

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061518\
 Data File : VU024620.D
 Acq On : 16 Jun 2018 02:39
 Operator : MD/SY
 Sample : J3506-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C07Z8

Quant Time: Jun 16 03:45:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061518WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 16 03:36:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	302134	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	274800	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	133205	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	68365	39.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.06%
7) Chloroethane-d5	1.68	69	59871	45.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.00%
11) 1,1-Dichloroethene-d2	2.27	63	109287	31.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.26%
21) 2-Butanone-d5	4.18	46	145218	99.48	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.48%
24) Chloroform-d	4.65	84	159775	45.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.70%
26) 1,2-Dichloroethane-d4	5.31	65	106033	48.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.04%
32) Benzene-d6	5.35	84	328144	49.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.08%
36) 1,2-Dichloropropane-d6	6.34	67	112576	50.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.44%
41) Toluene-d8	7.57	98	317563	47.03	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.06%
43) trans-1,3-Dichloropropene-	7.85	79	48922	43.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.38%
47) 2-Hexanone-d5	8.31	63	115785	101.32	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.32%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	155035	47.61	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.22%
64) 1,2-Dichlorobenzene-d4	11.49	152	124188	48.32	ug/L	-0.38
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.64%

Target Compounds

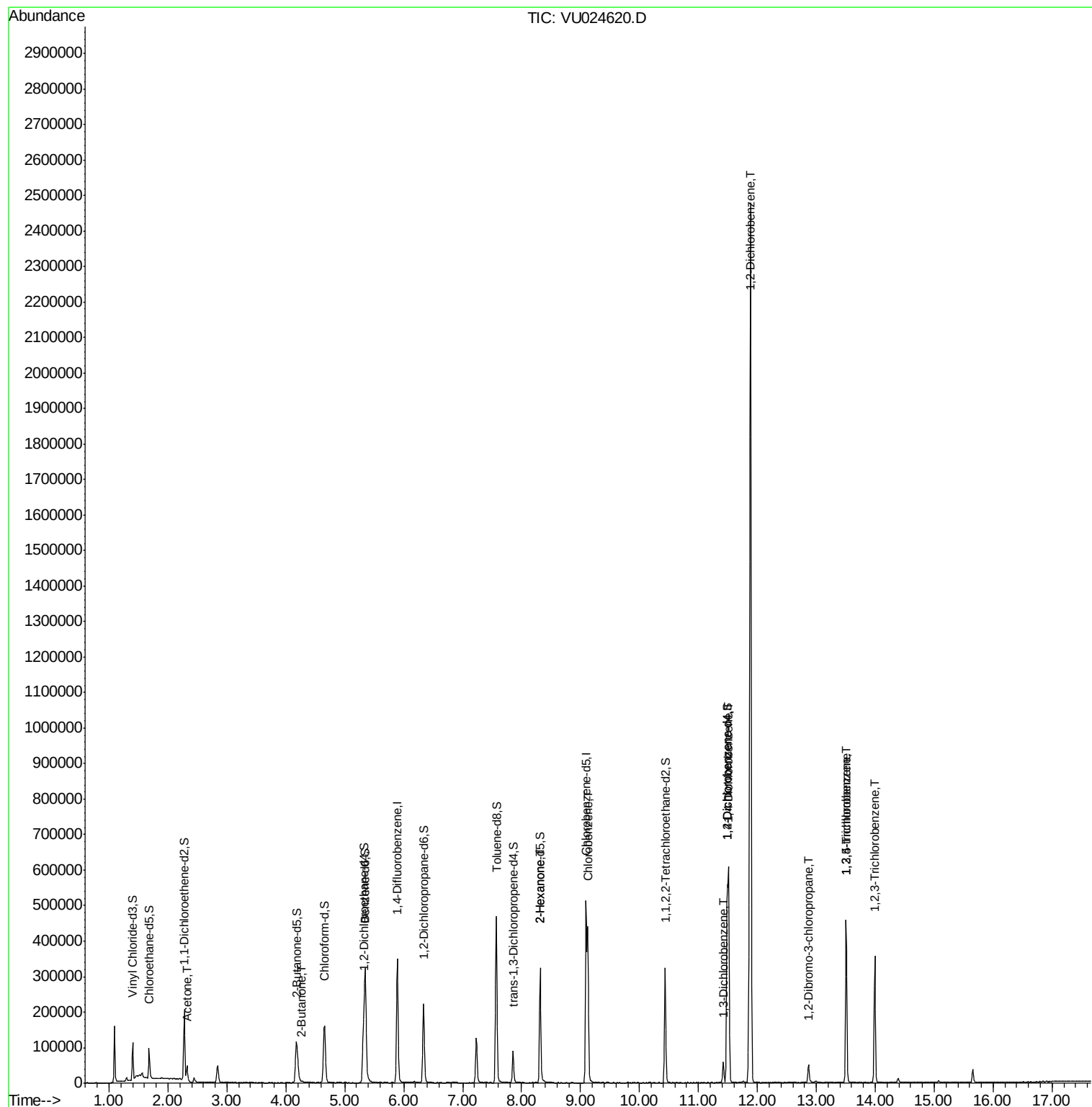
					Qvalue
13) Acetone	2.32	43	42580	27.326 ug/L	95
22) 2-Butanone	4.28	43	3555	1.790 ug/L	82
48) 2-Hexanone	8.31	43	12434	4.591 ug/L #	66
51) Chlorobenzene	9.12	112	229016	38.084 ug/L	99
62) 1,3-Dichlorobenzene	11.42	146	23633	5.280 ug/L	97
63) 1,4-Dichlorobenzene	11.51	146	228650	50.650 ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	961361	214.637 ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.87	75	1083	1.382 ug/L #	1
67) 1,3,5-Trichlorobenzene	13.51	180	143820	40.191 ug/L	98
68) 1,2,4-trichlorobenzene	13.51	180	143820	48.324 ug/L	98
70) 1,2,3-Trichlorobenzene	13.99	180	110744	36.696 ug/L	98

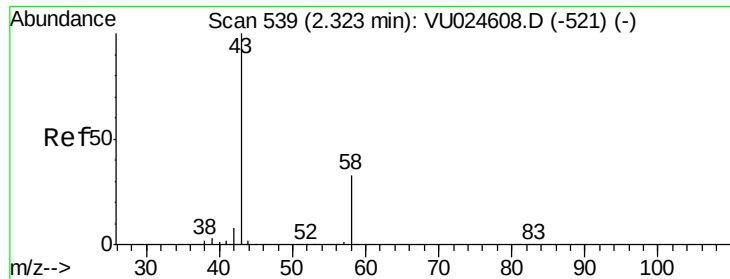
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU061518\
Data File : VU024620.D
Acq On : 16 Jun 2018 02:39
Operator : MD/SY
Sample : J3506-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C07Z8

Quant Time: Jun 16 03:45:38 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061518WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jun 16 03:36:16 2018
Response via : Initial Calibration





#13

Acetone

Concen: 27.326 ug/L

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU024620.D

Acq: 16 Jun 2018 02:39

Instrument :

MSVOA_U

ClientSampleId :

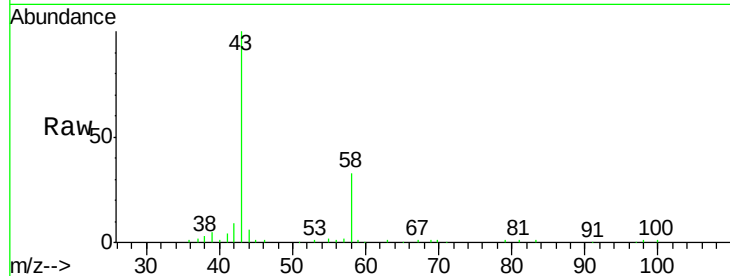
C07Z8

Tgt Ion: 43 Resp: 42580

Ion Ratio Lower Upper

43 100

58 35.1 0.0 64.2



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

2.32

30000

25000

20000

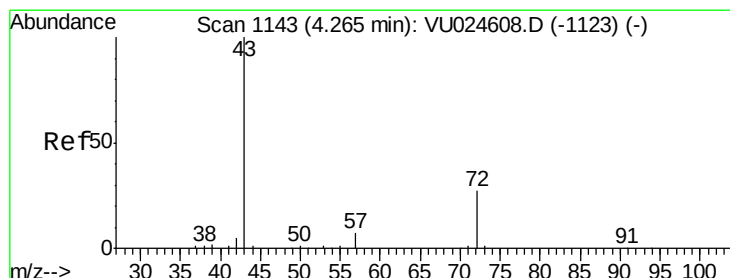
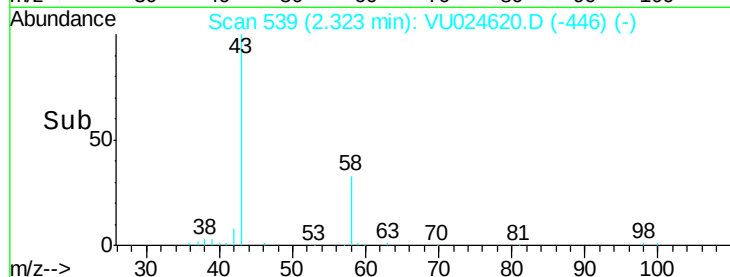
15000

10000

5000

0

Time--> 2.25 2.30 2.35 2.40



#22

2-Butanone

Concen: 1.790 ug/L

RT: 4.28 min Scan# 1147

Delta R.T. 0.01 min

Lab File: VU024620.D

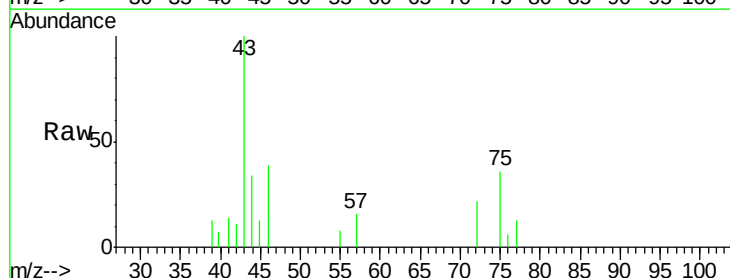
Acq: 16 Jun 2018 02:39

Tgt Ion: 43 Resp: 3555

Ion Ratio Lower Upper

43 100

72 16.8 13.1 39.3



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 72.00 (71.70 to 72.70): VU0

4.28

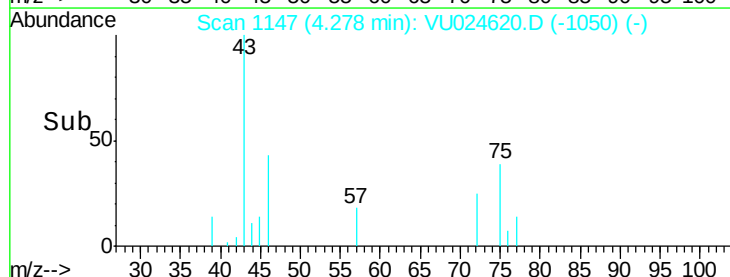
1500

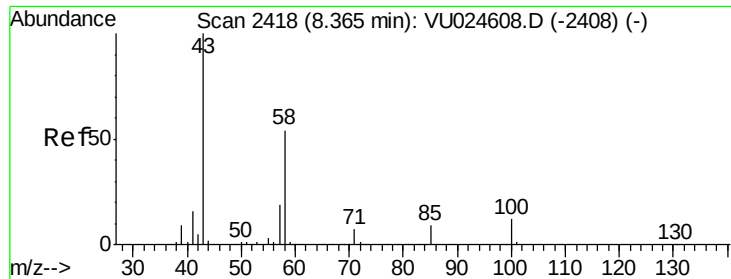
1000

500

0

Time--> 4.20 4.25 4.30 4.35

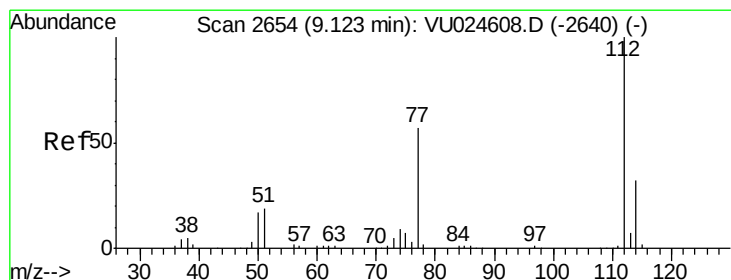
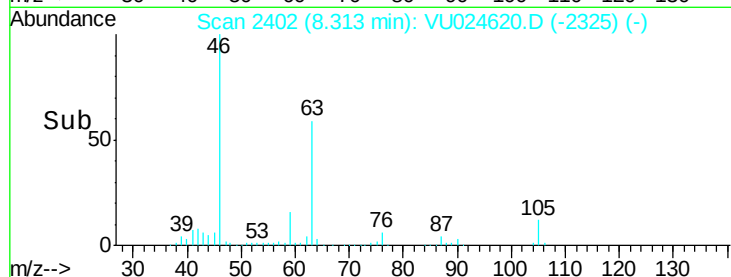
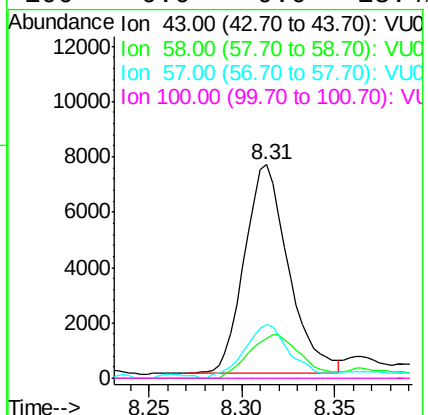
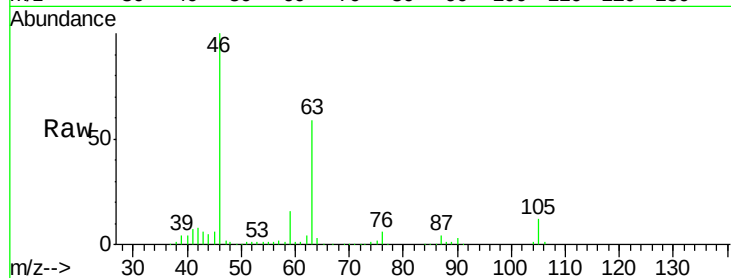




#48
2-Hexanone
Concen: 4.591 ug/L
RT: 8.31 min Scan# 2402
Delta R.T. -0.05 min
Lab File: VU024620.D
Acq: 16 Jun 2018 02:39

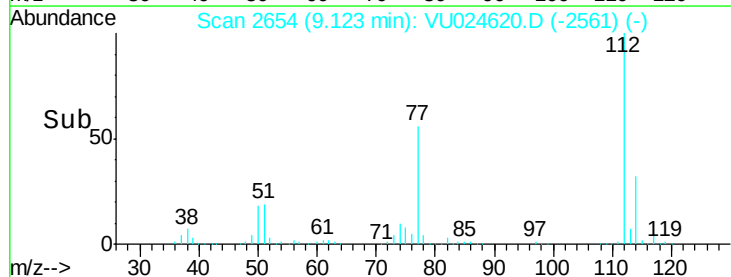
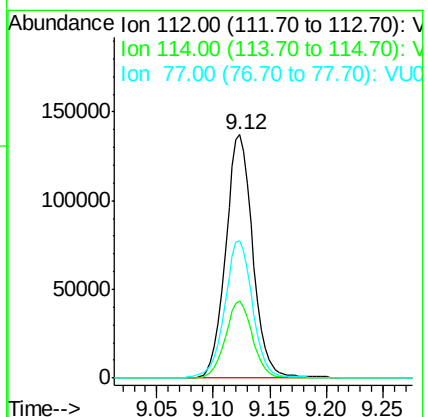
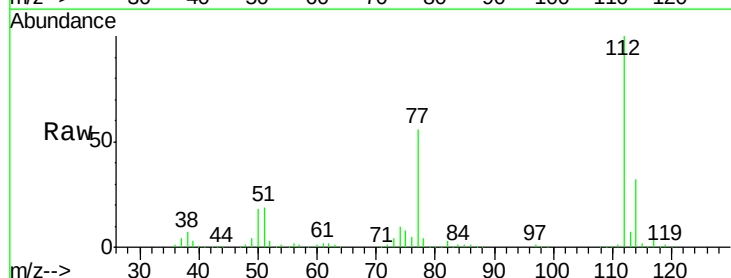
Instrument :
MSVOA_U
ClientSampleId :
C07Z8

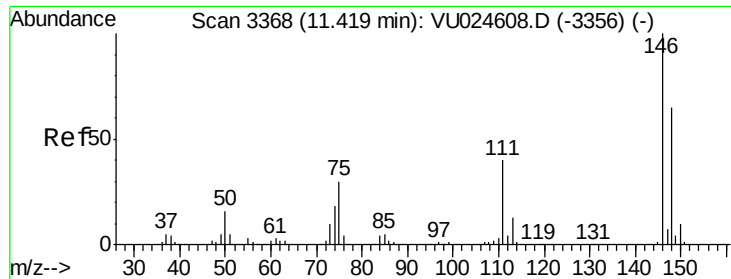
Tgt Ion: 43 Resp: 12434
Ion Ratio Lower Upper
43 100
58 24.5 42.6 63.8#
57 26.3 14.7 22.1#
100 0.0 9.0 13.4#



#51
Chlorobenzene
Concen: 38.084 ug/L
RT: 9.12 min Scan# 2654
Delta R.T. 0.00 min
Lab File: VU024620.D
Acq: 16 Jun 2018 02:39

Tgt Ion: 112 Resp: 229016
Ion Ratio Lower Upper
112 100
114 31.5 22.7 42.1
77 56.5 45.0 67.6

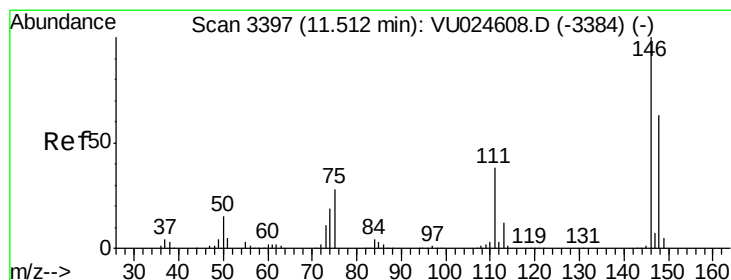
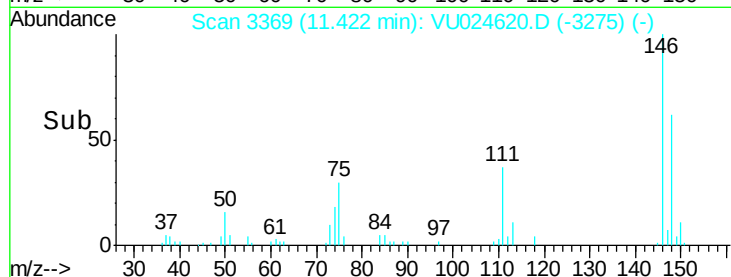
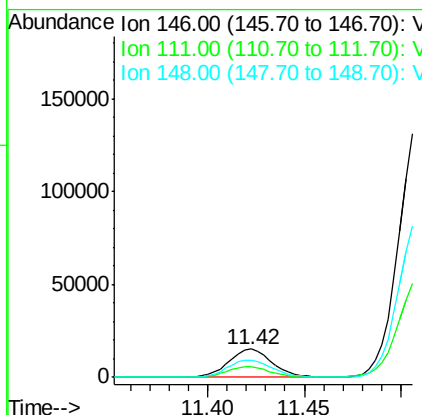
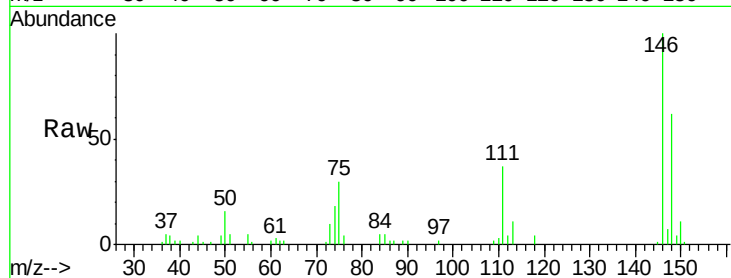




#62
 1,3-Dichlorobenzene
 Concen: 5.280 ug/L
 RT: 11.42 min Scan# 3369
 Delta R.T. 0.00 min
 Lab File: VU024620.D
 Acq: 16 Jun 2018 02:39

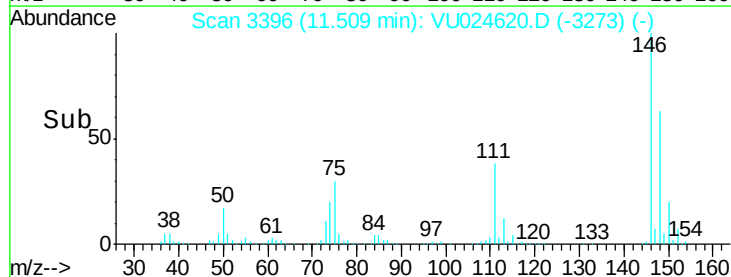
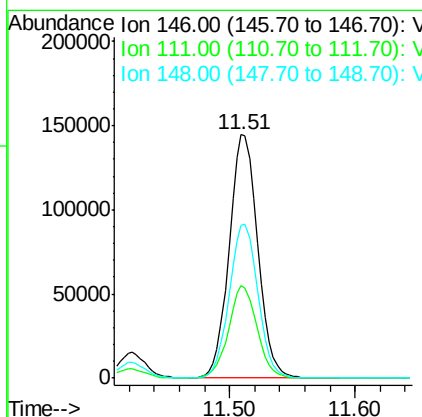
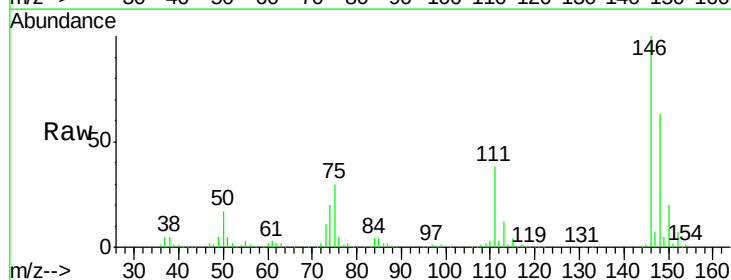
Instrument :
 MSVOA_U
 ClientSampleId :
 C07Z8

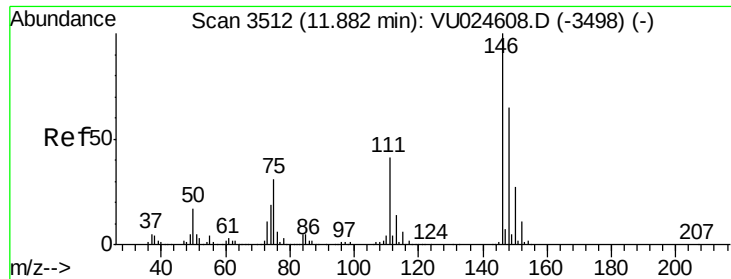
Tgt Ion:146 Resp: 23633
 Ion Ratio Lower Upper
 146 100
 111 36.8 28.4 52.8
 148 62.4 44.3 82.3



#63
 1,4-Dichlorobenzene
 Concen: 50.650 ug/L
 RT: 11.51 min Scan# 3396
 Delta R.T. -0.00 min
 Lab File: VU024620.D
 Acq: 16 Jun 2018 02:39

Tgt Ion:146 Resp: 228650
 Ion Ratio Lower Upper
 146 100
 111 37.9 26.5 49.1
 148 62.8 44.6 82.8

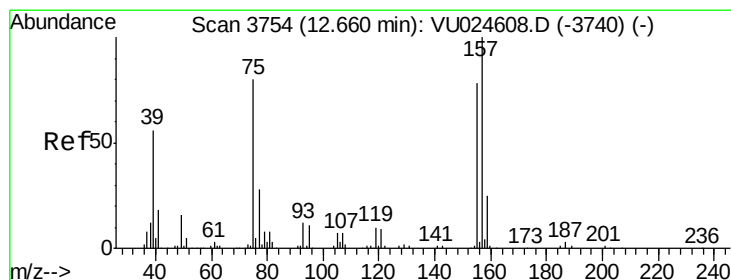
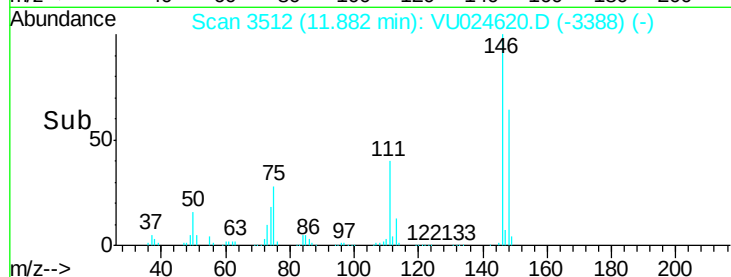
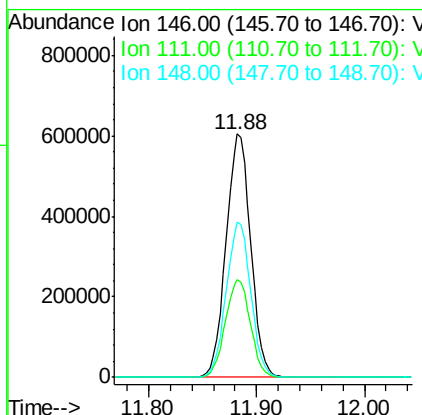
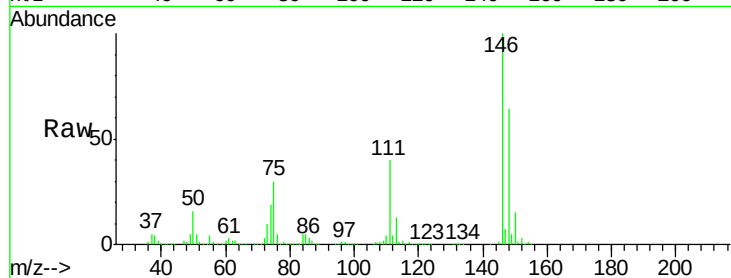




#65
 1,2-Dichlorobenzene
 Concen: 214.637 ug/L
 RT: 11.88 min Scan# 3512
 Delta R.T. 0.00 min
 Lab File: VU024620.D
 Acq: 16 Jun 2018 02:39

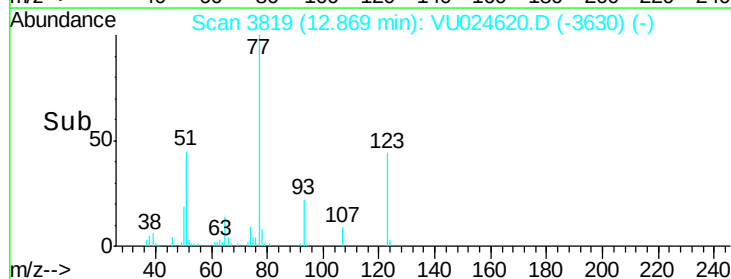
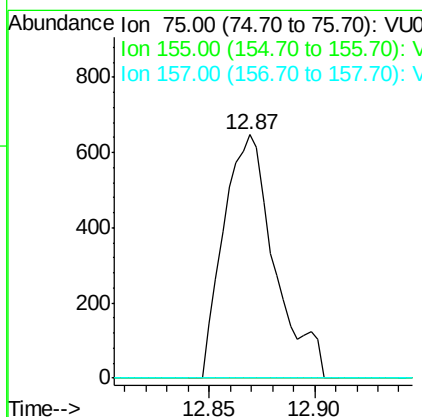
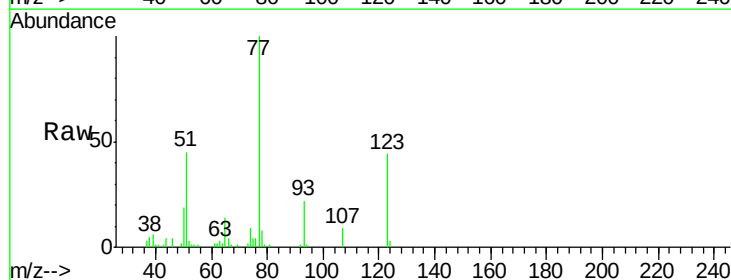
Instrument :
 MSVOA_U
 ClientSampled :
 C07Z8

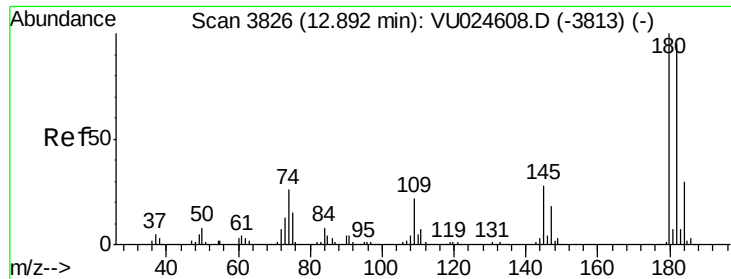
Tgt Ion:146 Resp: 961361
 Ion Ratio Lower Upper
 146 100
 111 40.3 32.2 48.4
 148 63.6 50.8 76.2



#66
 1,2-Dibromo-3-chloropropane
 Concen: 1.382 ug/L
 RT: 12.87 min Scan# 3819
 Delta R.T. 0.21 min
 Lab File: VU024620.D
 Acq: 16 Jun 2018 02:39

Tgt Ion: 75 Resp: 1083
 Ion Ratio Lower Upper
 75 100
 155 0.0 76.8 115.2#
 157 0.0 98.4 147.6#

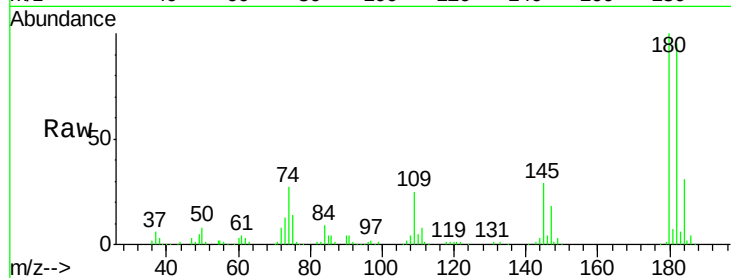




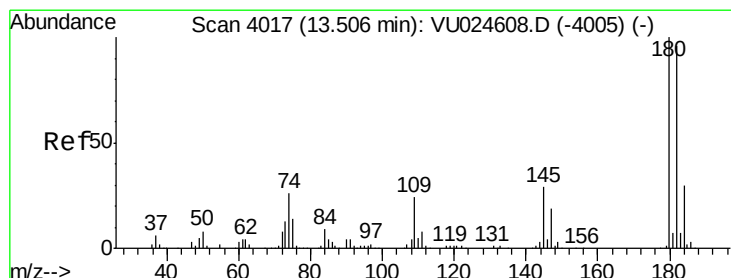
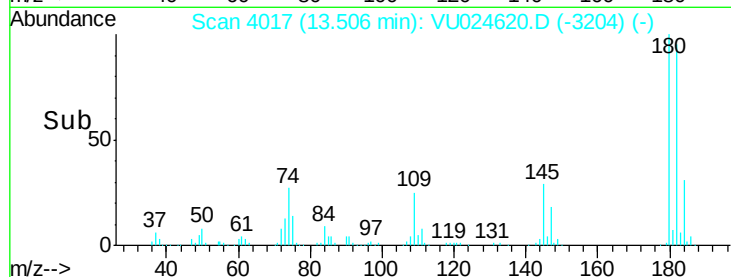
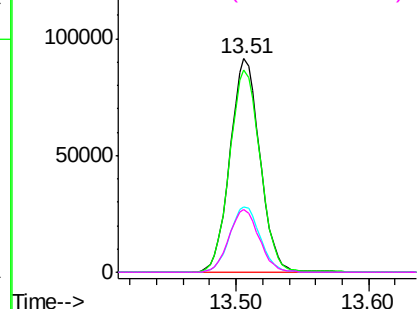
#67
 1,3,5-Trichlorobenzene
 Concen: 40.191 ug/L
 RT: 13.51 min Scan# 4017
 Delta R.T. 0.61 min
 Lab File: VU024620.D
 Acq: 16 Jun 2018 02:39

Instrument :
 MSVOA_U
 ClientSampleId :
 C07Z8

Tgt Ion:180 Resp: 143820
 Ion Ratio Lower Upper
 180 100
 182 97.0 76.2 114.4
 184 31.2 24.7 37.1
 145 29.4 22.6 34.0

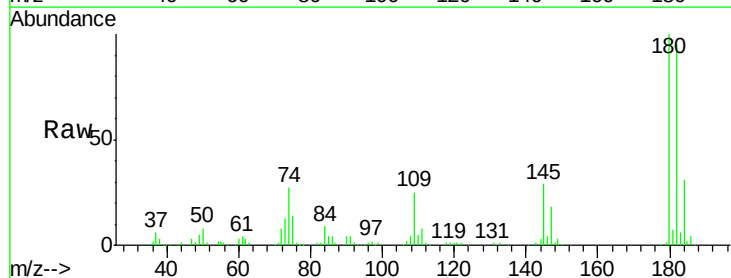


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

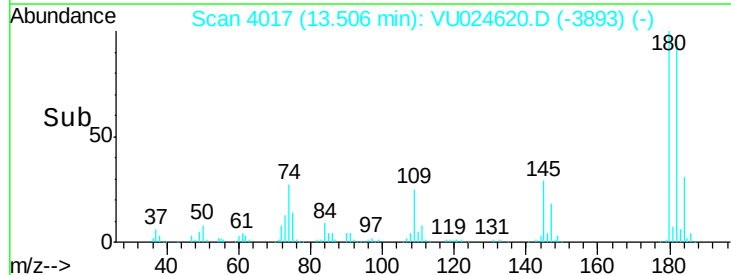
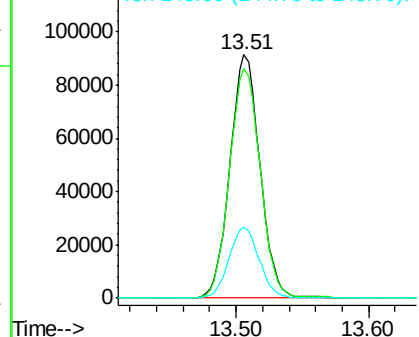


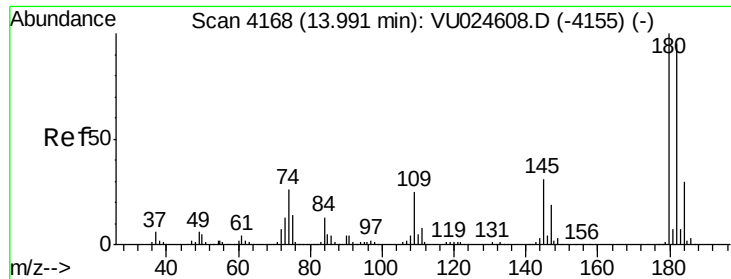
#68
 1,2,4-trichlorobenzene
 Concen: 48.324 ug/L
 RT: 13.51 min Scan# 4017
 Delta R.T. 0.00 min
 Lab File: VU024620.D
 Acq: 16 Jun 2018 02:39

Tgt Ion:180 Resp: 143820
 Ion Ratio Lower Upper
 180 100
 182 97.0 76.2 114.2
 145 29.4 23.0 34.6



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: 36.696 ug/L
 RT: 13.99 min Scan# 4168
 Delta R.T. 0.00 min
 Lab File: VU024620.D
 Acq: 16 Jun 2018 02:39

Instrument :
 MSVOA_U
 ClientSampleId :
 C07Z8

Tgt Ion:180 Resp: 110744
 Ion Ratio Lower Upper
 180 100
 182 98.0 76.4 114.6
 145 30.7 24.5 36.7

