

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080918\
 Data File : VU025996.D
 Acq On : 09 Aug 2018 15:10
 Operator : MD/SY
 Sample : J4361-13DL 200X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 10 05:17:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080918WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 10 05:14:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	258587	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	241393	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	108087	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	99413	52.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	105.18%
7) Chloroethane-d5	1.68	69	81874	54.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	109.26%
11) 1,1-Dichloroethene-d2	2.27	63	150845	42.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.00%
21) 2-Butanone-d5	4.18	46	178543	113.33	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	113.33%
24) Chloroform-d	4.65	84	220605	55.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.08%
26) 1,2-Dichloroethane-d4	5.31	65	152569	56.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	112.70%
32) Benzene-d6	5.34	84	429112	57.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	114.50%
36) 1,2-Dichloropropane-d6	6.33	67	140230	57.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	115.64%
41) Toluene-d8	7.57	98	391638	54.61	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.22%
43) trans-1,3-Dichloropropene-	7.85	79	68033	55.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	111.34%
47) 2-Hexanone-d5	8.31	63	127974	116.17	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	116.17%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	197612	55.71	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	111.42%
64) 1,2-Dichlorobenzene-d4	11.86	152	158445	59.47	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	118.94%

Target Compounds

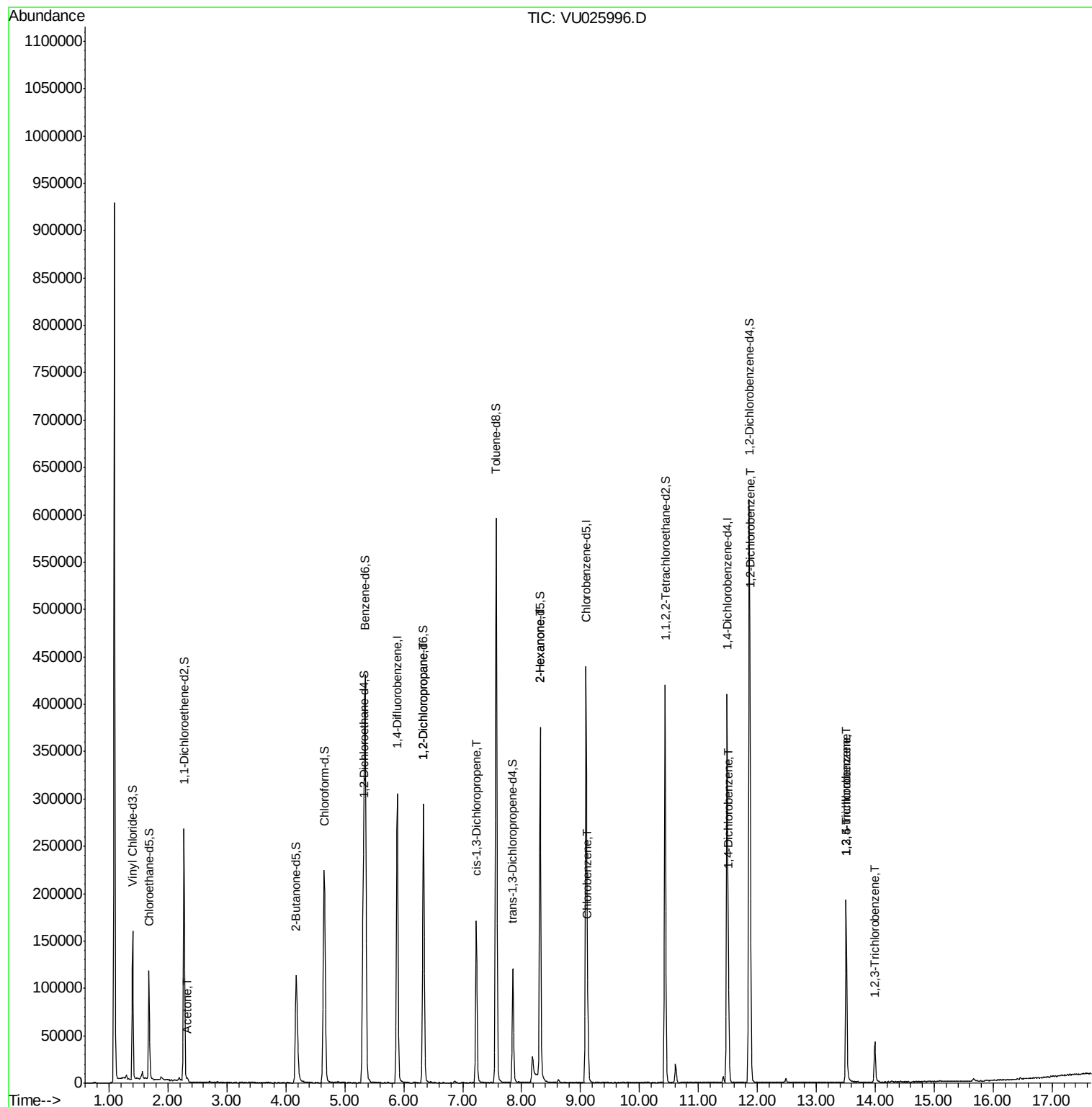
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.32	43	2124	2.170	ug/L	83
37) 1,2-Dichloropropane	6.34	63	15607	8.296	ug/L #	88
39) cis-1,3-Dichloropropene	7.23	75	4459	1.564	ug/L #	71
48) 2-Hexanone	8.31	43	14516	7.208	ug/L #	65
51) Chlorobenzene	9.12	112	40514	8.234	ug/L	96
63) 1,4-Dichlorobenzene	11.51	146	31715	8.991	ug/L	98
65) 1,2-Dichlorobenzene	11.88	146	56489	15.771	ug/L	97
67) 1,3,5-Trichlorobenzene	13.51	180	61946	24.631	ug/L	99
68) 1,2,4-trichlorobenzene	13.51	180	61946	29.127	ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	15098	6.605	ug/L	96

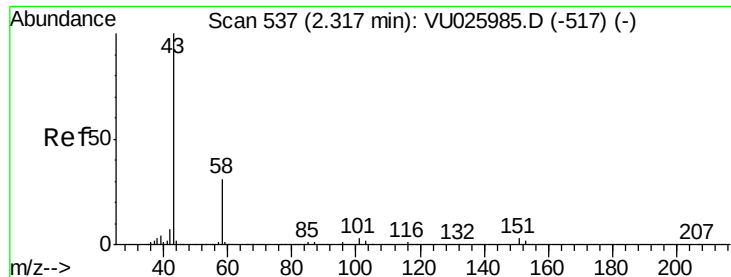
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Aug 10 05:14:50 2018
Response via : Initial Calibration





#13

Acetone

Concen: 2.170 ug/L

RT: 2.32 min Scan# 539

Delta R.T. 0.01 min

Lab File: VU025996.D

Acq: 09 Aug 2018 15:10

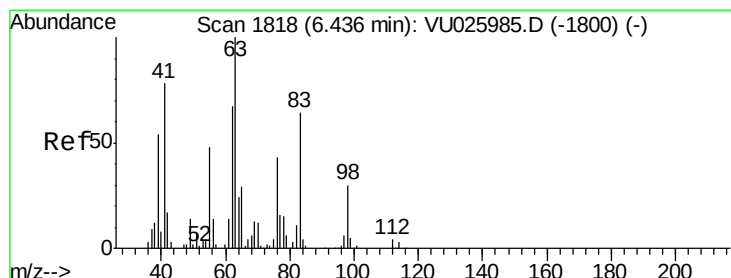
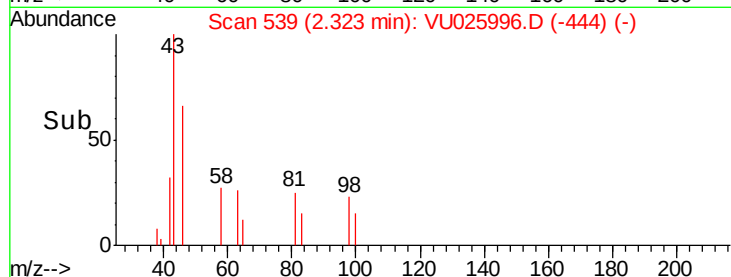
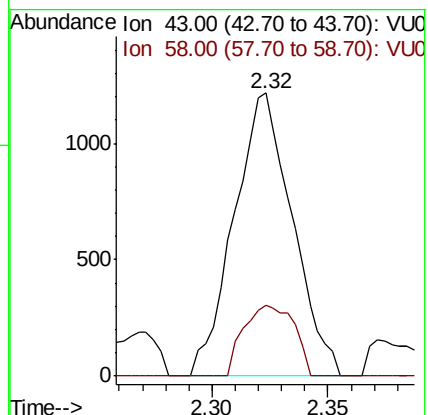
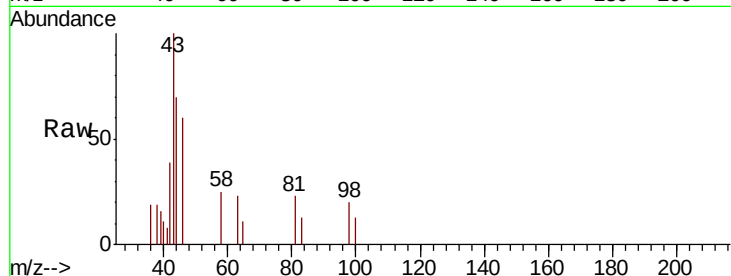
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 43 Resp: 2124

Ion Ratio Lower Upper

43 100

58 21.4 0.0 61.8



#37

1,2-Dichloropropane

Concen: 8.296 ug/L

RT: 6.34 min Scan# 1787

Delta R.T. -0.10 min

Lab File: VU025996.D

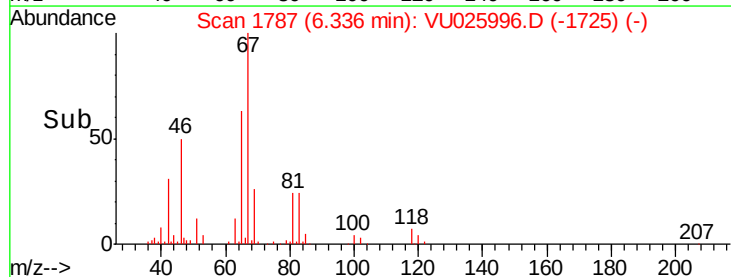
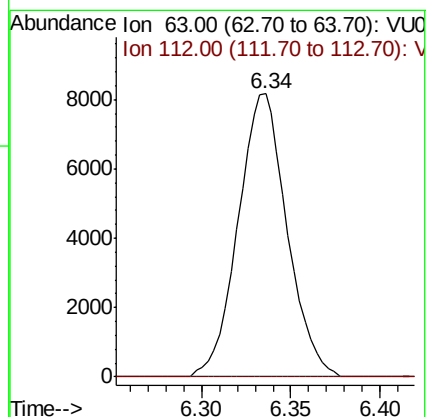
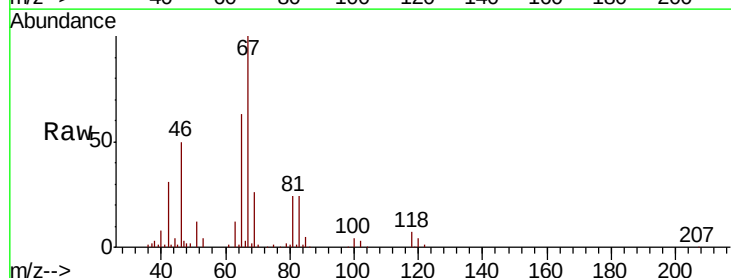
Acq: 09 Aug 2018 15:10

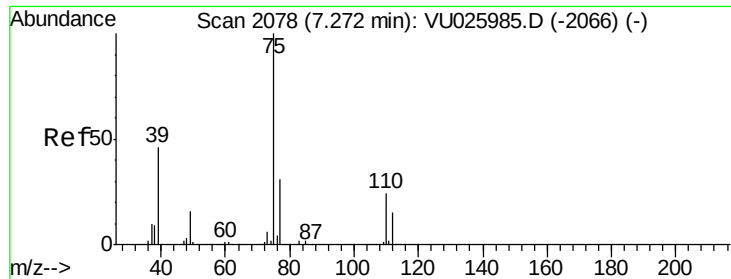
Tgt Ion: 63 Resp: 15607

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#

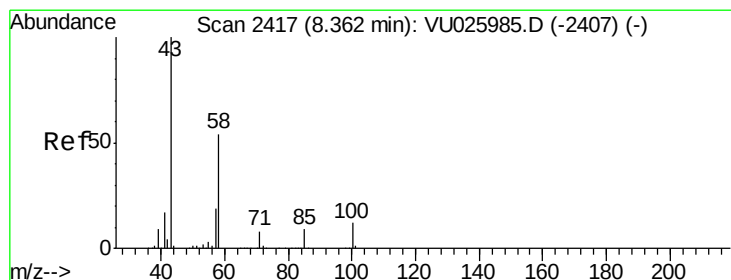
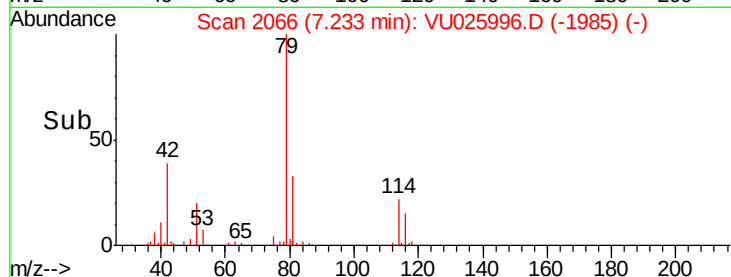
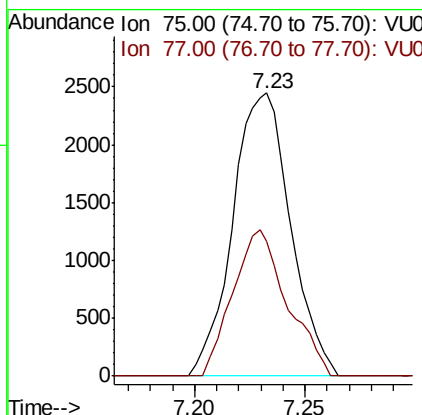
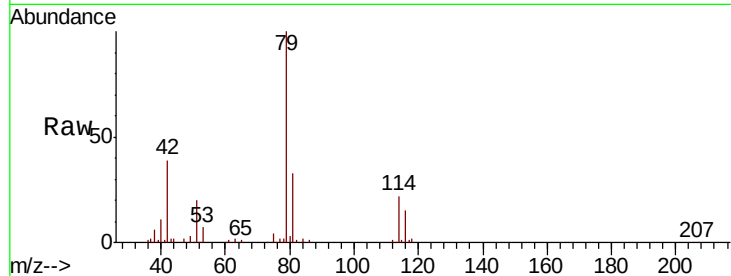




#39
 cis-1,3-Dichloropropene
 Concen: 1.564 ug/L
 RT: 7.23 min Scan# 2066
 Delta R.T. -0.04 min
 Lab File: VU025996.D
 Acq: 09 Aug 2018 15:10

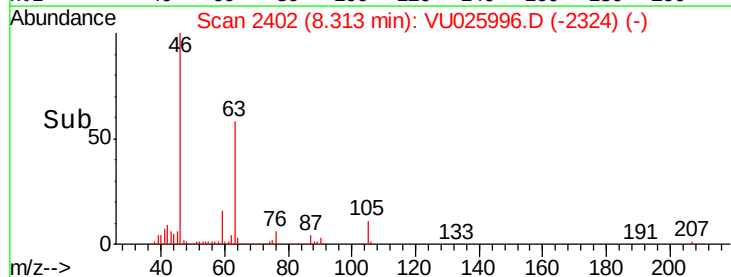
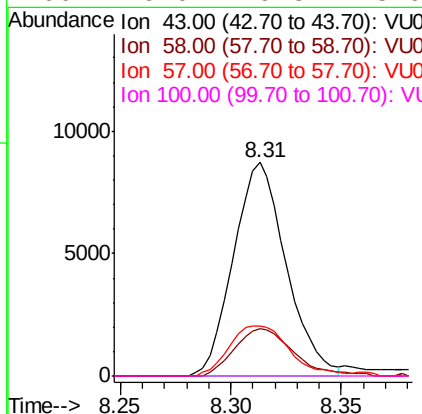
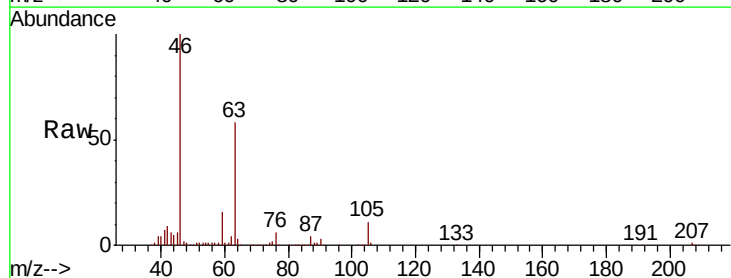
Instrument :
 MSVOA_U
 ClientSampleId :

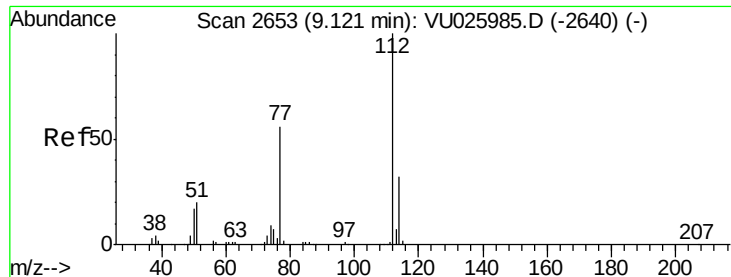
Tot Ion: 75 Resp: 4459
 Ion Ratio Lower Upper
 75 100
 77 47.6 22.1 41.1#



#48
 2-Hexanone
 Concen: 7.208 ug/L
 RT: 8.31 min Scan# 2402
 Delta R.T. -0.05 min
 Lab File: VU025996.D
 Acq: 09 Aug 2018 15:10

Tgt Ion: 43 Resp: 14516
 Ion Ratio Lower Upper
 43 100
 58 24.7 43.6 65.4#
 57 26.7 15.1 22.7#
 100 0.0 9.3 13.9#





#51

Chlorobenzene

Concen: 8.234 ug/L

RT: 9.12 min Scan# 2654

Delta R.T. 0.00 min

Lab File: VU025996.D

Acq: 09 Aug 2018 15:10

Instrument :

MSVOA_U

ClientSampleId :

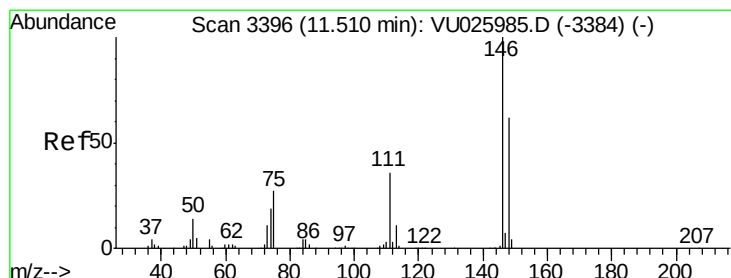
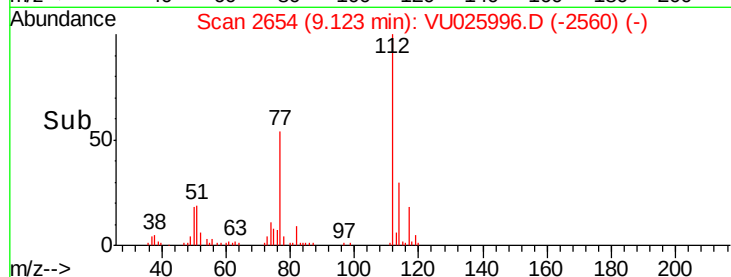
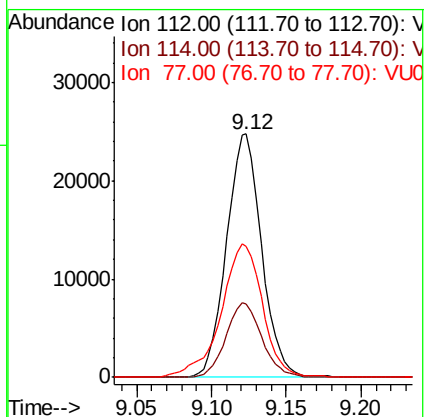
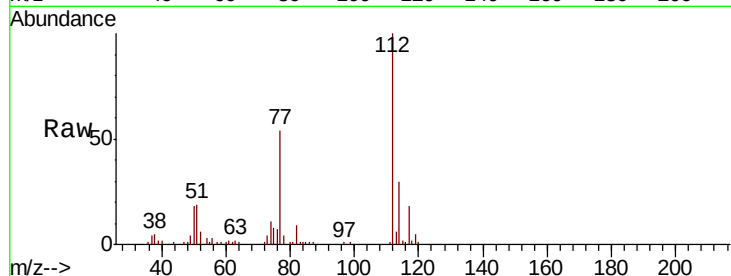
Tot Ion:112 Resp: 40514

Ion Ratio Lower Upper

112 100

114 30.1 22.7 42.3

77 53.9 45.2 67.8



#63

1,4-Dichlorobenzene

Concen: 8.991 ug/L

RT: 11.51 min Scan# 3397

Delta R.T. 0.00 min

Lab File: VU025996.D

Acq: 09 Aug 2018 15:10

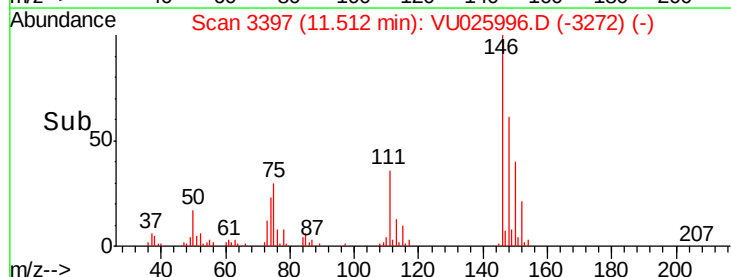
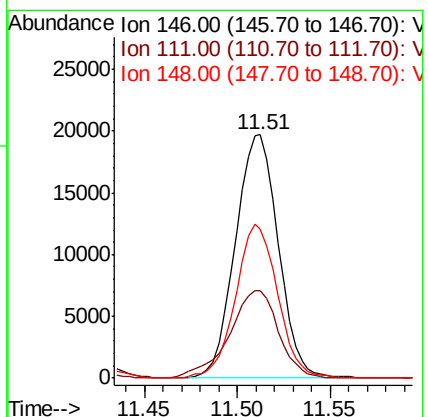
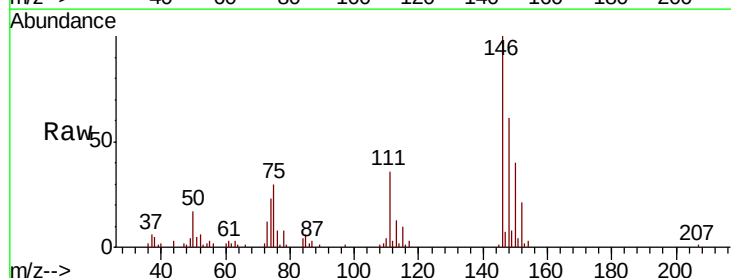
Tgt Ion:146 Resp: 31715

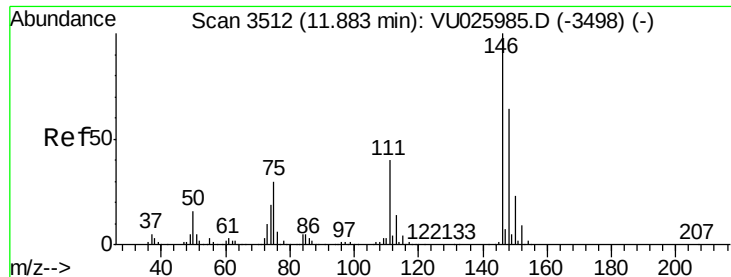
Ion Ratio Lower Upper

146 100

111 36.0 26.4 49.0

148 61.1 43.8 81.4

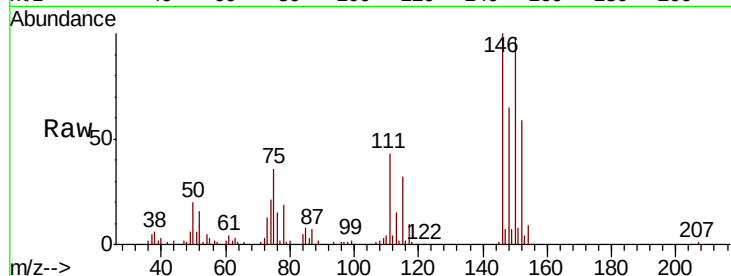




#65
 1,2-Dichlorobenzene
 Concen: 15.771 ug/L
 RT: 11.88 min Scan# 3512
 Delta R.T. -0.00 min
 Lab File: VU025996.D
 Acq: 09 Aug 2018 15:10

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.0	32.4	48.6
148	64.6	50.1	75.1

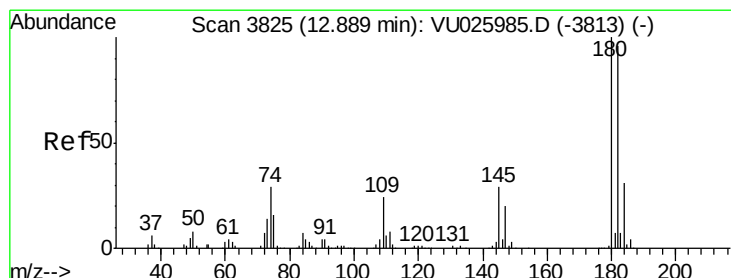
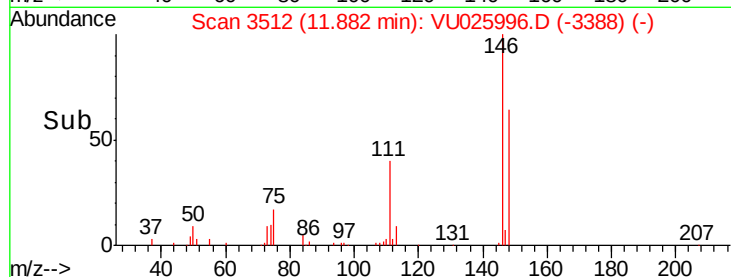
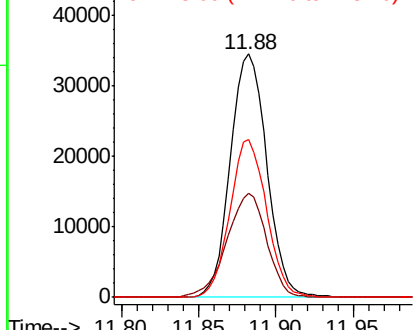


Abundance

Ion 146.00 (145.70 to 146.70): V

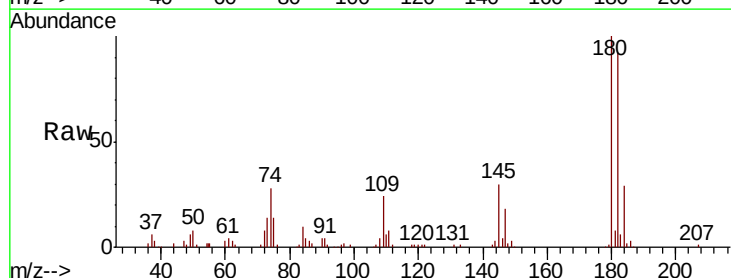
Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#67
 1,3,5-Trichlorobenzene
 Concen: 24.631 ug/L
 RT: 13.51 min Scan# 4017
 Delta R.T. 0.62 min
 Lab File: VU025996.D
 Acq: 09 Aug 2018 15:10

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	76.5	114.7
184	30.3	24.3	36.5
145	30.5	23.5	35.3



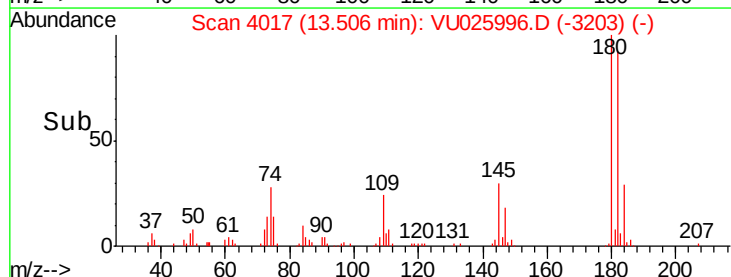
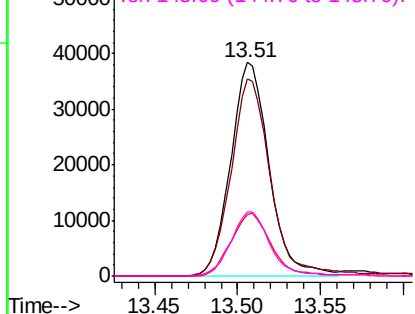
Abundance

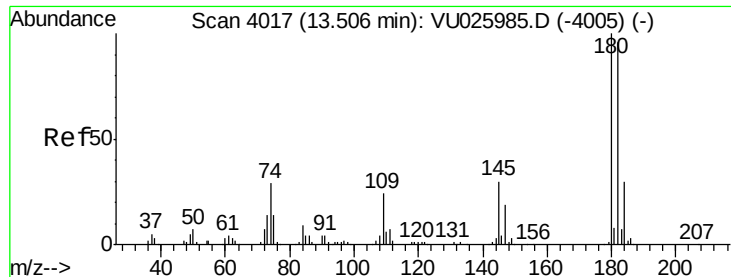
Ion 180.00 (179.70 to 180.70): V

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

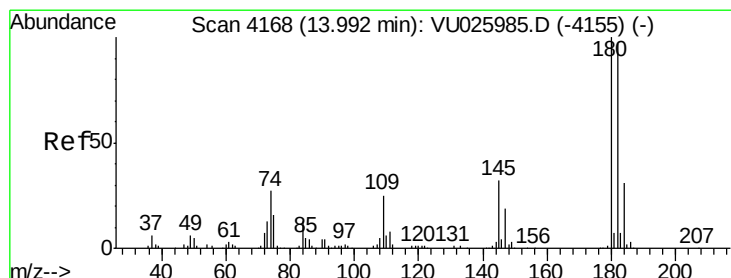
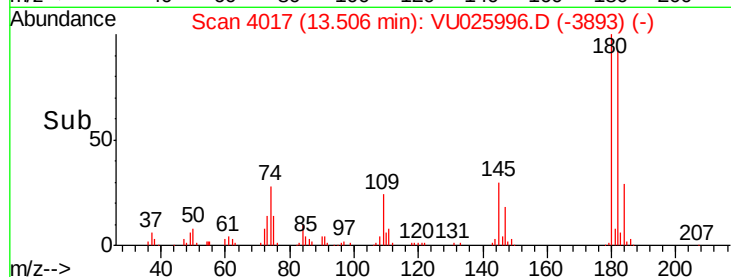
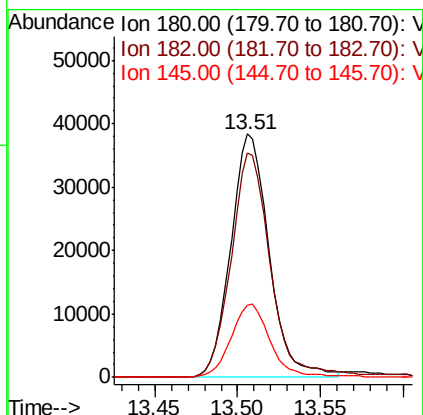
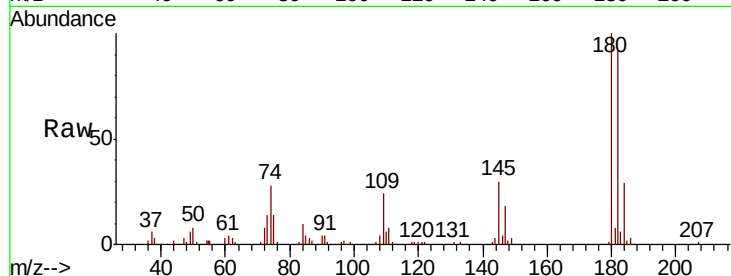




#68
 1,2,4-trichlorobenzene
 Concen: 29.127 ug/L
 RT: 13.51 min Scan# 4017
 Delta R.T. -0.00 min
 Lab File: VU025996.D
 Acq: 09 Aug 2018 15:10

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion:180 Resp: 61946
 Ion Ratio Lower Upper
 180 100
 182 94.6 76.5 114.7
 145 30.5 24.2 36.4



#70
 1,2,3-Trichlorobenzene
 Concen: 6.605 ug/L
 RT: 13.99 min Scan# 4168
 Delta R.T. -0.00 min
 Lab File: VU025996.D
 Acq: 09 Aug 2018 15:10

Tgt Ion:180 Resp: 15098
 Ion Ratio Lower Upper
 180 100
 182 100.7 76.5 114.7
 145 31.3 24.7 37.1

