

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080918\
 Data File : VU025994.D
 Acq On : 09 Aug 2018 14:22
 Operator : MD/SY
 Sample : J4361-09 10X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 10 05:16:46 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	298425	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	273187	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	119750	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	100138	45.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.82%
7) Chloroethane-d5	1.68	69	81101	46.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.78%
11) 1,1-Dichloroethene-d2	2.27	63	147413	35.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.12%
21) 2-Butanone-d5	4.18	46	174581	96.03	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.03%
24) Chloroform-d	4.65	84	217294	46.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.96%
26) 1,2-Dichloroethane-d4	5.31	65	152599	48.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.68%
32) Benzene-d6	5.35	84	423948	49.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.96%
36) 1,2-Dichloropropane-d6	6.33	67	139900	50.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.94%
41) Toluene-d8	7.57	98	389989	48.05	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.10%
43) trans-1,3-Dichloropropene-	7.85	79	70357	50.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.74%
47) 2-Hexanone-d5	8.31	63	121400	97.38	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.38%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	194089	48.35	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.70%
64) 1,2-Dichlorobenzene-d4	11.86	152	151392	51.28	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.56%

Target Compounds

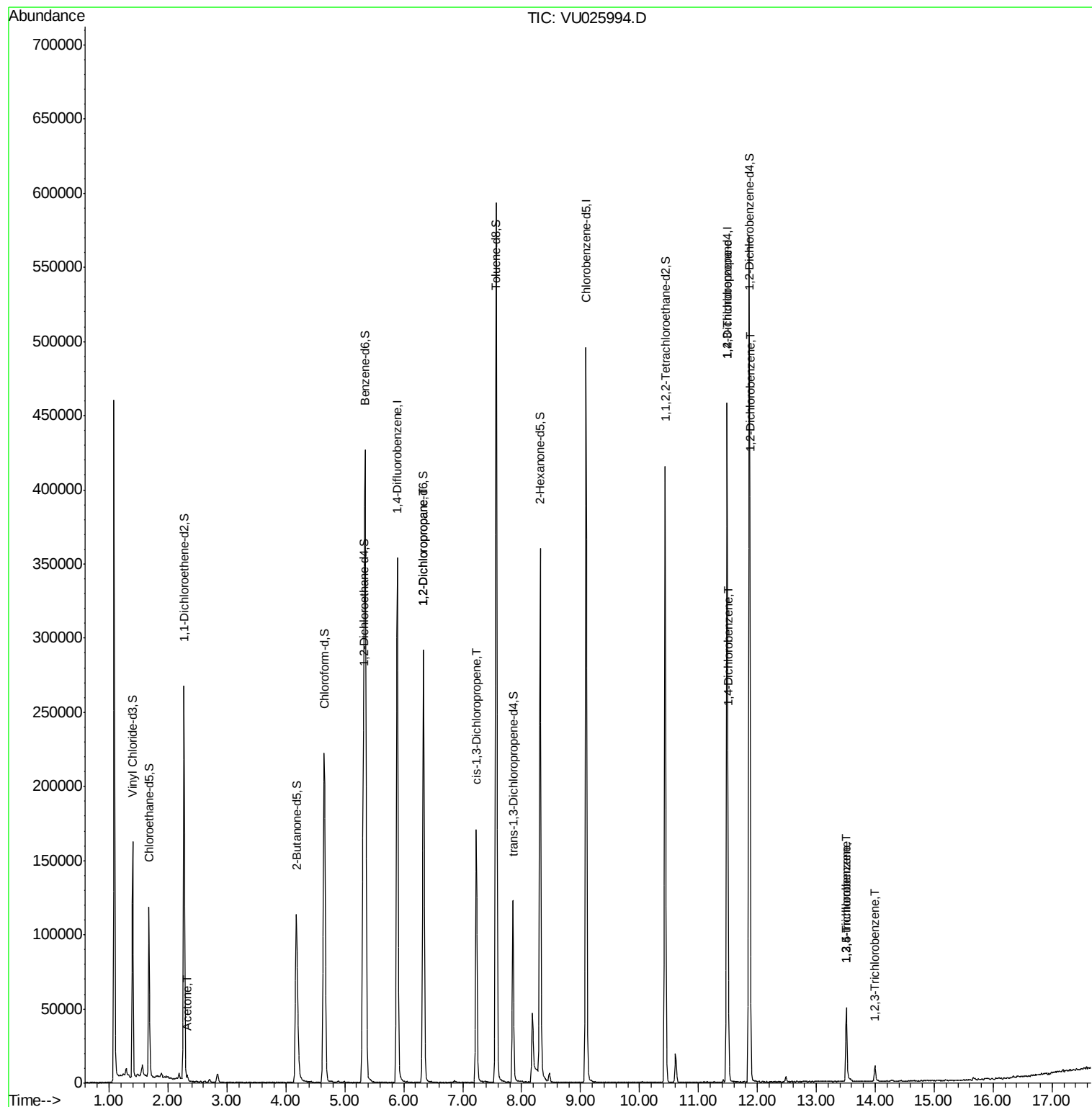
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.32	43	1405	1.244	ug/L	73
37) 1,2-Dichloropropane	6.34	63	15093	7.089	ug/L #	88
39) cis-1,3-Dichloropropene	7.23	75	4051	1.255	ug/L #	62
59) 1,2,3-Trichloropropane	11.49	75	15663	5.704	ug/L	94
63) 1,4-Dichlorobenzene	11.51	146	7237	1.852	ug/L	96
65) 1,2-Dichlorobenzene	11.88	146	5995	1.511	ug/L	91
67) 1,3,5-Trichlorobenzene	13.51	180	17926	6.434	ug/L	99
68) 1,2,4-trichlorobenzene	13.51	180	17926	7.608	ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	4735	1.870	ug/L	92

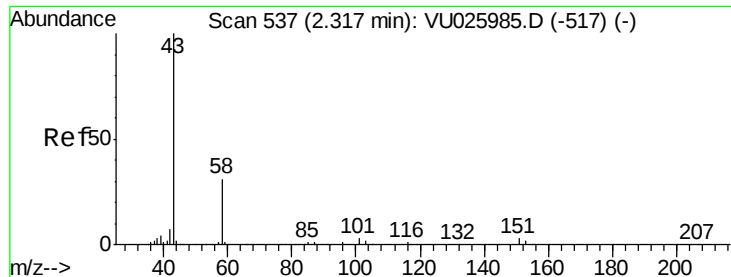
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#13

Acetone

Concen: 1.244 ug/L

RT: 2.32 min Scan# 539

Delta R.T. 0.01 min

Lab File: VU025994.D

Acq: 09 Aug 2018 14:22

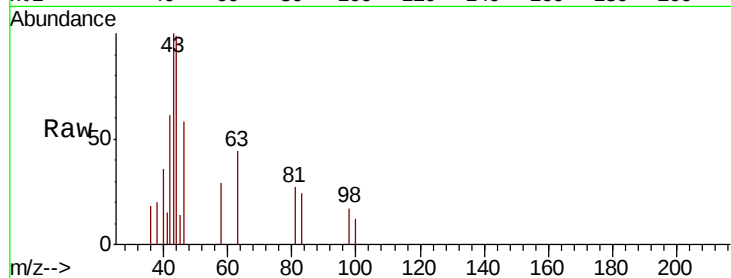
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 1405

Ion Ratio Lower Upper

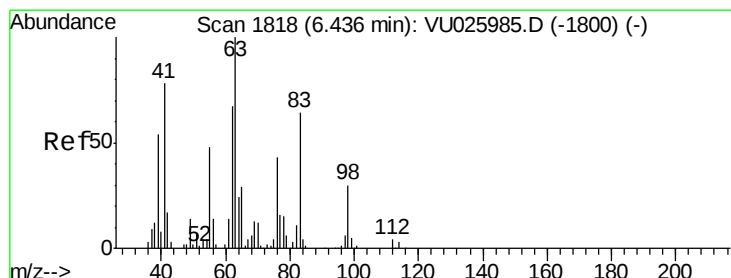
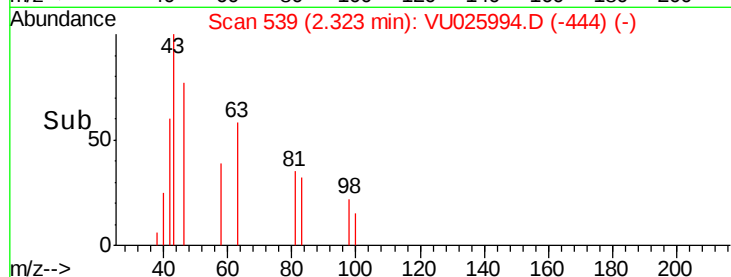
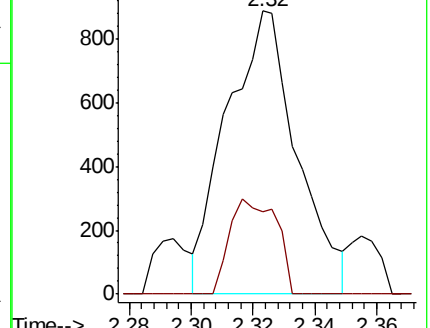
43 100

58 16.1 0.0 61.8



Abundance Ion 43.00 (42.70 to 43.70): VU025985.D (-517) (-)

Ion 58.00 (57.70 to 58.70): VU025985.D (-517) (-)



#37

1,2-Dichloropropane

Concen: 7.089 ug/L

RT: 6.34 min Scan# 1787

Delta R.T. -0.10 min

Lab File: VU025994.D

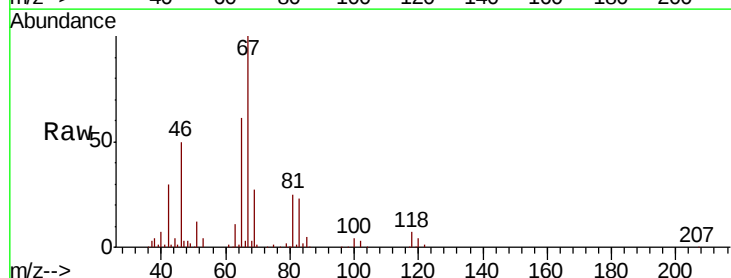
Acq: 09 Aug 2018 14:22

Tgt Ion: 63 Resp: 15093

Ion Ratio Lower Upper

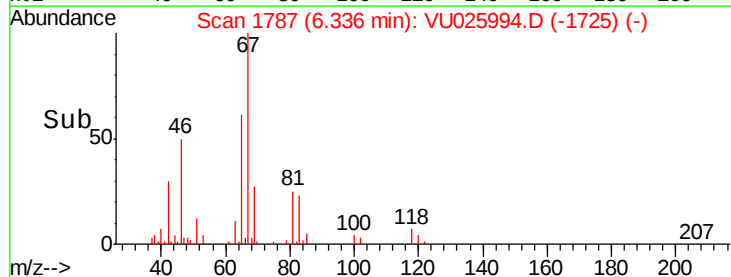
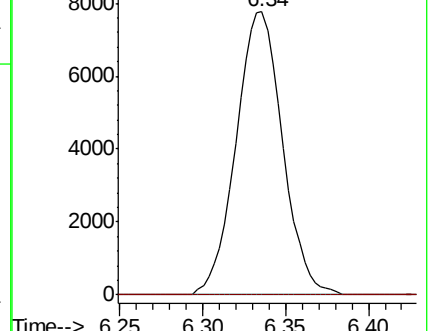
63 100

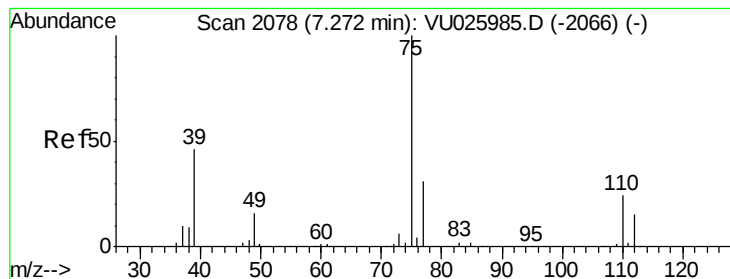
112 0.0 3.2 4.8#



Abundance Ion 63.00 (62.70 to 63.70): VU025985.D (-1800) (-)

Ion 112.00 (111.70 to 112.70): VU025985.D (-1800) (-)



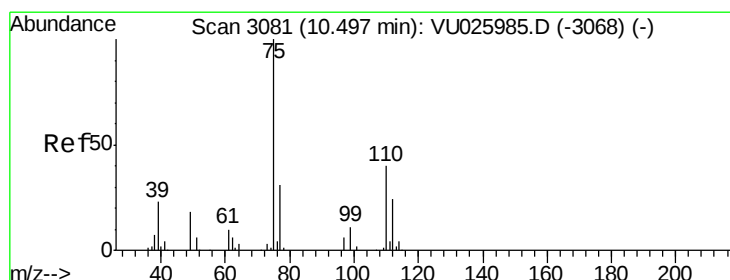
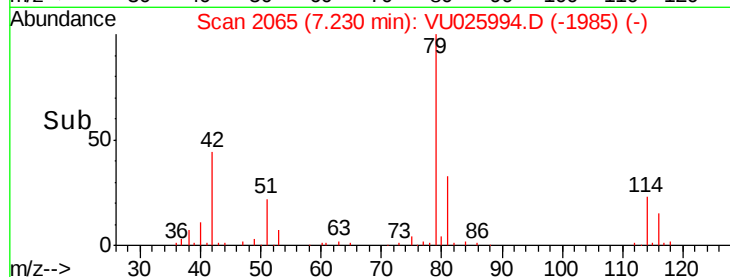
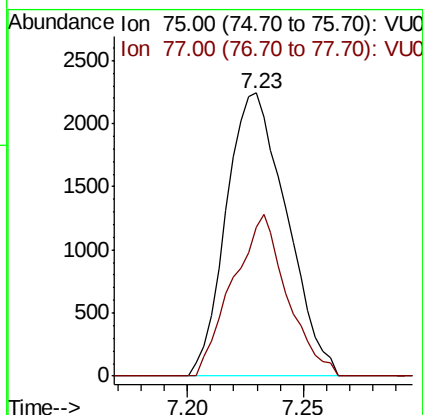
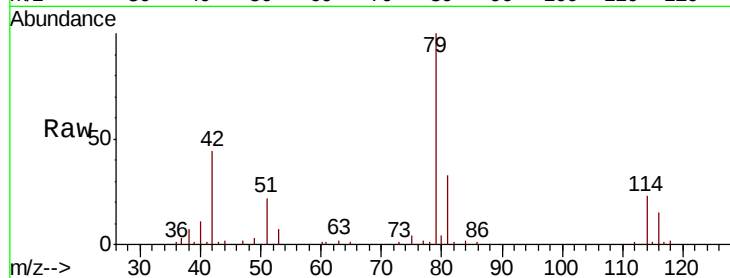


#39

cis-1,3-Dichloropropene
 Concen: 1.255 ug/L
 RT: 7.23 min Scan# 2065
 Delta R.T. -0.04 min
 Lab File: VU025994.D
 Acq: 09 Aug 2018 14:22

Instrument :
 MSVOA_U
 ClientSampleId :

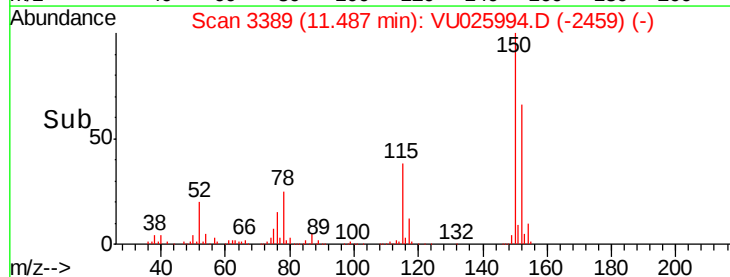
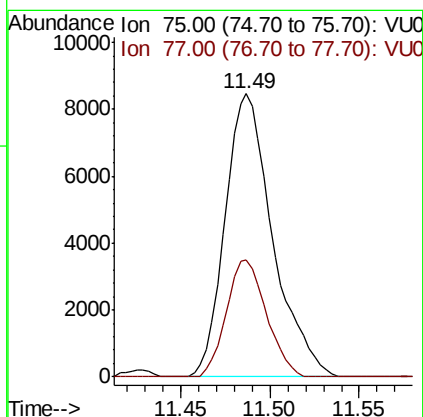
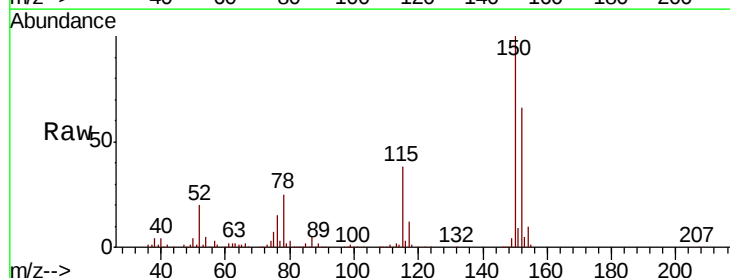
Tot Ion: 75 Resp: 4051
 Ion Ratio Lower Upper
 75 100
 77 52.8 22.1 41.1#

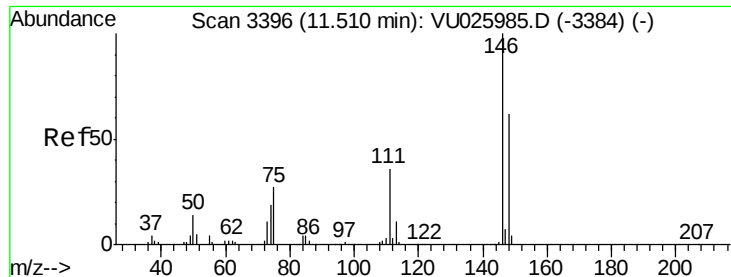


#59

1,2,3-Trichloropropane
 Concen: 5.704 ug/L
 RT: 11.49 min Scan# 3389
 Delta R.T. 0.99 min
 Lab File: VU025994.D
 Acq: 09 Aug 2018 14:22

Tgt Ion: 75 Resp: 15663
 Ion Ratio Lower Upper
 75 100
 77 34.8 25.3 37.9





#63

1,4-Dichlorobenzene

Concen: 1.852 ug/L

RT: 11.51 min Scan# 3396

Delta R.T. -0.00 min

Lab File: VU025994.D

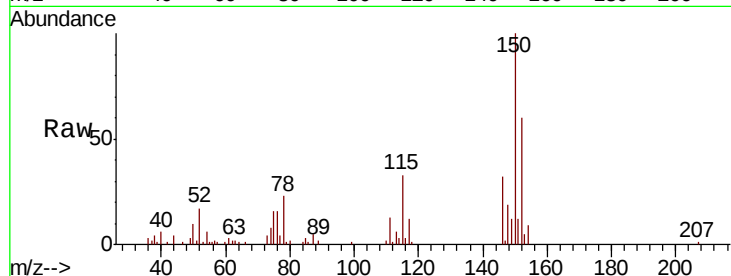
Acq: 09 Aug 2018 14:22

Instrument :

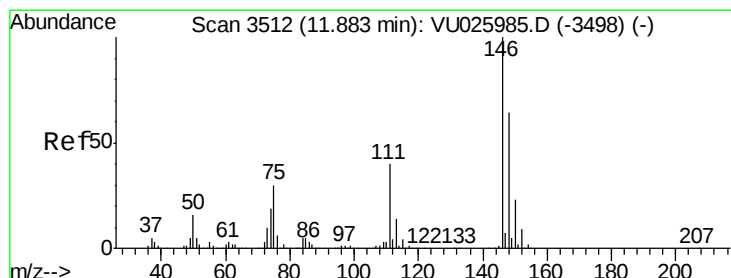
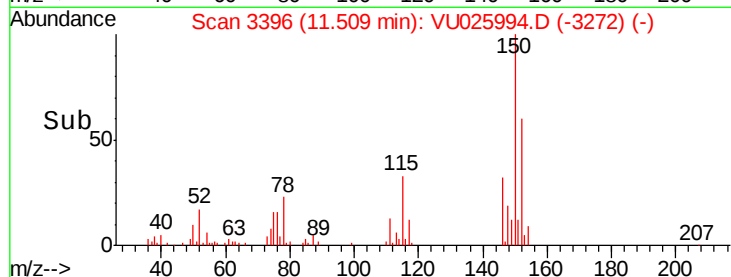
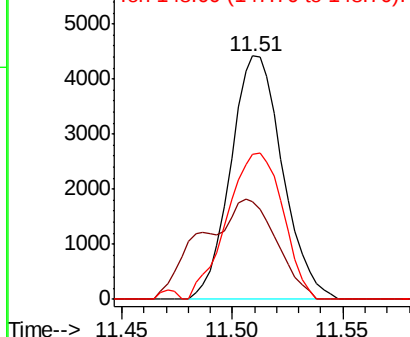
MSVOA_U

ClientSampleId :

Tot Ion:146	Resp:	7237
Ion	Ratio	Lower Upper
146	100	
111	39.9	26.4 49.0
148	59.6	43.8 81.4



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



#65

1,2-Dichlorobenzene

Concen: 1.511 ug/L

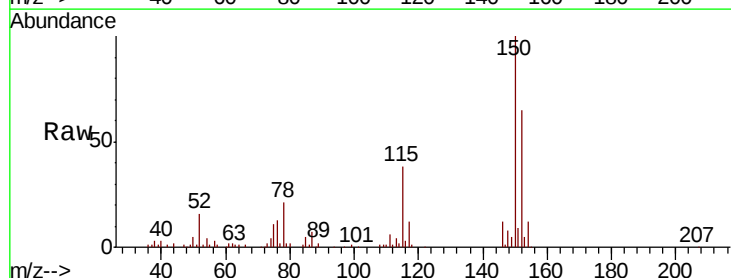
RT: 11.88 min Scan# 3512

Delta R.T. -0.00 min

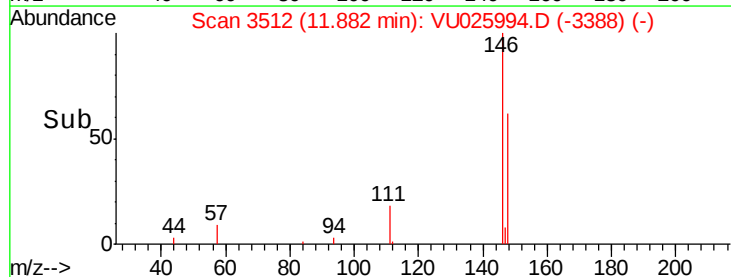
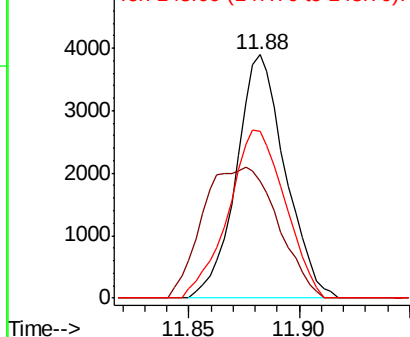
Lab File: VU025994.D

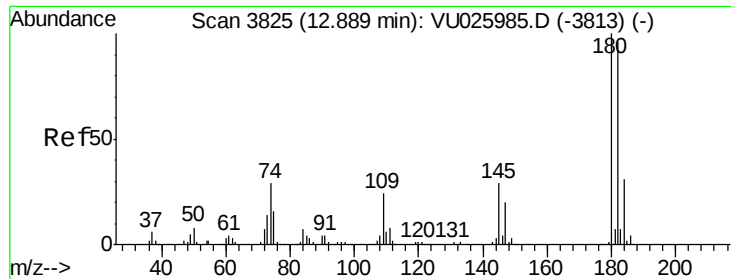
Acq: 09 Aug 2018 14:22

Tgt Ion:146	Resp:	5995
Ion	Ratio	Lower Upper
146	100	
111	48.1	32.4 48.6
148	68.3	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

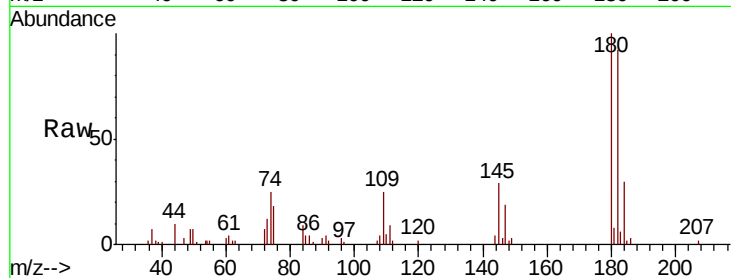




#67
 1,3,5-Trichlorobenzene
 Concen: 6.434 ug/L
 RT: 13.51 min Scan# 4018
 Delta R.T. 0.62 min
 Lab File: VU025994.D
 Acq: 09 Aug 2018 14:22

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.0	76.5	114.7
184	31.6	24.3	36.5
145	29.7	23.5	35.3



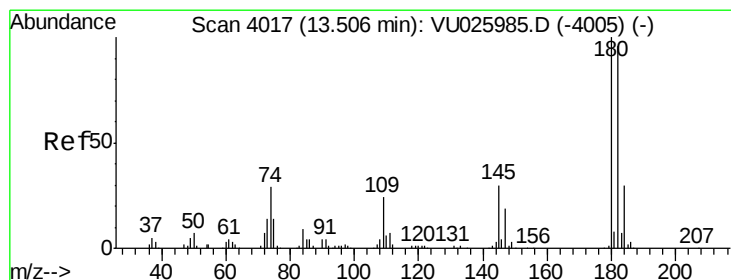
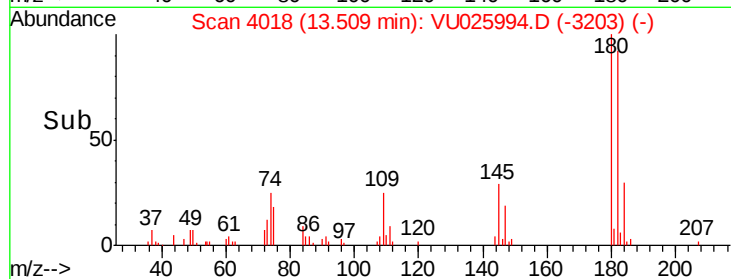
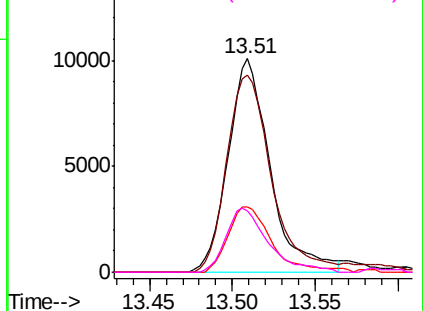
Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

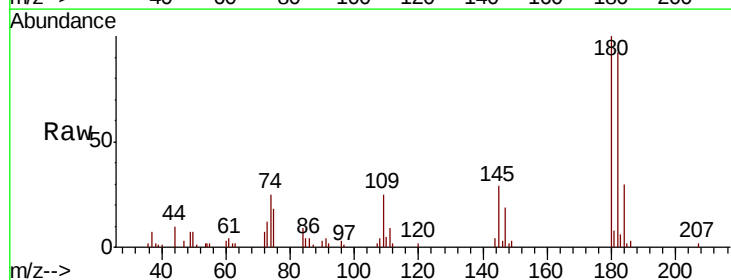
Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V



#68
 1,2,4-trichlorobenzene
 Concen: 7.608 ug/L
 RT: 13.51 min Scan# 4018
 Delta R.T. 0.00 min
 Lab File: VU025994.D
 Acq: 09 Aug 2018 14:22

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.0	76.5	114.7
145	29.7	24.2	36.4

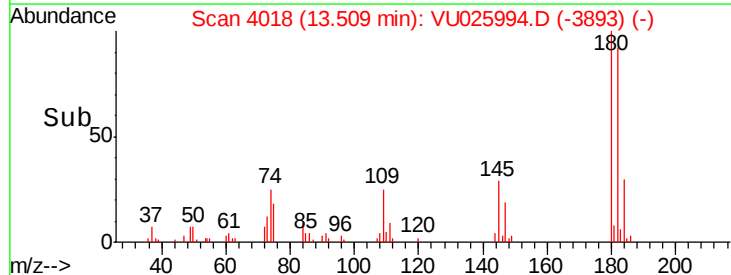
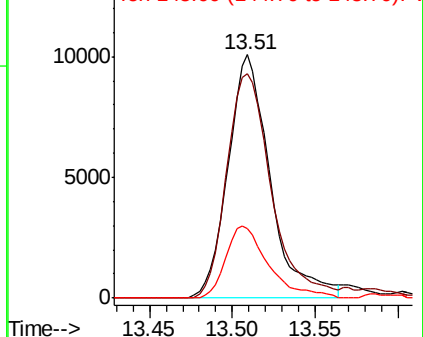


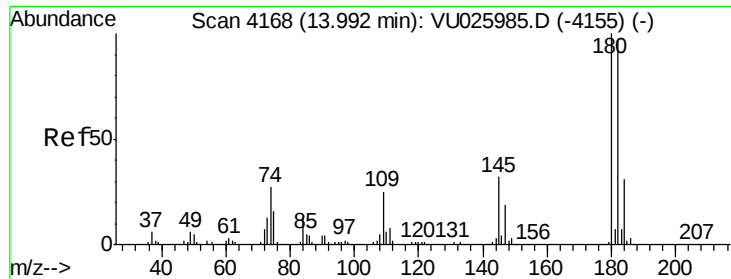
Abundance

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

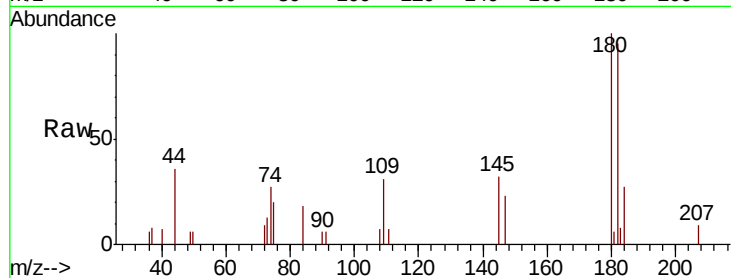




#70
 1,2,3-Trichlorobenzene
 Concen: 1.870 ug/L
 RT: 13.99 min Scan# 4169
 Delta R.T. 0.00 min
 Lab File: VU025994.D
 Acq: 09 Aug 2018 14:22

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	86.0	76.5	114.7
145	30.5	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

