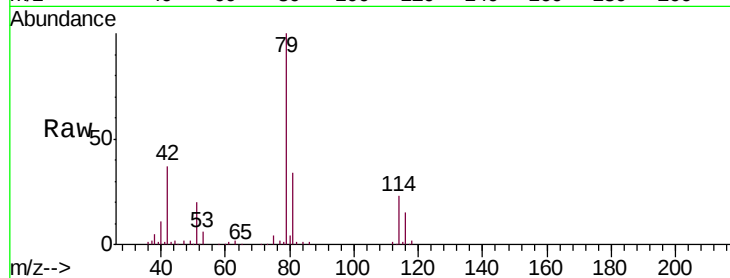


#39

cis-1,3-Dichloropropene
Concen: 0.793 ug/L
RT: 7.22 min Scan# 1907
Delta R.T. -0.05 min
Lab File: VU030075.D
Acq: 14 Mar 2019 15:41

Instrument :
MSVOA_U
ClientSampleId :
C0BR0

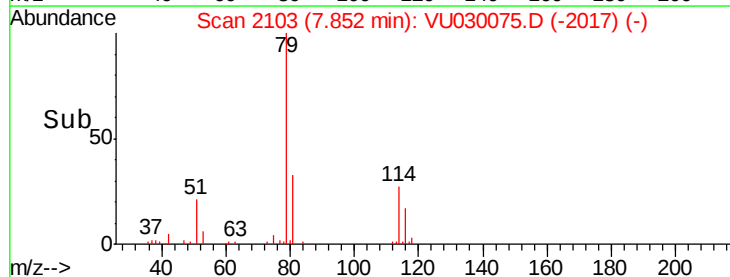
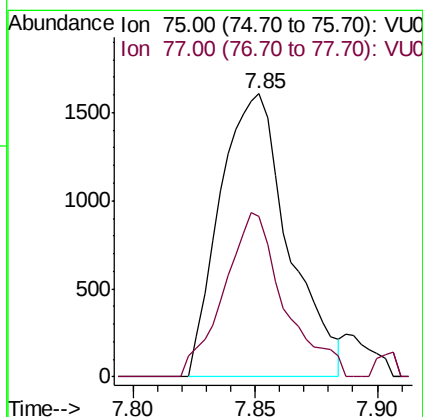
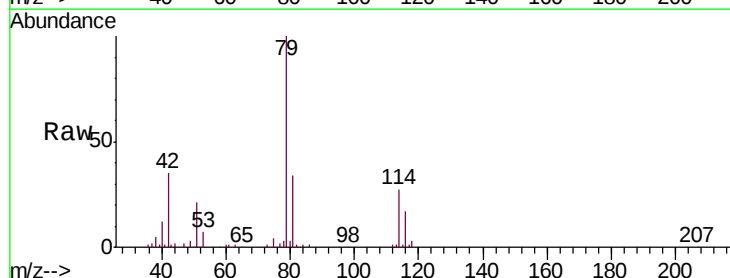
Tgt Ion: 75 Resp: 4731
Ion Ratio Lower Upper
75 100
77 45.3 22.2 41.2#

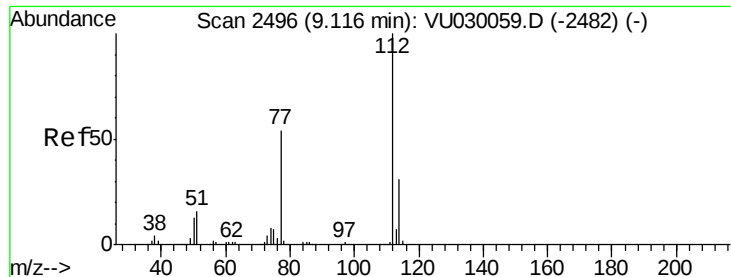


#44

trans-1,3-Dichloropropene
Concen: 0.576 ug/L
RT: 7.85 min Scan# 2103
Delta R.T. -0.02 min
Lab File: VU030075.D
Acq: 14 Mar 2019 15:41

Tgt Ion: 75 Resp: 3137
Ion Ratio Lower Upper
75 100
77 56.8 21.9 40.7#

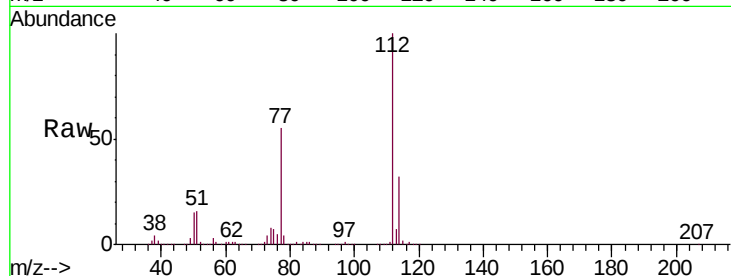




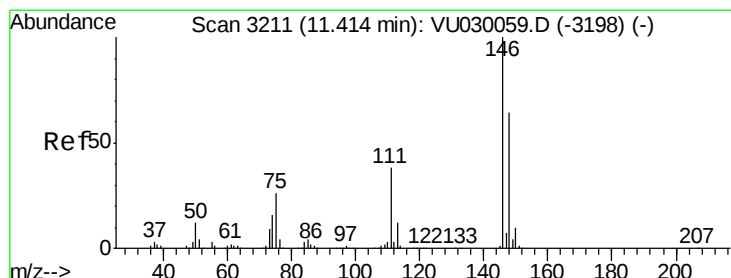
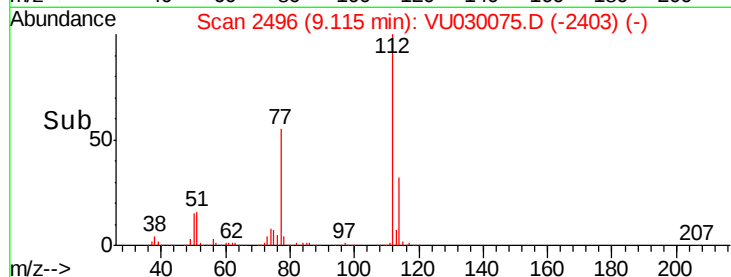
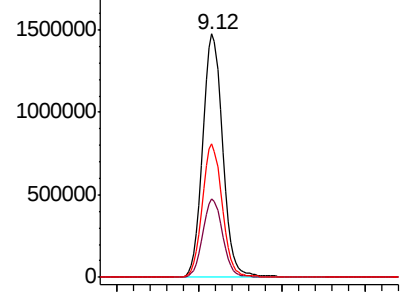
#51
Chlorobenzene
Concen: 230.244 ug/L
RT: 9.12 min Scan# 2496
Delta R.T. -0.00 min
Lab File: VU030075.D
Acq: 14 Mar 2019 15:41

Instrument :
MSVOA_U
ClientSampleId :
C0BR0

Tgt Ion:112 Resp: 2460560
Ion Ratio Lower Upper
112 100
114 32.1 22.5 41.9
77 54.7 44.6 66.8

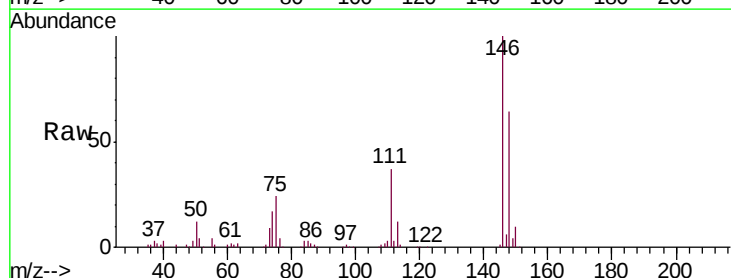


Abundance Ion 112.00 (111.70 to 112.70): V
2000000 Ion 114.00 (113.70 to 114.70): V
Ion 77.00 (76.70 to 77.70): V

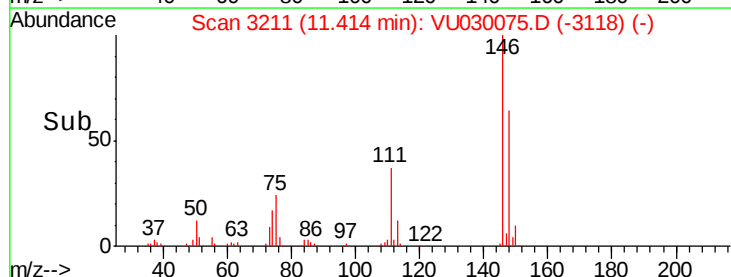
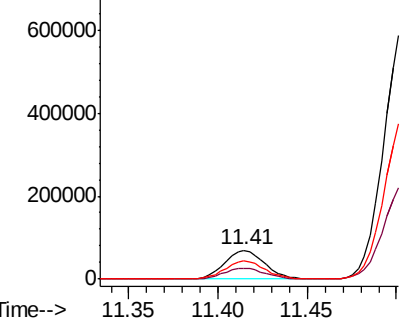


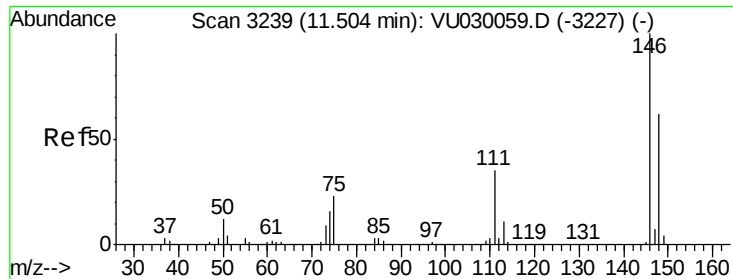
#62
1,3-Dichlorobenzene
Concen: 12.954 ug/L
RT: 11.41 min Scan# 3211
Delta R.T. -0.00 min
Lab File: VU030075.D
Acq: 14 Mar 2019 15:41

Tgt Ion:146 Resp: 109536
Ion Ratio Lower Upper
146 100
111 37.1 26.7 49.5
148 64.3 44.9 83.5



Abundance Ion 146.00 (145.70 to 146.70): V
800000 Ion 111.00 (110.70 to 111.70): V
Ion 148.00 (147.70 to 148.70): V

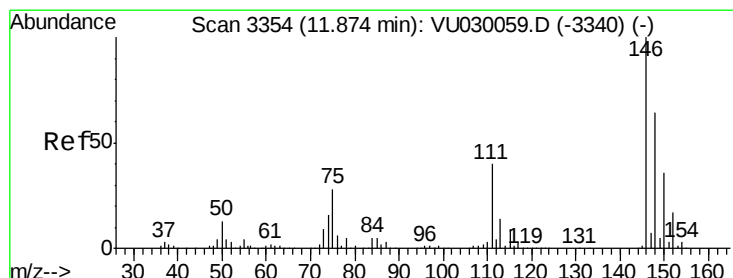
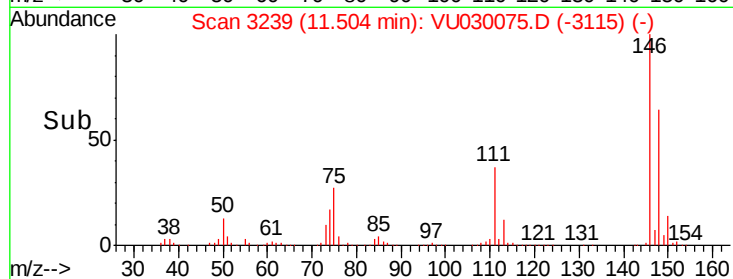
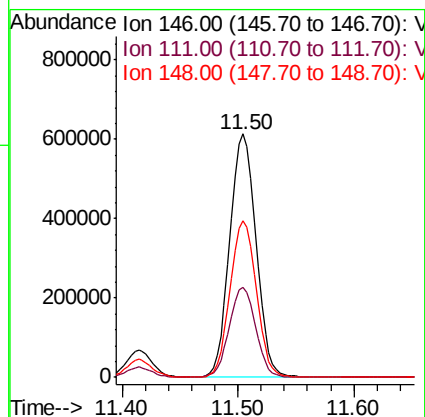
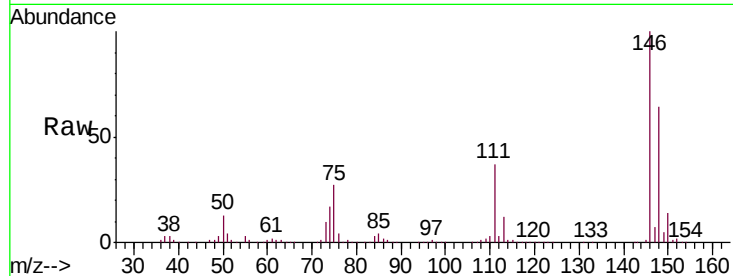




#63
 1,4-Dichlorobenzene
 Concen: 111.597 ug/L
 RT: 11.50 min Scan# 3239
 Delta R.T. -0.00 min
 Lab File: VU030075.D
 Acq: 14 Mar 2019 15:41

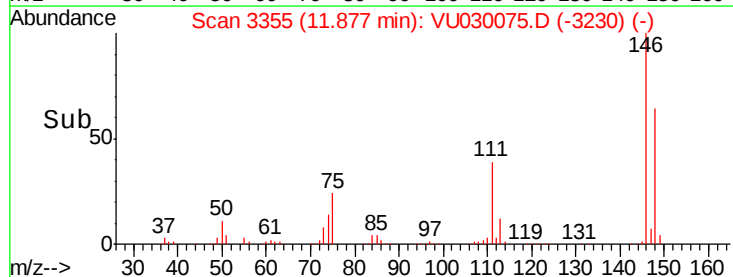
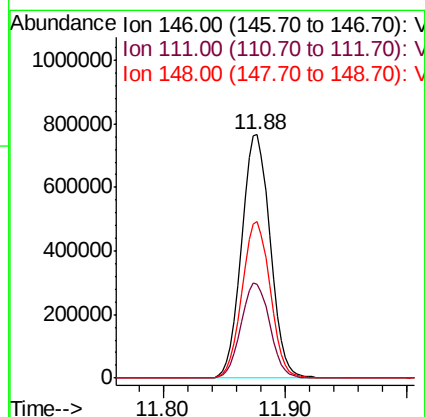
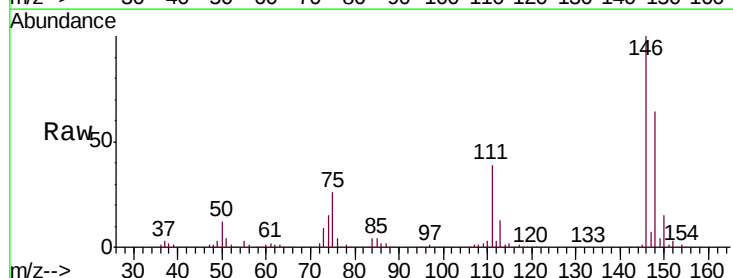
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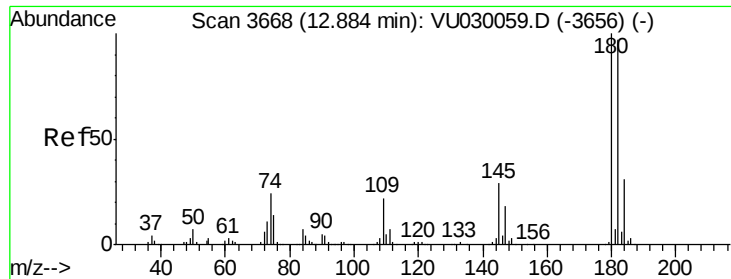
Tgt Ion:146 Resp: 959486
 Ion Ratio Lower Upper
 146 100
 111 37.2 25.5 47.3
 148 64.5 45.0 83.6



#65
 1,2-Dichlorobenzene
 Concen: 145.177 ug/L
 RT: 11.88 min Scan# 3355
 Delta R.T. 0.00 min
 Lab File: VU030075.D
 Acq: 14 Mar 2019 15:41

Tgt Ion:146 Resp: 1235612
 Ion Ratio Lower Upper
 146 100
 111 38.8 30.9 46.3
 148 64.2 51.2 76.8

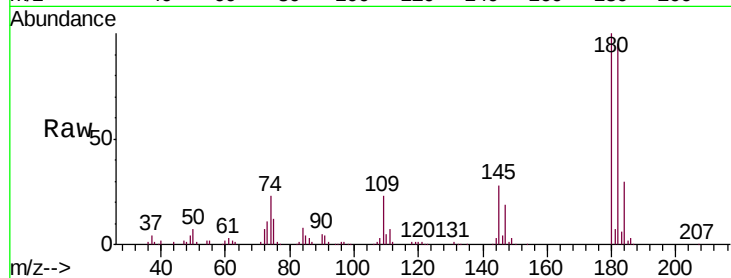




#67
 1,3,5-Trichlorobenzene
 Concen: 24.518 ug/L
 RT: 13.50 min Scan# 3860
 Delta R.T. 0.62 min
 Lab File: VU030075.D
 Acq: 14 Mar 2019 15:41

Instrument :
 MSVOA_U
 ClientSampleId :
 C0BR0

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.3	76.3	114.5
184	29.4	24.7	37.1
145	27.3	22.3	33.5



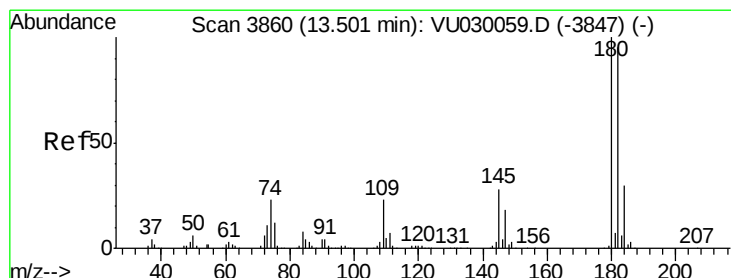
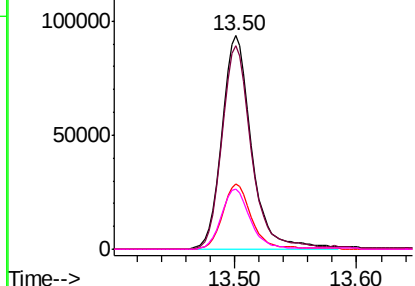
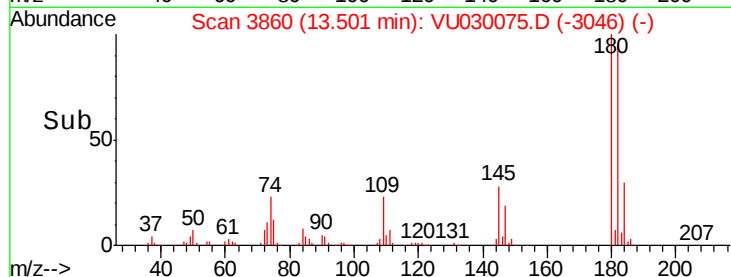
Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

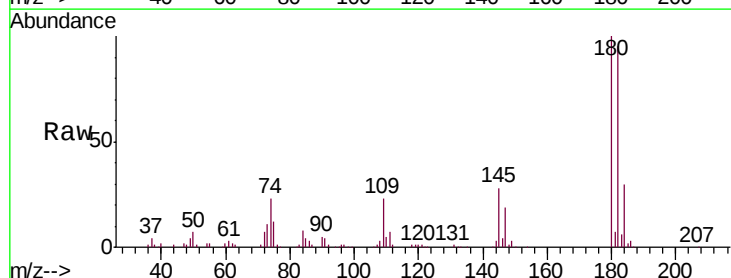
Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V



#68
 1,2,4-trichlorobenzene
 Concen: 26.804 ug/L
 RT: 13.50 min Scan# 3860
 Delta R.T. -0.00 min
 Lab File: VU030075.D
 Acq: 14 Mar 2019 15:41

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.3	76.1	114.1
145	27.3	23.0	34.4

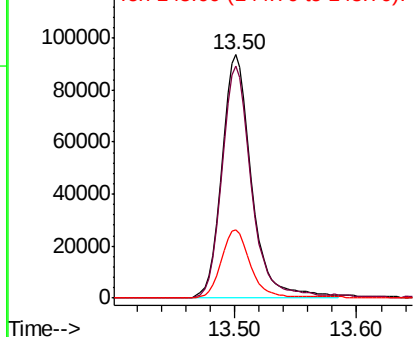
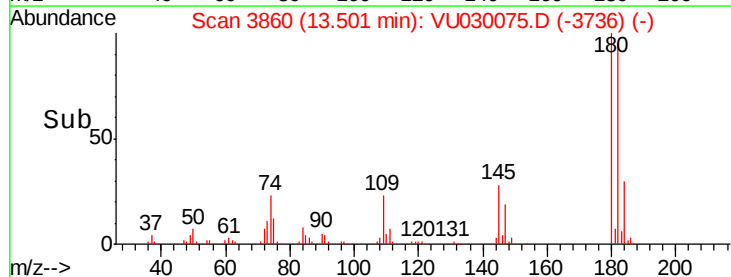


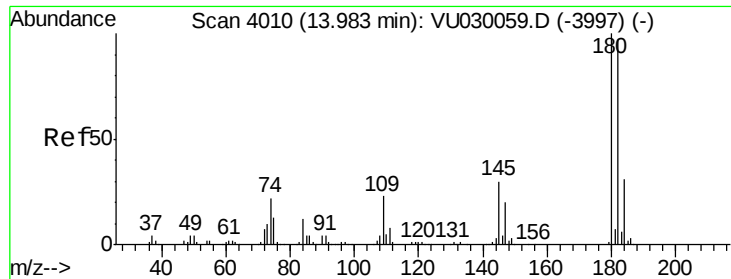
Abundance

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: 7.157 ug/L
 RT: 13.99 min Scan# 4011
 Delta R.T. 0.00 min
 Lab File: VU030075.D
 Acq: 14 Mar 2019 15:41

Instrument :
 MSVOA_U
 ClientSampleId :
 C0BR0

Tgt Ion:180 Resp: 44633
 Ion Ratio Lower Upper
 180 100
 182 97.4 75.9 113.9
 145 29.9 24.0 36.0

