

Data File : VU030778.D
Acq On : 06 Apr 2019 06:01
Operator : JC/SP
Sample : K2269-01DL 5X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BR2DL

Quant Time: Apr 08 01:06:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Apr 08 01:03:28 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	444408	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	432196	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	178433	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	203041	51.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	102.36%
7) Chloroethane-d5	1.68	69	158533	52.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.30%
11) 1,1-Dichloroethene-d2	2.40	63	422	0.06	ug/L	0.13
Spiked Amount	50.000	Range	60 - 125	Recovery	=	0.12%#
21) 2-Butanone-d5	4.17	46	335330	106.65	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.65%
24) Chloroform-d	4.91	84	129	0.02	ug/L	0.27
Spiked Amount	50.000	Range	70 - 125	Recovery	=	0.04%#
26) 1,2-Dichloroethane-d4	5.30	65	214830	51.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.90%
32) Benzene-d6	5.34	84	636249	50.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.86%
36) 1,2-Dichloropropane-d6	6.32	67	220521	51.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.00%
41) Toluene-d8	7.56	98	526348	47.06	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.12%
43) trans-1,3-Dichloropropene-	7.85	79	90912	46.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.22%
47) 2-Hexanone-d5	8.31	63	201674	102.05	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.05%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	292597	50.17	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.34%
64) 1,2-Dichlorobenzene-d4	11.85	152	178633	50.90	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.80%

Target Compounds

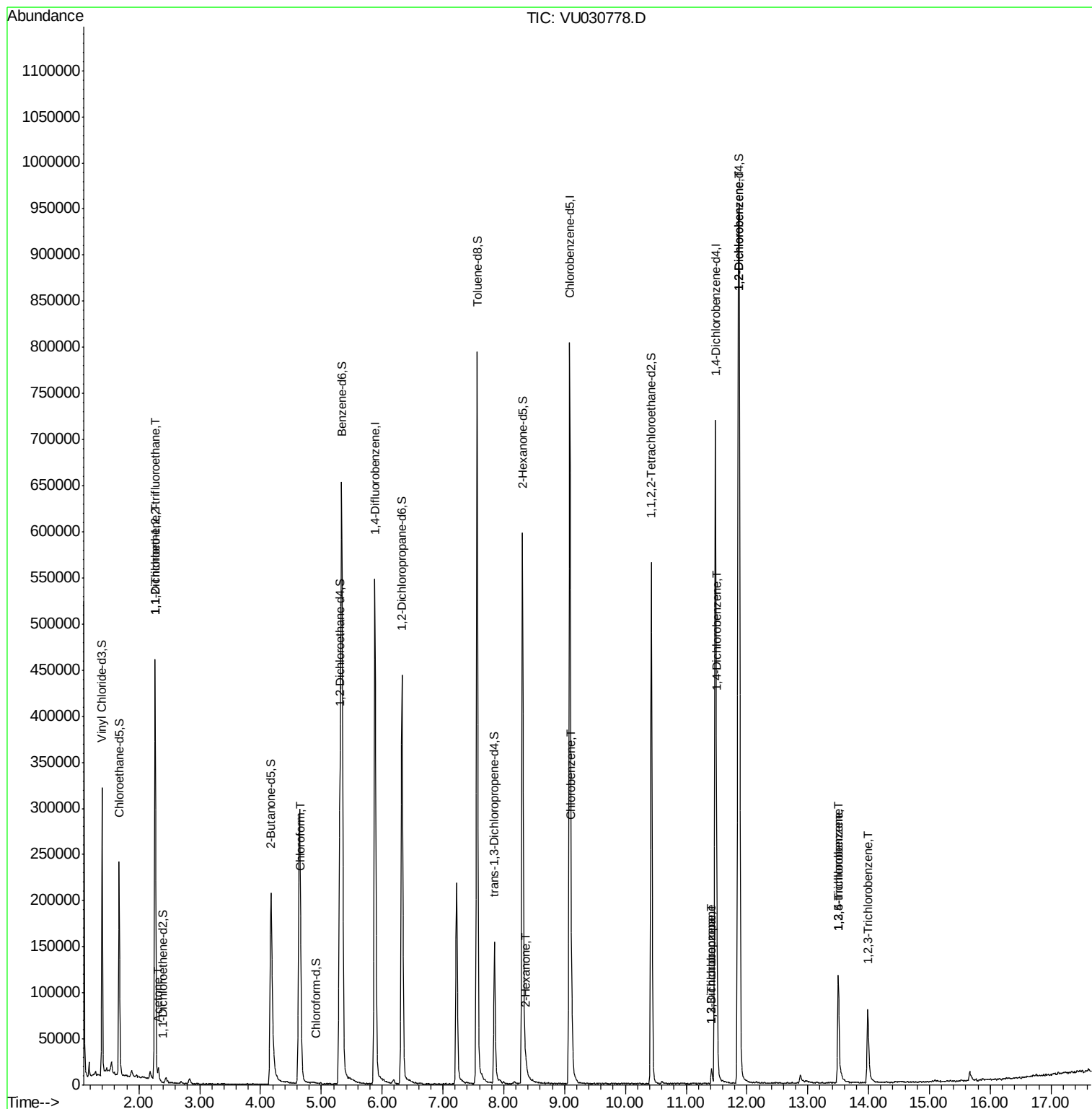
						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2078	0.653	ug/L #	20
12) 1,1-Dichloroethene	2.26	96	2045	0.666	ug/L #	1
13) Acetone	2.32	43	13545	4.210	ug/L	99
25) Chloroform	4.67	83	26584	3.929	ug/L	98
48) 2-Hexanone	8.37	43	5287	1.052	ug/L #	43
51) Chlorobenzene	9.12	112	53565	6.049	ug/L	96
59) 1,2,3-Trichloropropane	11.42	75	2569	0.536	ug/L #	45
62) 1,3-Dichlorobenzene	11.42	146	6138	1.088	ug/L	87
63) 1,4-Dichlorobenzene	11.50	146	58149	10.137	ug/L	98
65) 1,2-Dichlorobenzene	11.87	146	286003	50.559	ug/L	99
67) 1,3,5-Trichlorobenzene	13.50	180	39577	9.603	ug/L	96
68) 1,2,4-trichlorobenzene	13.50	180	39577	11.294	ug/L	93
70) 1,2,3-Trichlorobenzene	13.99	180	27581	7.533	ug/L	90

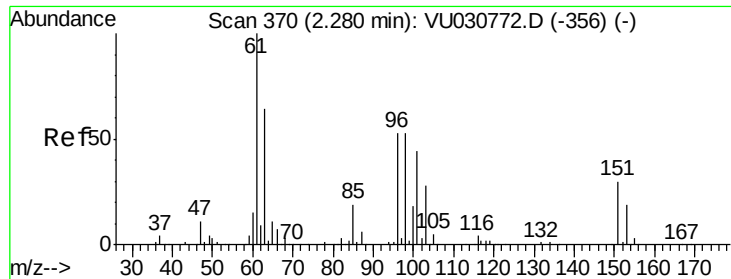
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU030778.D
Acq On : 06 Apr 2019 06:01
Operator : JC/SP
Sample : K2269-01DL 5X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BR2DL

Quant Time: Apr 08 01:06:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Apr 08 01:03:28 2019
Response via : Initial Calibration





#10

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

Concen: 0.653 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU030778.D

Acq: 06 Apr 2019 06:01

Instrument :

MSVOA_U

ClientSampleId :

C0BR2DL

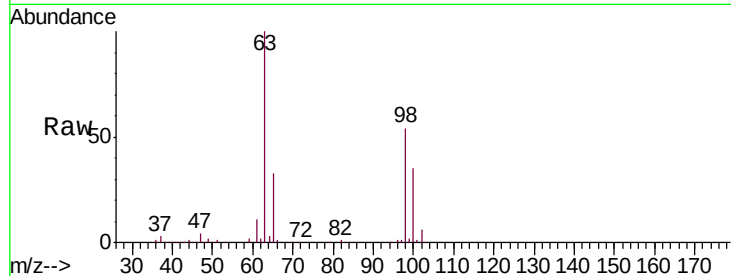
Tgt Ion: 101 Resp: 2078

Ion Ratio Lower Upper

101 100

85 0.0 36.8 55.2#

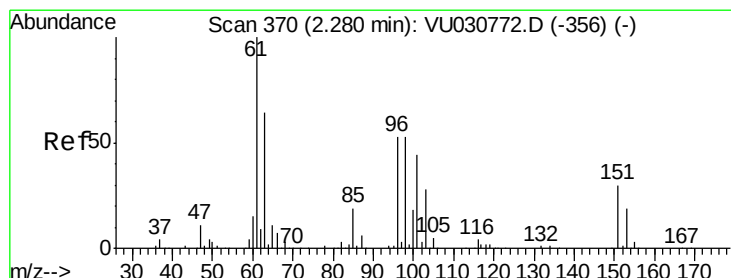
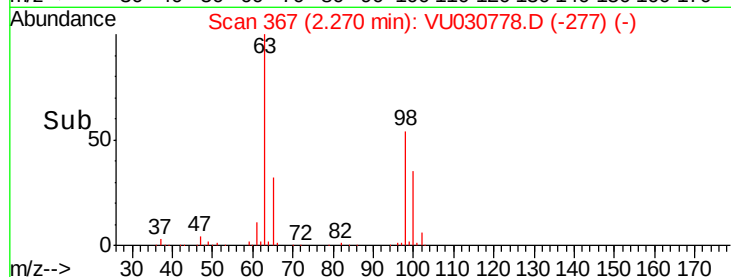
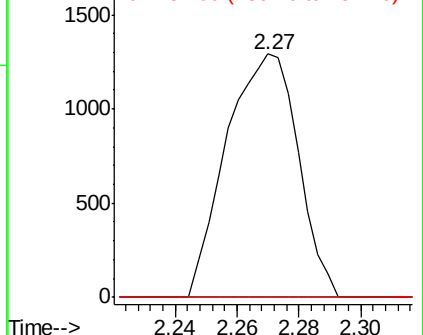
151 0.0 57.4 86.0#



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: 0.666 ug/L

RT: 2.26 min Scan# 364

Delta R.T. -0.02 min

Lab File: VU030778.D

Acq: 06 Apr 2019 06:01

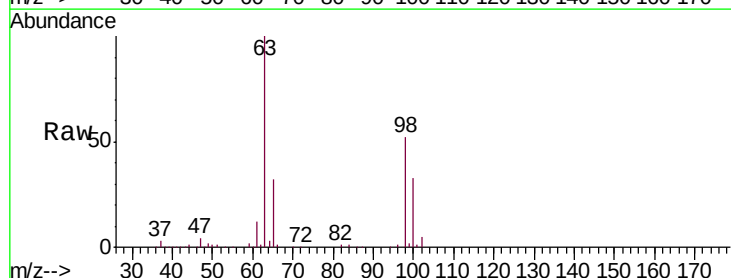
Tgt Ion: 96 Resp: 2045

Ion Ratio Lower Upper

96 100

61 1326.5 132.0 245.2#

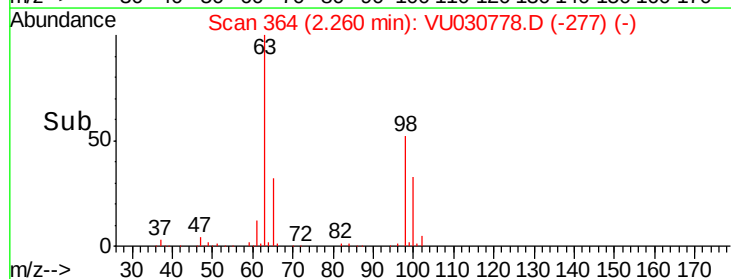
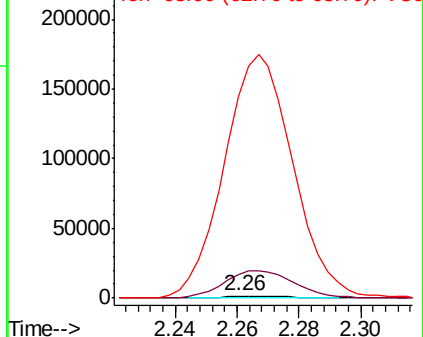
63 11474.1 90.9 168.9#

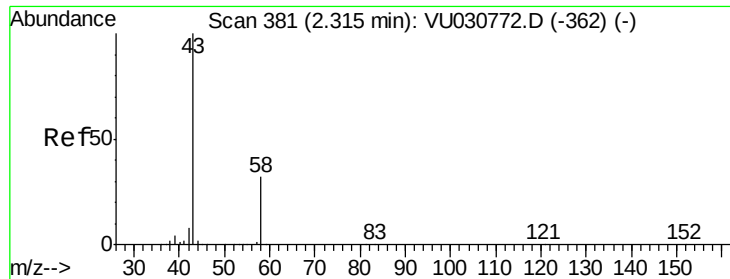


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 4.210 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU030778.D

Acq: 06 Apr 2019 06:01

Instrument :

MSVOA_U

ClientSampleId :

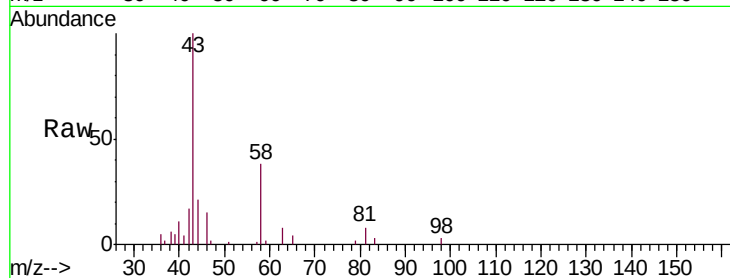
C0BR2DL

Tgt Ion: 43 Resp: 13545

Ion Ratio Lower Upper

43 100

58 31.4 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU030778.D (-362) (-)

Ion 58.00 (57.70 to 58.70): VU030778.D (-362) (-)

8000

6000

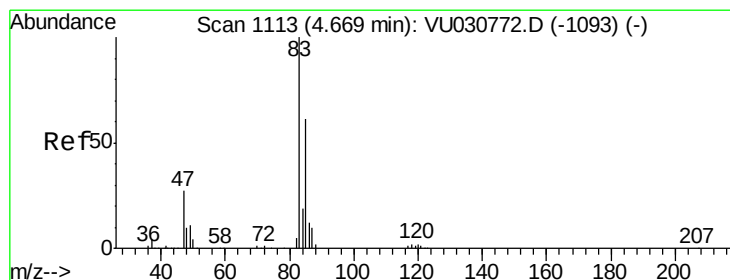
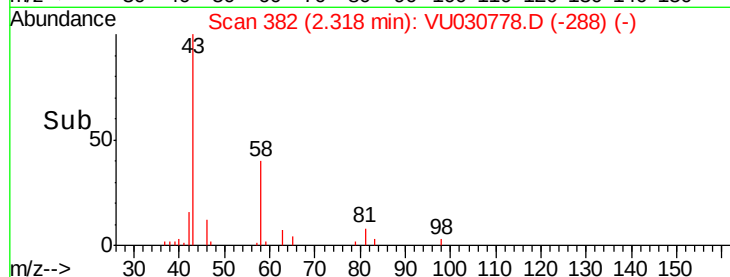
4000

2000

0

2.25 2.30 2.35 2.40

Time-->



#25

Chloroform

Concen: 3.929 ug/L

RT: 4.67 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VU030778.D

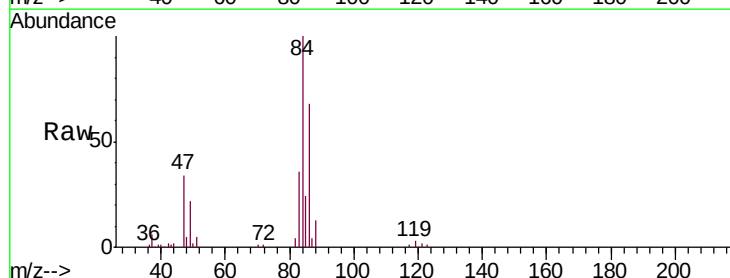
Acq: 06 Apr 2019 06:01

Tgt Ion: 83 Resp: 26584

Ion Ratio Lower Upper

83 100

85 66.9 45.8 85.0



Abundance Ion 83.00 (82.70 to 83.70): VU030778.D (-1093) (-)

Ion 85.00 (84.70 to 85.70): VU030778.D (-1093) (-)

12000

10000

8000

6000

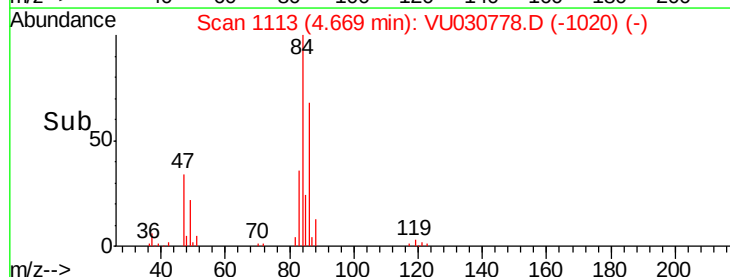
4000

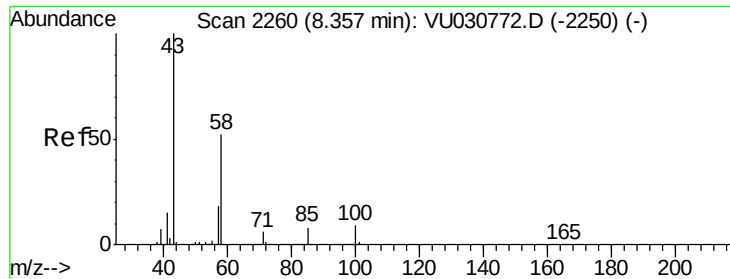
2000

0

4.60 4.65 4.70 4.75

Time-->

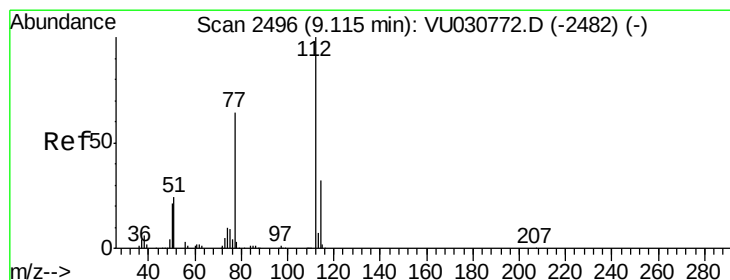
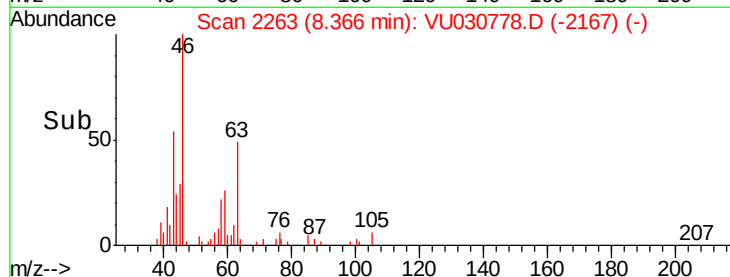
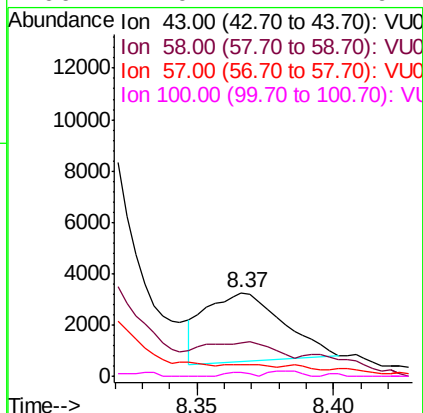
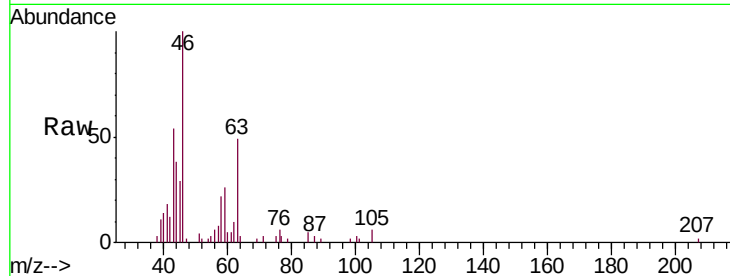




#48
2-Hexanone
Concen: 1.052 ug/L
RT: 8.37 min Scan# 2263
Delta R.T. 0.01 min
Lab File: VU030778.D
Acq: 06 Apr 2019 06:01

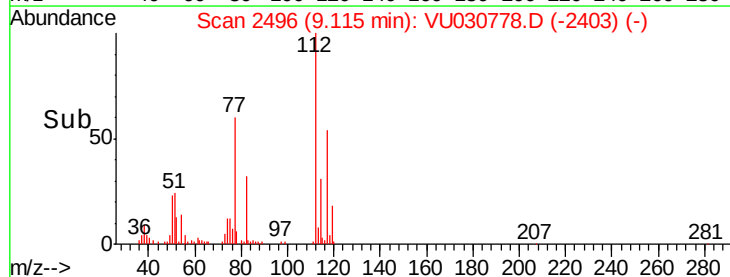
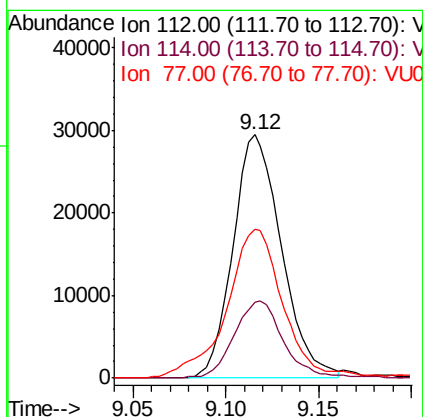
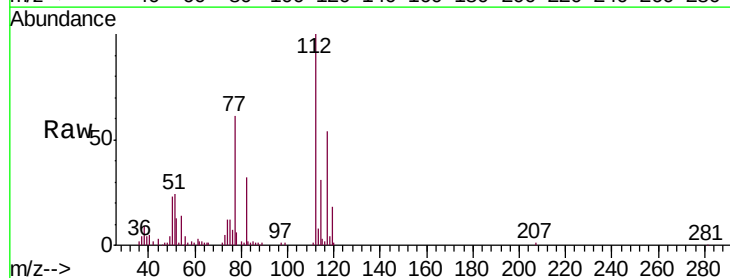
Instrument :
MSVOA_U
ClientSampleId :
C0BR2DL

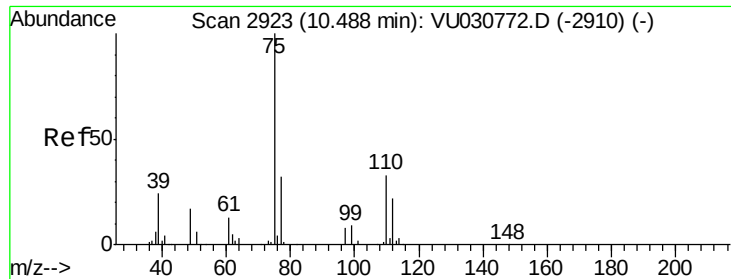
Tgt Ion:	43	Resp:	5287
Ion	Ratio	Lower	Upper
43	100		
58	3.9	41.9	62.9#
57	0.0	14.3	21.5#
100	2.0	7.1	10.7#



#51
Chlorobenzene
Concen: 6.049 ug/L
RT: 9.12 min Scan# 2496
Delta R.T. 0.00 min
Lab File: VU030778.D
Acq: 06 Apr 2019 06:01

Tgt Ion:	112	Resp:	53565
Ion	Ratio	Lower	Upper
112	100		
114	30.9	22.2	41.2
77	60.9	51.7	77.5





#59

1,2,3-Trichloropropane

Concen: 0.536 ug/L

RT: 11.42 min Scan# 3212

Delta R.T. 0.93 min

Lab File: VU030778.D

Acq: 06 Apr 2019 06:01

Instrument :

MSVOA_U

ClientSampleId :

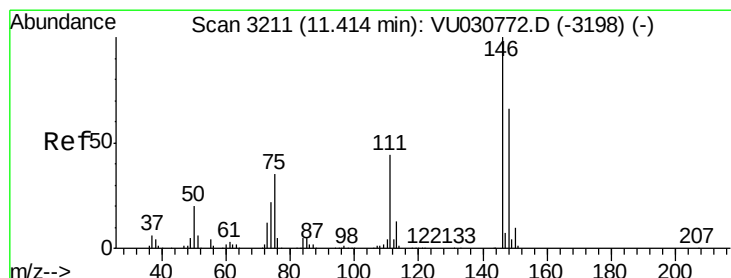
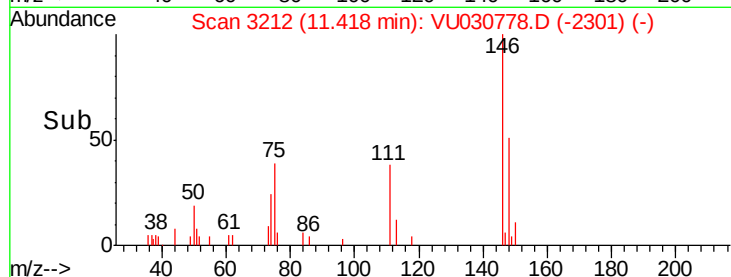
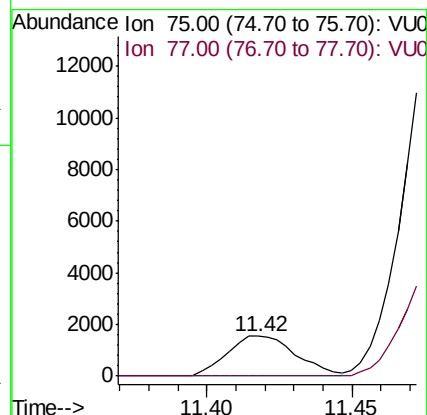
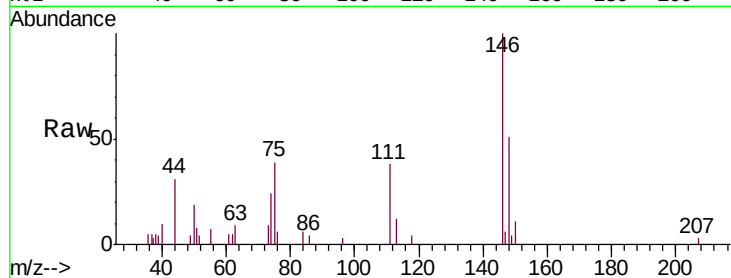
C0BR2DL

Tgt Ion: 75 Resp: 2569

Ion Ratio Lower Upper

75 100

77 1.8 26.1 39.1#



#62

1,3-Dichlorobenzene

Concen: 1.088 ug/L

RT: 11.42 min Scan# 3212

Delta R.T. 0.00 min

Lab File: VU030778.D

Acq: 06 Apr 2019 06:01

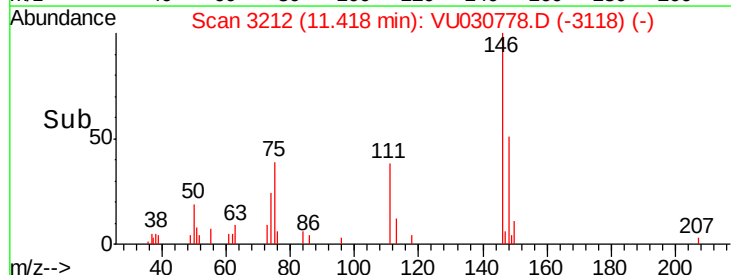
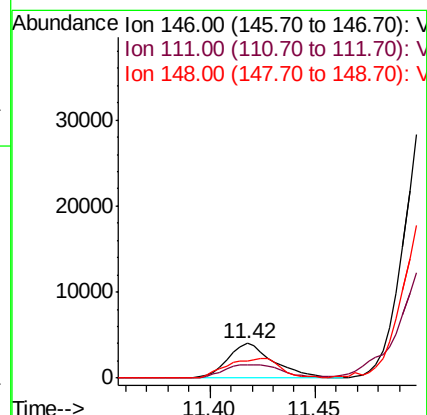
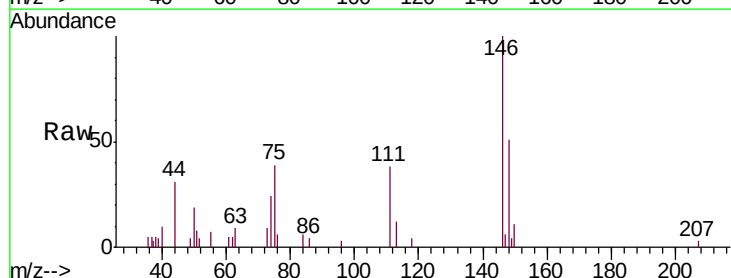
Tgt Ion: 146 Resp: 6138

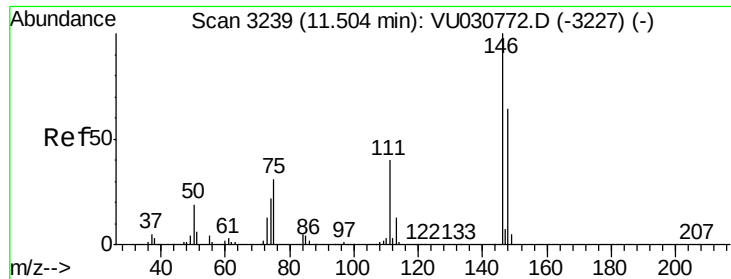
Ion Ratio Lower Upper

146 100

111 38.3 30.9 57.5

148 51.1 44.7 82.9

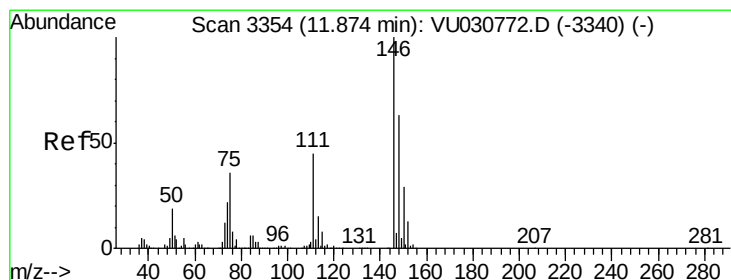
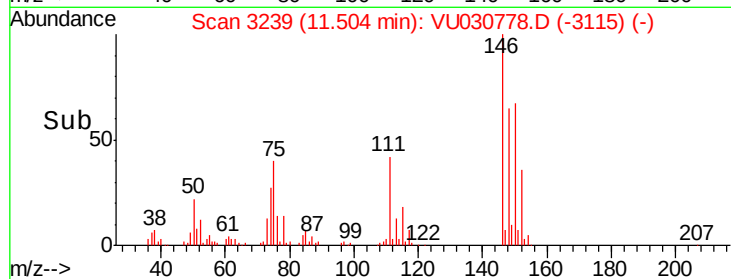
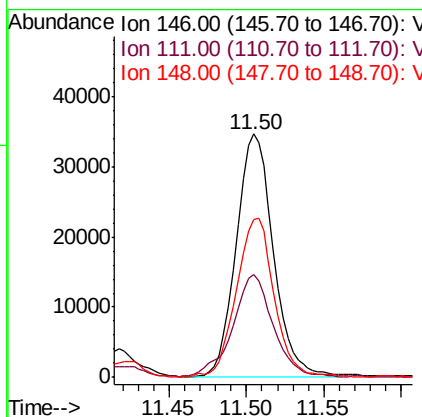
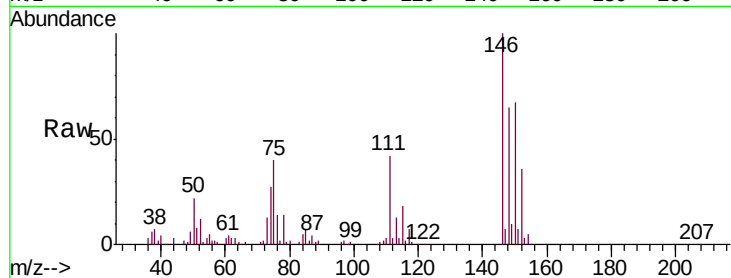




#63
 1,4-Dichlorobenzene
 Concen: 10.137 ug/L
 RT: 11.50 min Scan# 3239
 Delta R.T. 0.00 min
 Lab File: VU030778.D
 Acq: 06 Apr 2019 06:01

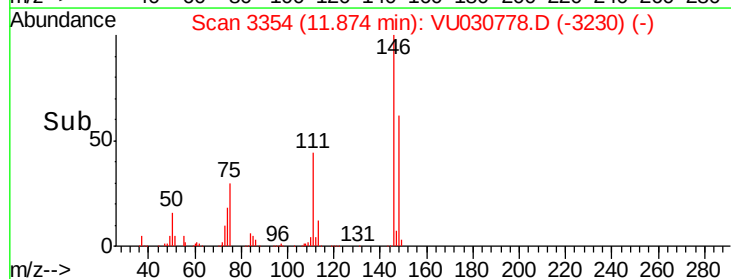
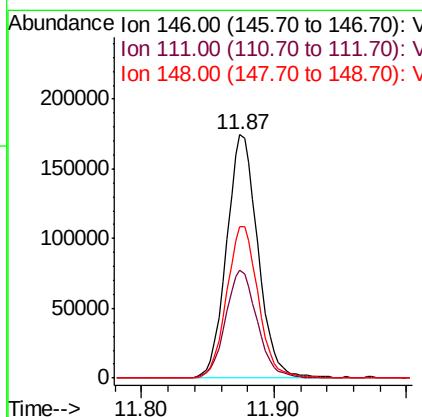
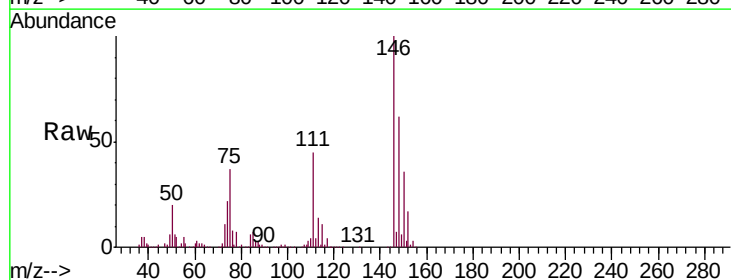
Instrument :
 MSVOA_U
 ClientSampleId :
 C0BR2DL

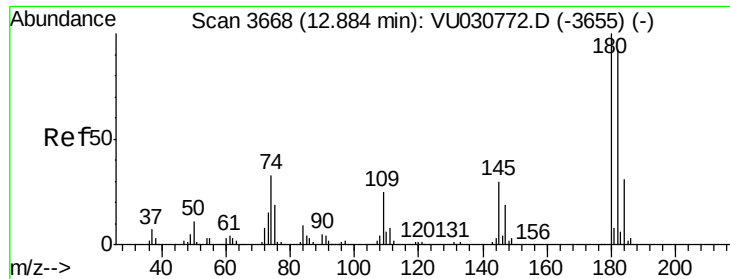
Tgt Ion:146 Resp: 58149
 Ion Ratio Lower Upper
 146 100
 111 42.0 27.7 51.5
 148 64.7 45.4 84.4



#65
 1,2-Dichlorobenzene
 Concen: 50.559 ug/L
 RT: 11.87 min Scan# 3354
 Delta R.T. 0.00 min
 Lab File: VU030778.D
 Acq: 06 Apr 2019 06:01

Tgt Ion:146 Resp: 286003
 Ion Ratio Lower Upper
 146 100
 111 44.5 34.9 52.3
 148 62.3 50.4 75.6

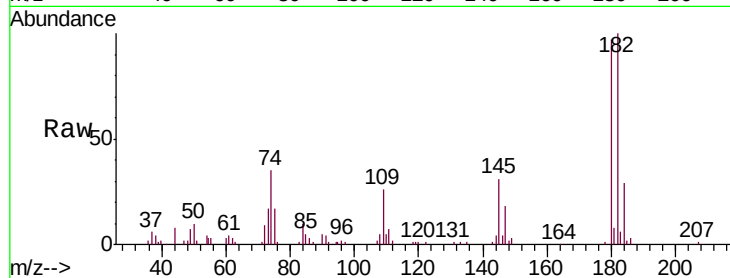




#67
 1,3,5-Trichlorobenzene
 Concen: 9.603 ug/L
 RT: 13.50 min Scan# 3860
 Delta R.T. 0.62 min
 Lab File: VU030778.D
 Acq: 06 Apr 2019 06:01

Instrument :
 MSVOA_U
 ClientSampleId :
 C0BR2DL

Tgt Ion:	180	Resp:	39577
Ion	Ratio	Lower	Upper
180	100		
182	103.9	78.3	117.5
184	29.8	24.7	37.1
145	29.5	24.2	36.4



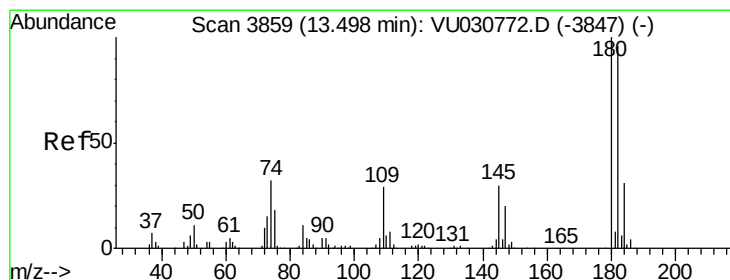
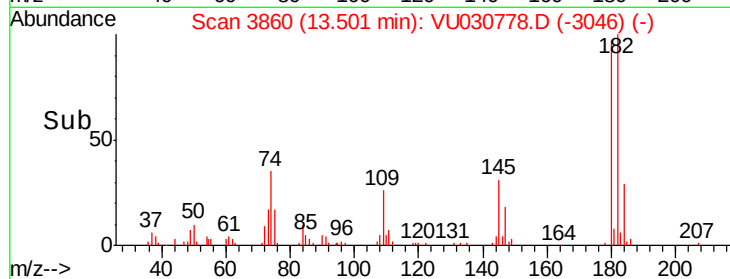
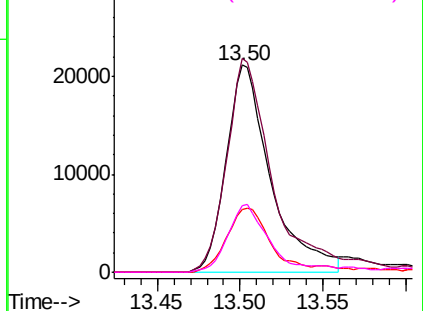
Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

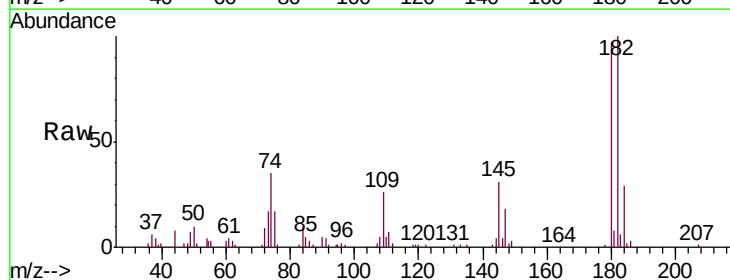
Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V



#68
 1,2,4-trichlorobenzene
 Concen: 11.294 ug/L
 RT: 13.50 min Scan# 3860
 Delta R.T. 0.00 min
 Lab File: VU030778.D
 Acq: 06 Apr 2019 06:01

Tgt Ion:	180	Resp:	39577
Ion	Ratio	Lower	Upper
180	100		
182	103.9	76.7	115.1
145	29.5	24.4	36.6

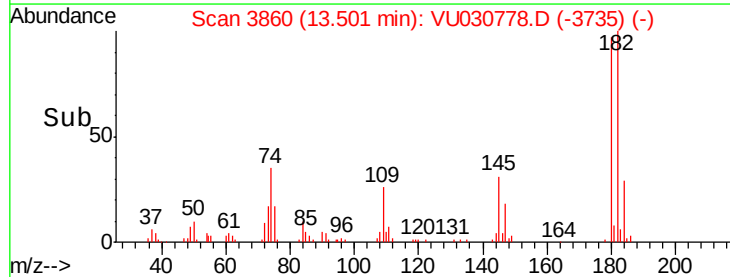
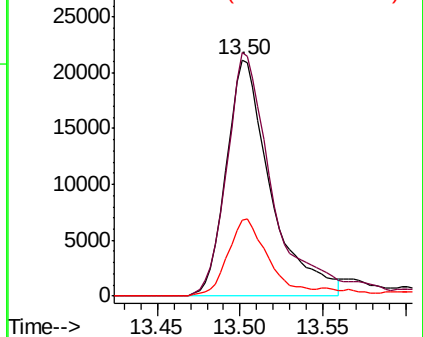


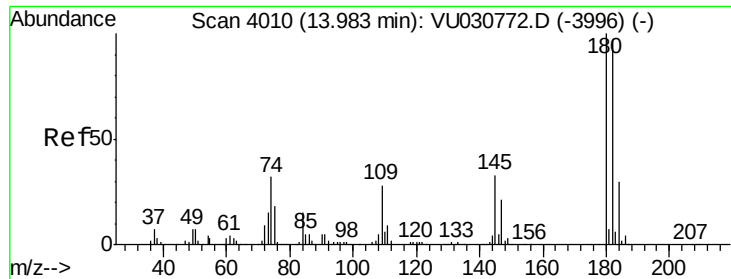
Abundance

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: 7.533 ug/L
 RT: 13.99 min Scan# 4011
 Delta R.T. 0.00 min
 Lab File: VU030778.D
 Acq: 06 Apr 2019 06:01

Instrument :
 MSVOA_U
 ClientSampleId :
 C0BR2DL

Tgt Ion	Resp	Lower	Upper
180	100		
182	108.9	78.1	117.1
145	37.5	26.6	40.0

