

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080918\
 Data File : VU025989.D
 Acq On : 09 Aug 2018 12:20
 Operator : MD/SY
 Sample : J4361-02 10X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 10 05:16:03 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	298413	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	286670	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	139974	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	102873	47.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.32%
7) Chloroethane-d5	1.68	69	87790	50.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.52%
11) 1,1-Dichloroethene-d2	2.27	63	152455	36.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.56%
21) 2-Butanone-d5	4.17	46	178252	98.05	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.05%
24) Chloroform-d	4.65	84	227361	49.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.30%
26) 1,2-Dichloroethane-d4	5.31	65	157293	50.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.68%
32) Benzene-d6	5.35	84	442928	49.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.52%
36) 1,2-Dichloropropane-d6	6.33	67	145359	50.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.94%
41) Toluene-d8	7.57	98	416471	48.90	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.80%
43) trans-1,3-Dichloropropene-	7.85	79	71210	49.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.14%
47) 2-Hexanone-d5	8.31	63	127690	97.60	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.60%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	203982	48.43	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.86%
64) 1,2-Dichlorobenzene-d4	11.86	152	177795	51.53	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.06%

Target Compounds

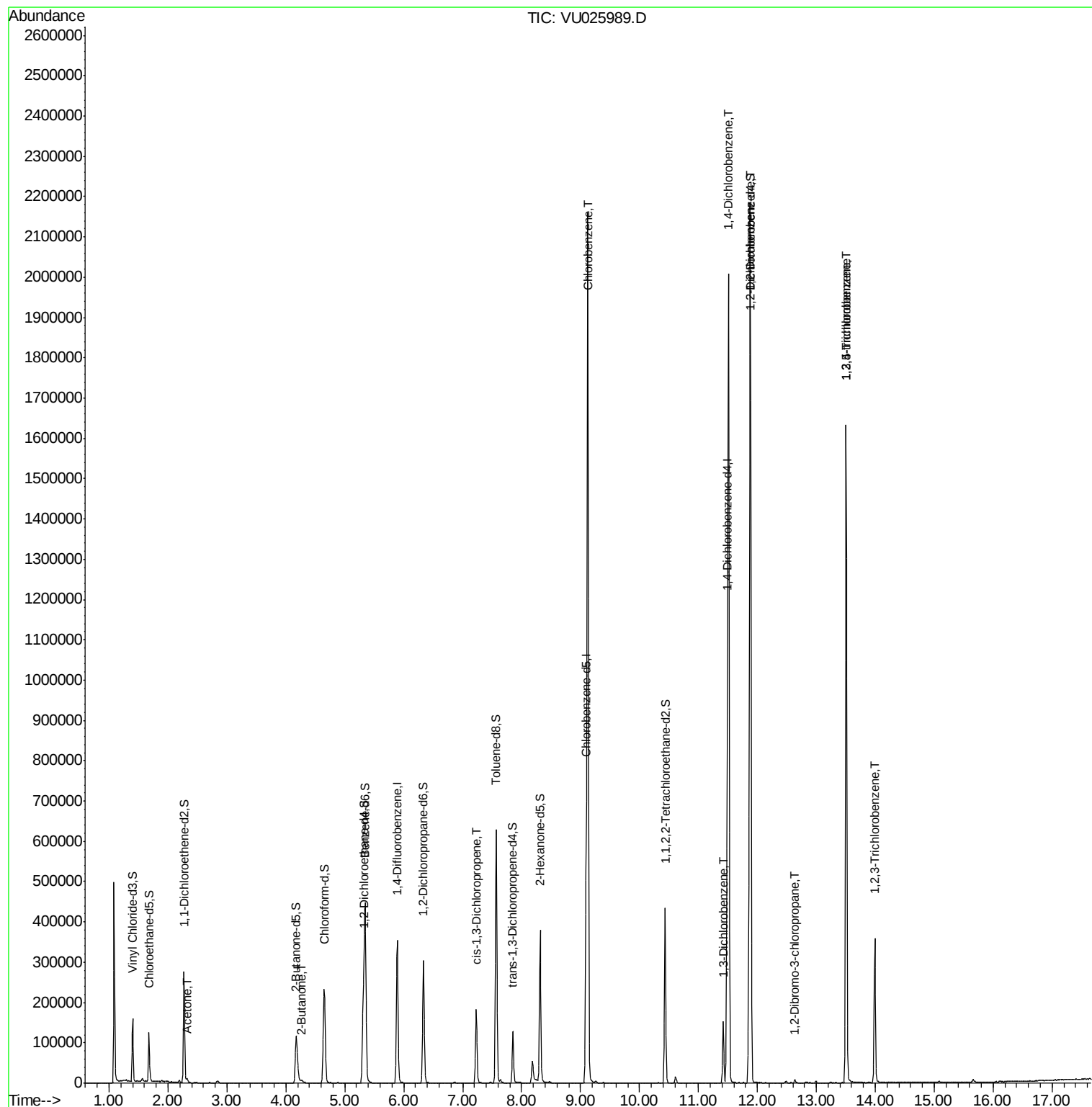
					Ovalue
13) Acetone	2.32	43	9208	8.153	ug/L 100
22) 2-Butanone	4.27	43	8696	5.322	ug/L # 72
39) cis-1,3-Dichloropropene	7.23	75	4721	1.394	ug/L 83
51) Chlorobenzene	9.12	112	1138202	194.780	ug/L 99
62) 1,3-Dichlorobenzene	11.42	146	61250	14.056	ug/L 99
63) 1,4-Dichlorobenzene	11.51	146	778579	170.437	ug/L 98
65) 1,2-Dichlorobenzene	11.88	146	830268	178.999	ug/L 99
66) 1,2-Dibromo-3-chloropropan	12.64	75	1200	1.474	ug/L # 1
67) 1,3,5-Trichlorobenzene	13.51	180	488975	150.137	ug/L 99
68) 1,2,4-trichlorobenzene	13.51	180	488975	177.542	ug/L 99
70) 1,2,3-Trichlorobenzene	13.99	180	115085	38.878	ug/L 100

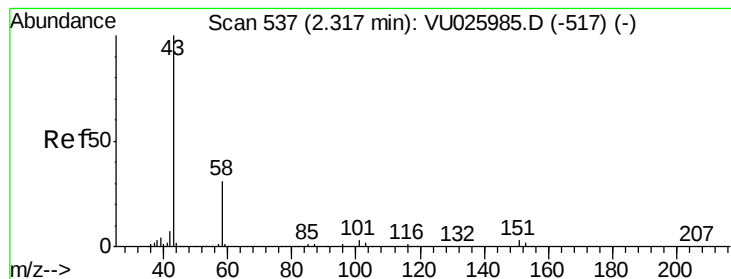
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#13

Acetone

Concen: 8.153 ug/L

RT: 2.32 min Scan# 539

Delta R.T. 0.01 min

Lab File: VU025989.D

Acq: 09 Aug 2018 12:20

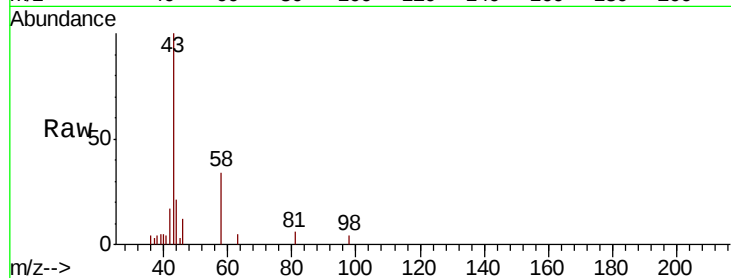
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 9208

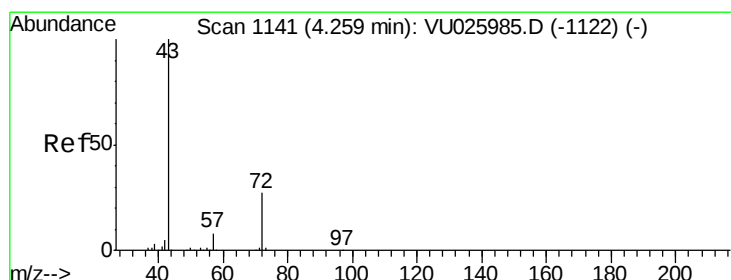
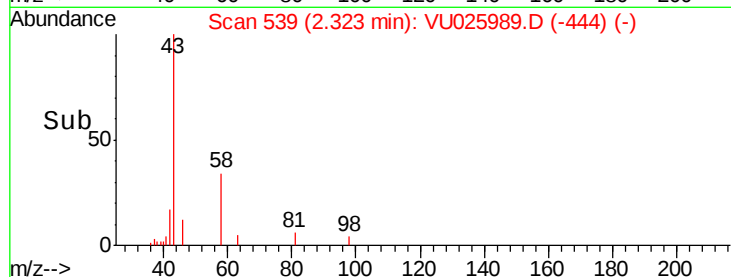
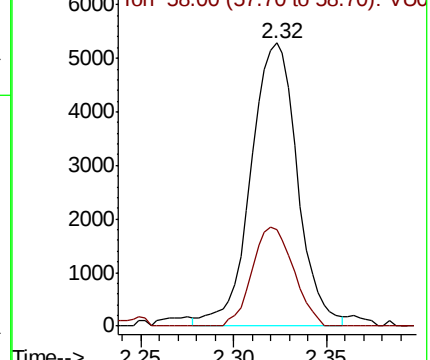
Ion Ratio Lower Upper

43 100

58 31.1 0.0 61.8



Abundance Ion 43.00 (42.70 to 43.70): VU025989.D (-1048) (-)



#22

2-Butanone

Concen: 5.322 ug/L

RT: 4.27 min Scan# 1145

Delta R.T. 0.01 min

Lab File: VU025989.D

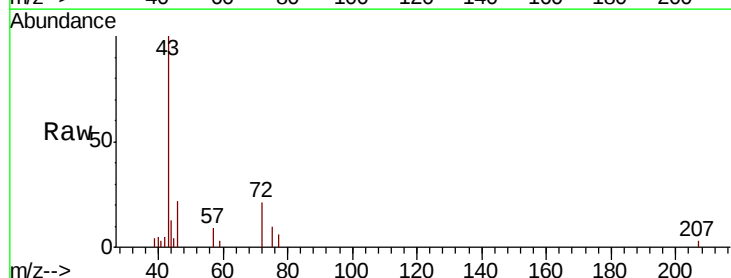
Acq: 09 Aug 2018 12:20

Tgt Ion: 43 Resp: 8696

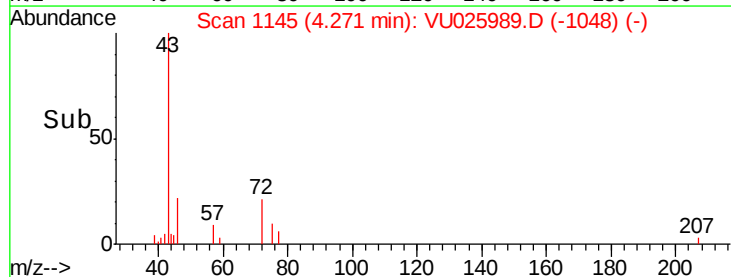
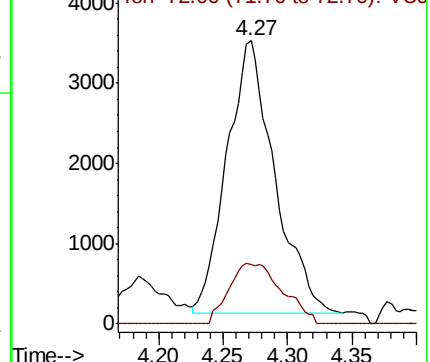
Ion Ratio Lower Upper

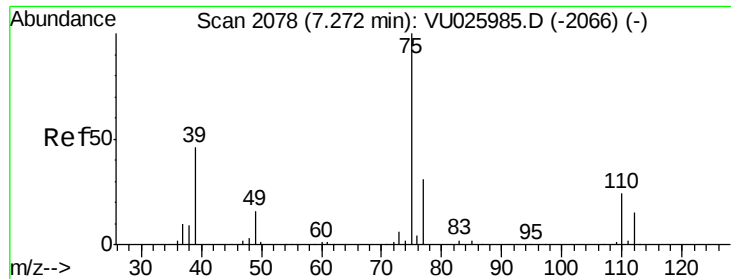
43 100

72 12.5 13.5 40.5#



Abundance Ion 43.00 (42.70 to 43.70): VU025989.D (-1048) (-)

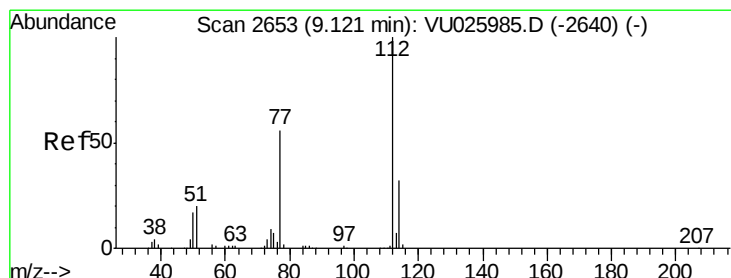
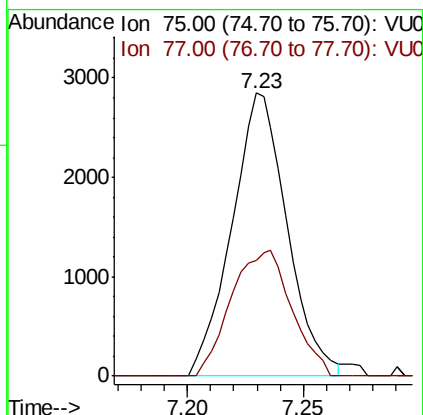
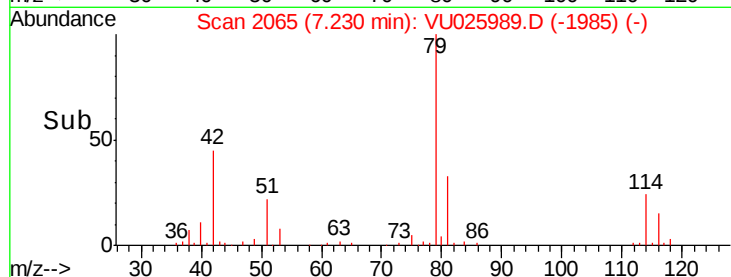
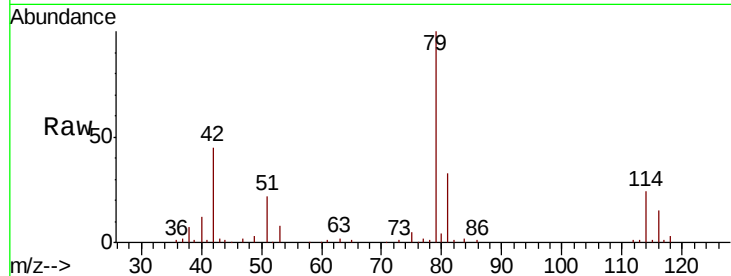




#39
 cis-1,3-Dichloropropene
 Concen: 1.394 ug/L
 RT: 7.23 min Scan# 2065
 Delta R.T. -0.04 min
 Lab File: VU025989.D
 Acq: 09 Aug 2018 12:20

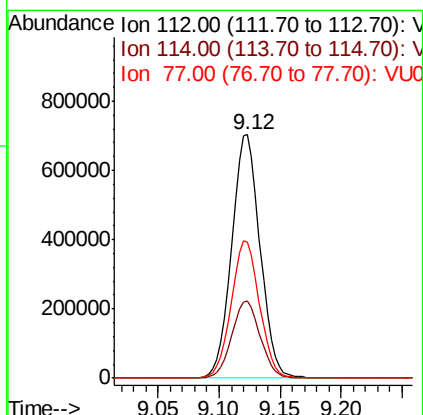
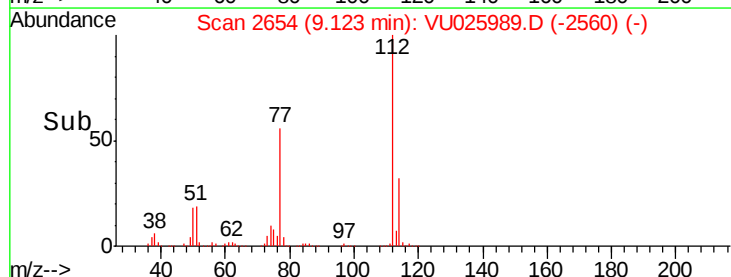
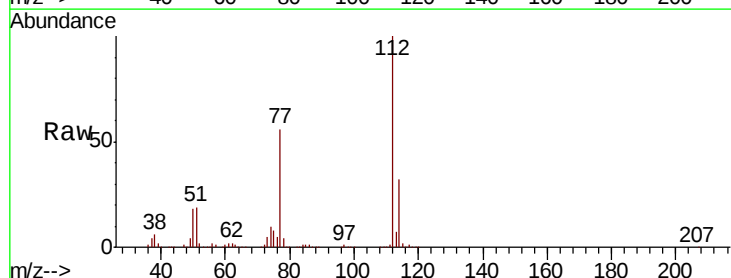
Instrument :
 MSVOA_U
 ClientSampleId :

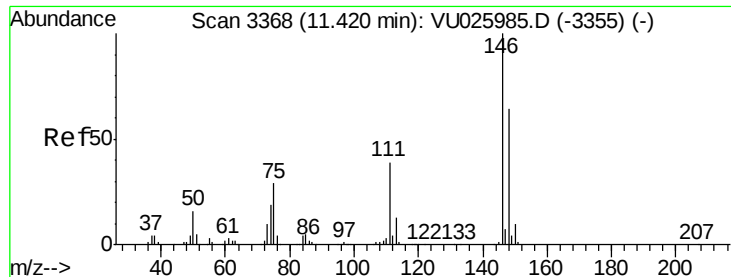
Tot Ion: 75 Resp: 4721
 Ion Ratio Lower Upper
 75 100
 77 41.0 22.1 41.1



#51
 Chlorobenzene
 Concen: 194.780 ug/L
 RT: 9.12 min Scan# 2654
 Delta R.T. 0.00 min
 Lab File: VU025989.D
 Acq: 09 Aug 2018 12:20

Tgt Ion: 112 Resp: 1138202
 Ion Ratio Lower Upper
 112 100
 114 31.7 22.7 42.3
 77 55.8 45.2 67.8





#62

1,3-Dichlorobenzene

Concen: 14.056 ug/L

RT: 11.42 min Scan# 3368

Delta R.T. -0.00 min

Lab File: VU025989.D

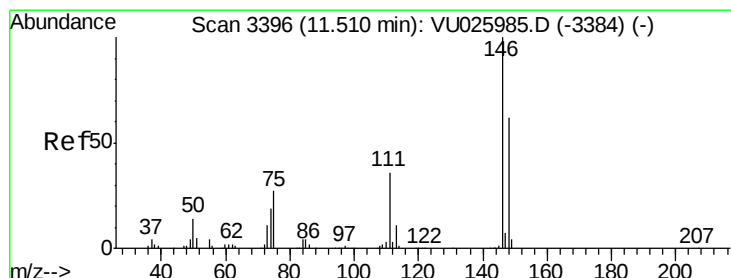
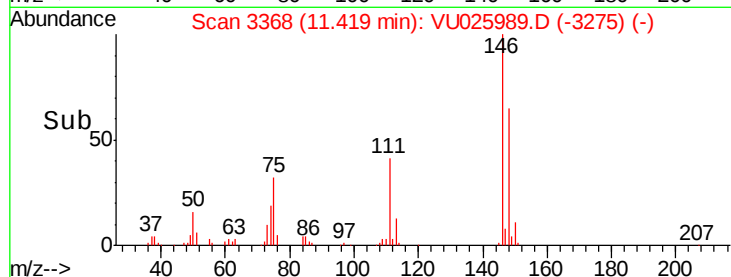
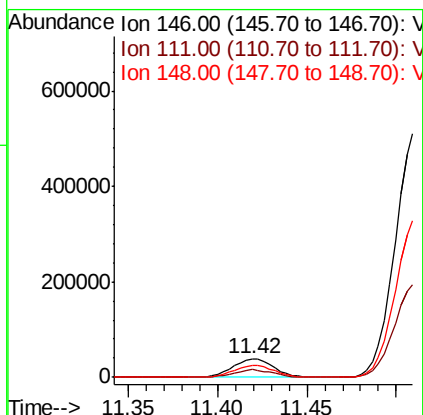
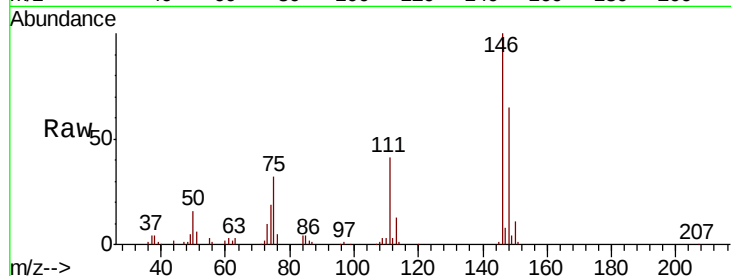
Acq: 09 Aug 2018 12:20

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion:146	Resp:	61250
Ion	Ratio	Lower Upper
146	100	
111	41.0	27.9 51.9
148	65.2	46.0 85.4



#63

1,4-Dichlorobenzene

Concen: 170.437 ug/L

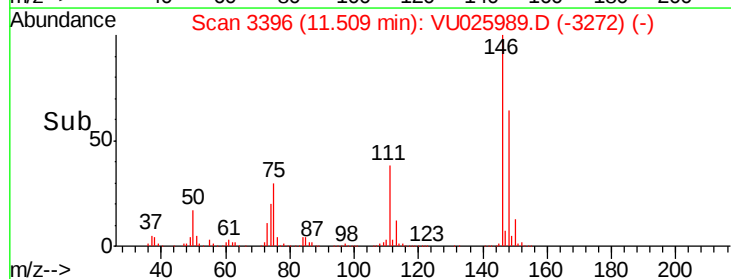
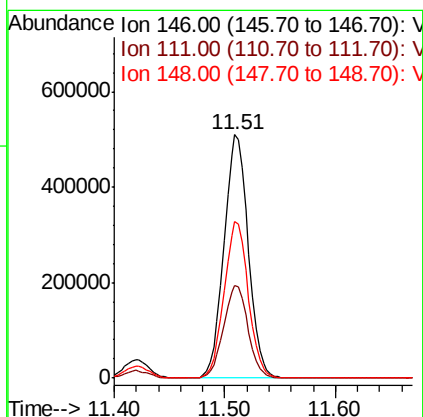
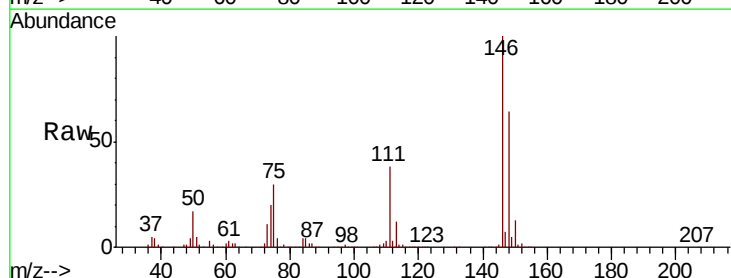
RT: 11.51 min Scan# 3396

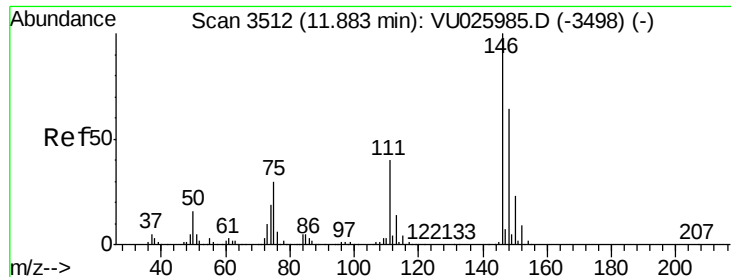
Delta R.T. -0.00 min

Lab File: VU025989.D

Acq: 09 Aug 2018 12:20

Tgt Ion:146	Resp:	778579
Ion	Ratio	Lower Upper
146	100	
111	38.2	26.4 49.0
148	64.3	43.8 81.4

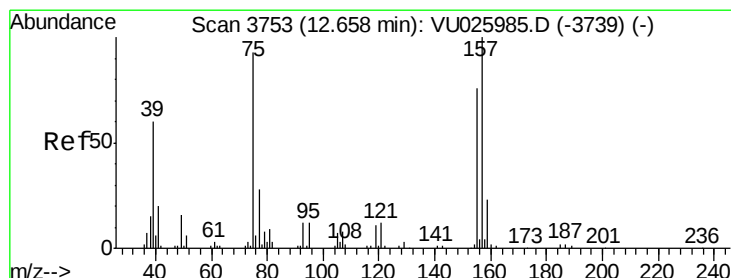
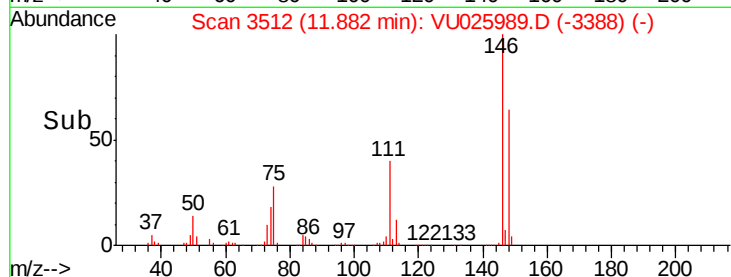
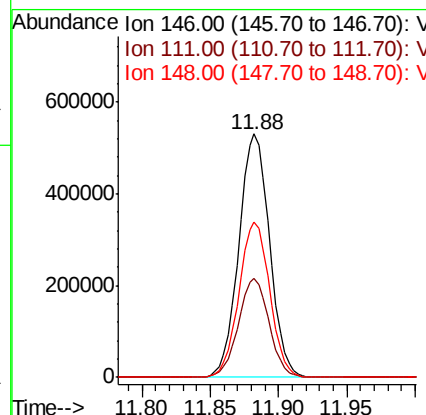
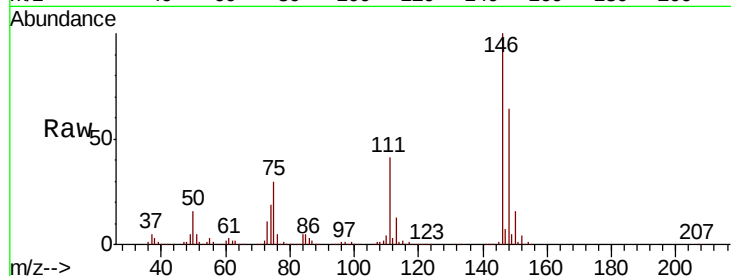




#65
 1,2-Dichlorobenzene
 Concen: 178.999 ug/L
 RT: 11.88 min Scan# 3512
 Delta R.T. -0.00 min
 Lab File: VU025989.D
 Acq: 09 Aug 2018 12:20

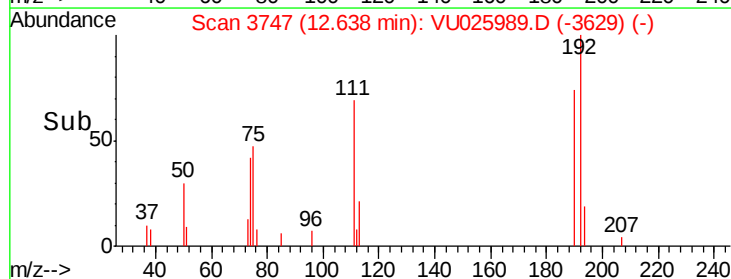
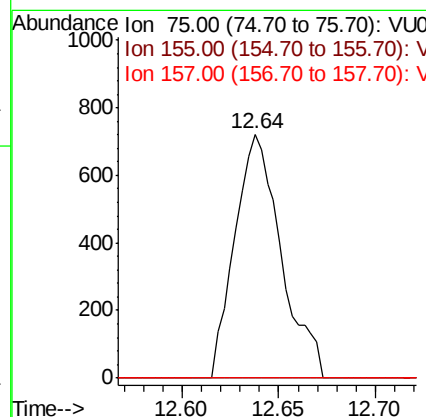
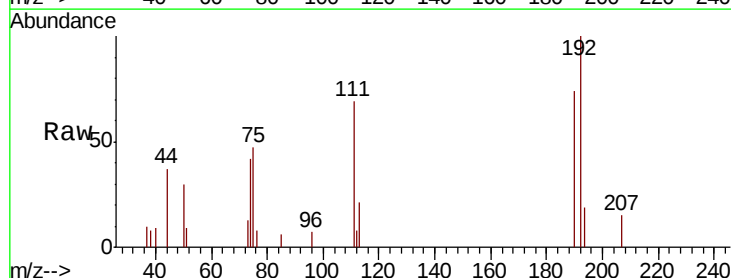
Instrument :
 MSVOA_U
 ClientSampleId :

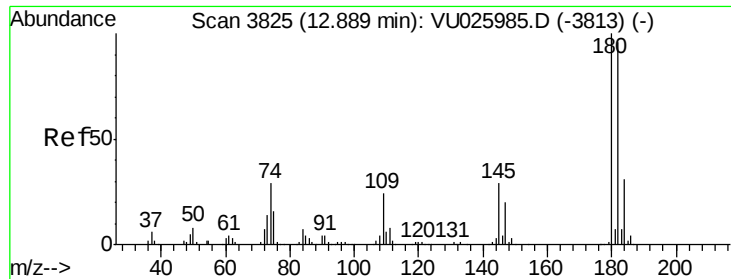
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.6	32.4	48.6
148	63.7	50.1	75.1



#66
 1,2-Dibromo-3-chloropropane
 Concen: 1.474 ug/L
 RT: 12.64 min Scan# 3747
 Delta R.T. -0.02 min
 Lab File: VU025989.D
 Acq: 09 Aug 2018 12:20

Tgt Ion	Ratio	Lower	Upper
75	100		
155	0.0	71.8	107.8#
157	0.0	93.0	139.6#

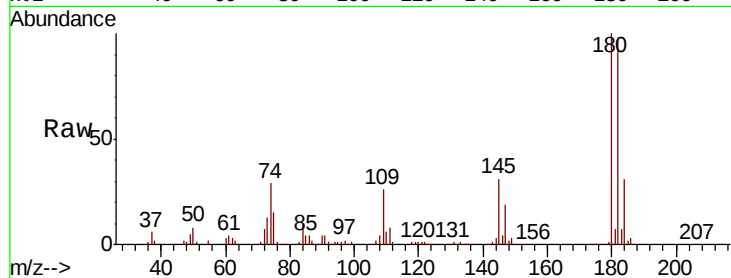




#67
 1,3,5-Trichlorobenzene
 Concen: 150.137 ug/L
 RT: 13.51 min Scan# 4017
 Delta R.T. 0.62 min
 Lab File: VU025989.D
 Acq: 09 Aug 2018 12:20

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.7	76.5	114.7
184	30.6	24.3	36.5
145	30.2	23.5	35.3



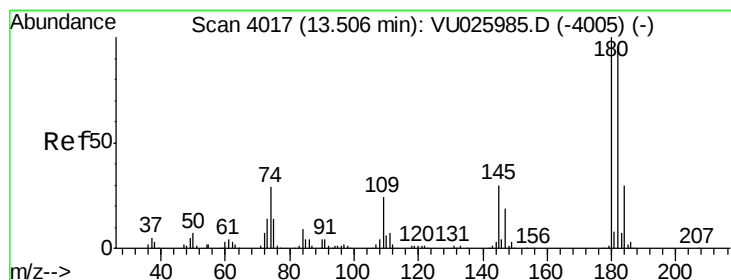
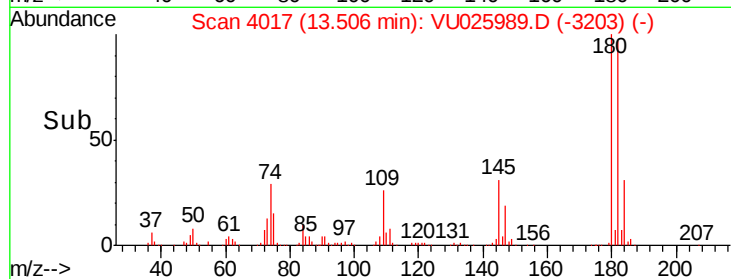
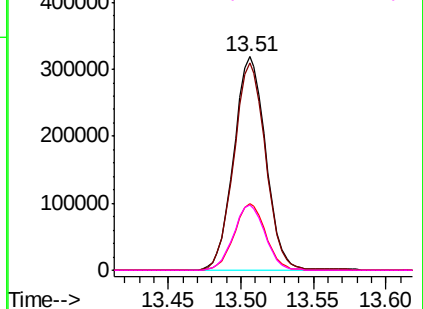
Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

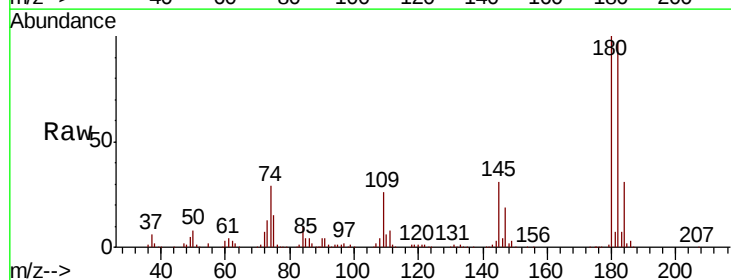
Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V



#68
 1,2,4-trichlorobenzene
 Concen: 177.542 ug/L
 RT: 13.51 min Scan# 4017
 Delta R.T. -0.00 min
 Lab File: VU025989.D
 Acq: 09 Aug 2018 12:20

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.7	76.5	114.7
145	30.2	24.2	36.4

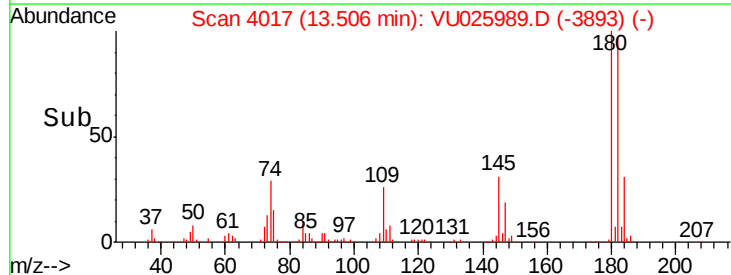
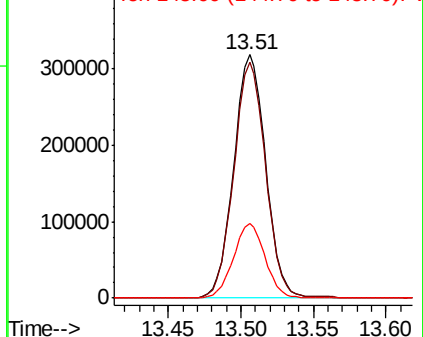


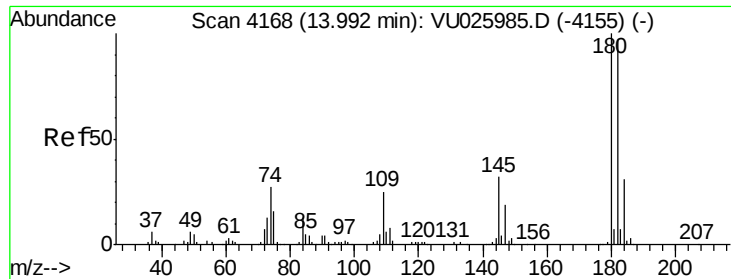
Abundance

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

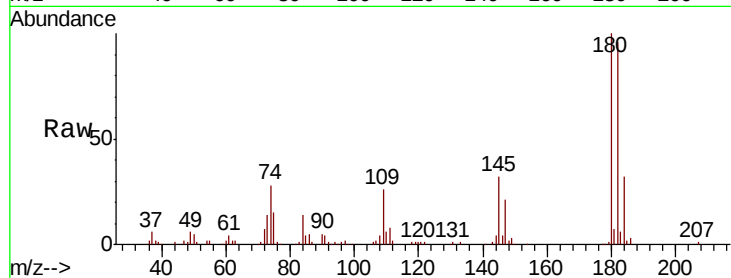




#70
 1,2,3-Trichlorobenzene
 Concen: 38.878 ug/L
 RT: 13.99 min Scan# 4168
 Delta R.T. -0.00 min
 Lab File: VU025989.D
 Acq: 09 Aug 2018 12:20

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.6	76.5	114.7
145	31.8	24.7	37.1



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

