

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080718\
 Data File : VU025950.D
 Acq On : 07 Aug 2018 20:03
 Operator : MD/SY
 Sample : J4363-05
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A4ZA9

Quant Time: Aug 08 04:23:00 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080718WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 07 12:44:32 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	309234	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	280643	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	119933	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	79230	46.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.48%
7) Chloroethane-d5	1.68	69	66501	51.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.50%
11) 1,1-Dichloroethene-d2	2.27	63	117705	35.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.94%
21) 2-Butanone-d5	4.18	46	136313	115.61	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	115.61%
24) Chloroform-d	4.65	84	170526	51.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.82%
26) 1,2-Dichloroethane-d4	5.31	65	119133	54.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.82%
32) Benzene-d6	5.35	84	337479	54.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.10%
36) 1,2-Dichloropropane-d6	6.34	67	107683	55.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	111.98%
41) Toluene-d8	7.57	98	299555	49.91	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.82%
43) trans-1,3-Dichloropropene-	7.85	79	51296	50.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.72%
47) 2-Hexanone-d5	8.31	63	92065	115.03	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	115.03%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	148235	55.64	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	111.28%
64) 1,2-Dichlorobenzene-d4	11.86	152	114999	58.04	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	116.08%

Target Compounds

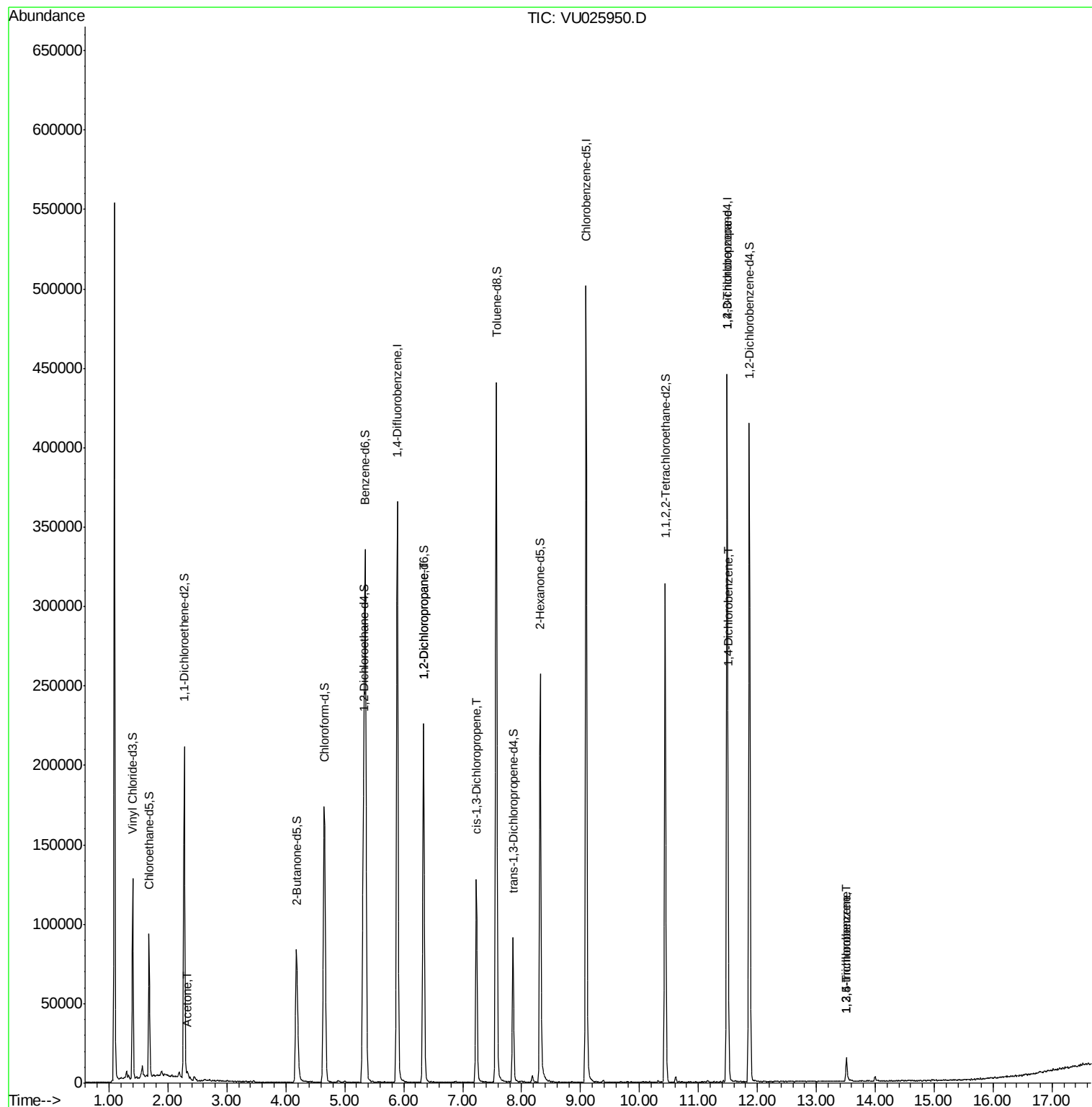
					Qvalue
13) Acetone	2.33	43	2277	1.631 ug/L	76
37) 1,2-Dichloropropane	6.33	63	12032	6.139 ug/L #	88
39) cis-1,3-Dichloropropene	7.23	75	3855	1.208 ug/L	84
59) 1,2,3-Trichloropropane	11.49	75	13886	5.567 ug/L	94
63) 1,4-Dichlorobenzene	11.51	146	4947	1.353 ug/L #	85
67) 1,3,5-Trichlorobenzene	13.51	180	5699	2.155 ug/L	92
68) 1,2,4-trichlorobenzene	13.51	180	5699	2.484 ug/L	92

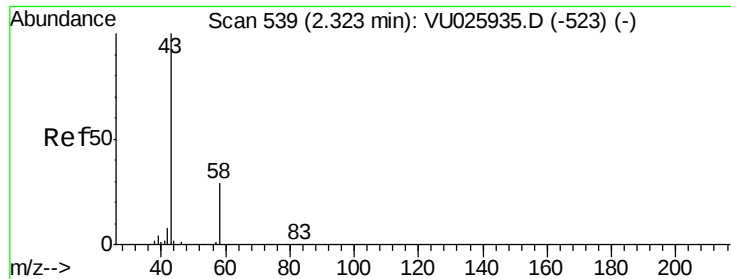
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 1.631 ug/L

RT: 2.33 min Scan# 540

Delta R.T. 0.00 min

Lab File: VU025950.D

Acq: 07 Aug 2018 20:03

Instrument :

MSVOA_U

ClientSampleId :

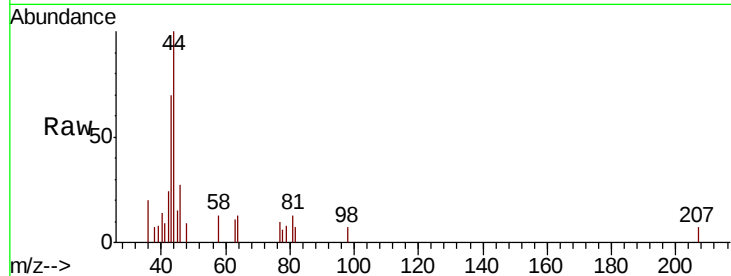
A4ZA9

Tgt Ion: 43 Resp: 2277

Ion Ratio Lower Upper

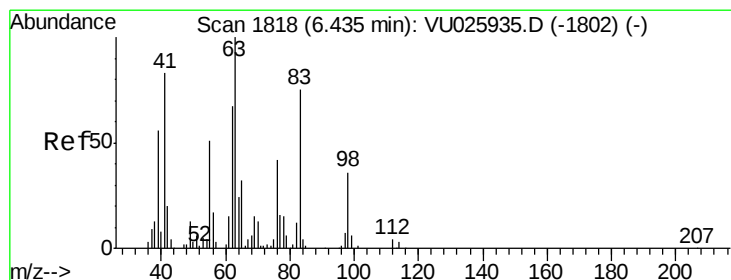
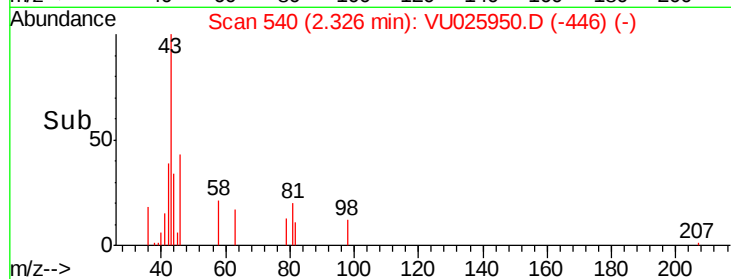
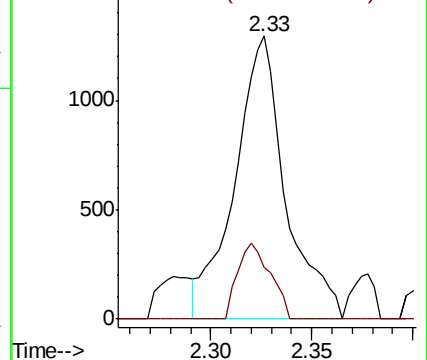
43 100

58 17.4 0.0 61.2



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#37

1,2-Dichloropropane

Concen: 6.139 ug/L

RT: 6.33 min Scan# 1786

Delta R.T. -0.10 min

Lab File: VU025950.D

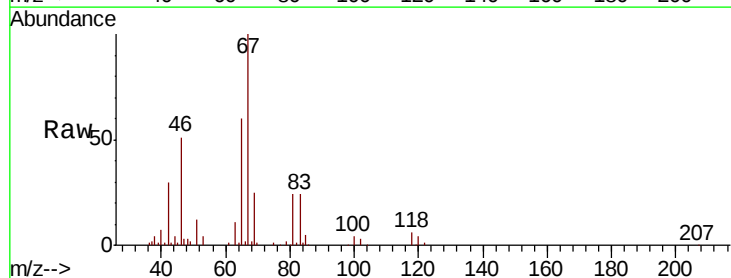
Acq: 07 Aug 2018 20:03

Tgt Ion: 63 Resp: 12032

Ion Ratio Lower Upper

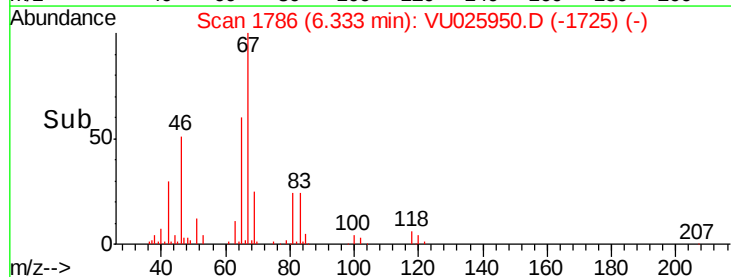
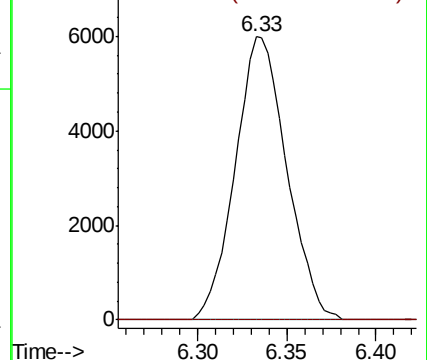
63 100

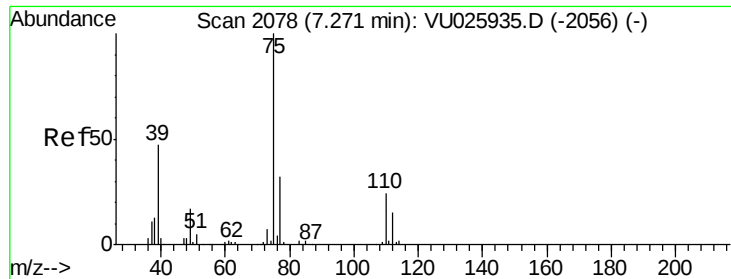
112 0.0 3.3 4.9#



Abundance Ion 63.00 (62.70 to 63.70): VU0

Ion 112.00 (111.70 to 112.70): V





#39

cis-1,3-Dichloropropene

Concen: 1.208 ug/L

RT: 7.23 min Scan# 2066

Delta R.T. -0.04 min

Lab File: VU025950.D

Acq: 07 Aug 2018 20:03

Instrument :

MSVOA_U

ClientSampleId :

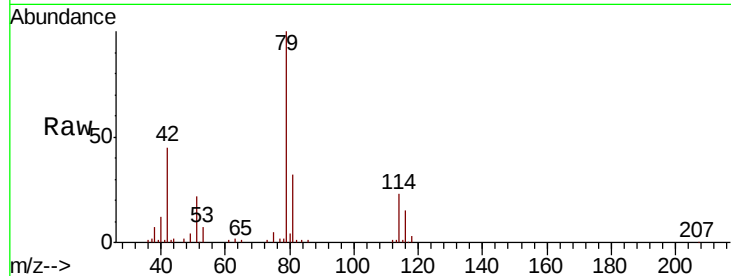
A4ZA9

Tgt Ion: 75 Resp: 3855

Ion Ratio Lower Upper

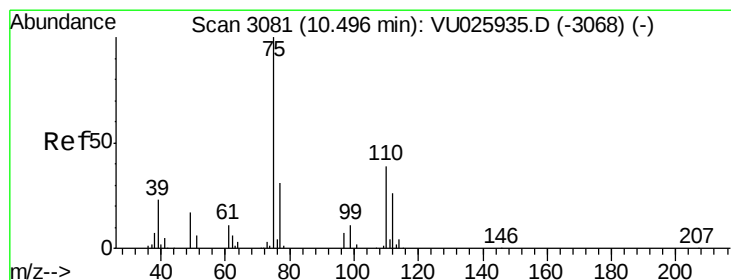
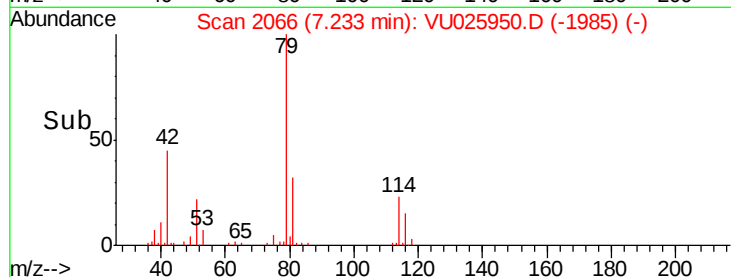
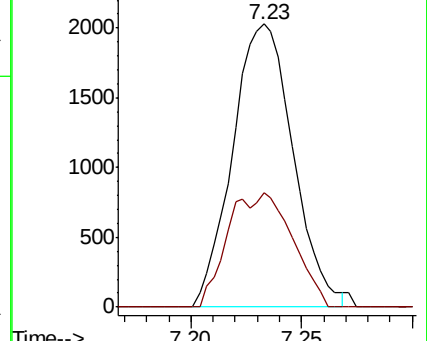
75 100

77 40.5 22.0 41.0



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



#59

1,2,3-Trichloropropane

Concen: 5.567 ug/L

RT: 11.49 min Scan# 3389

Delta R.T. 0.99 min

Lab File: VU025950.D

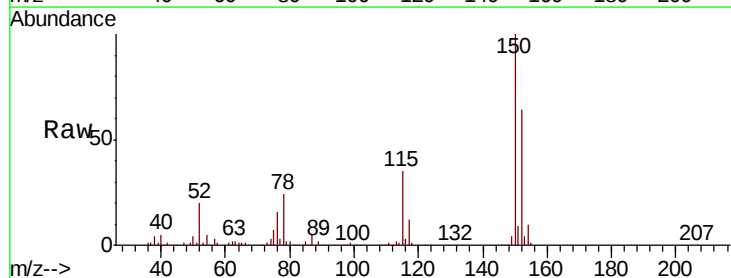
Acq: 07 Aug 2018 20:03

Tgt Ion: 75 Resp: 13886

Ion Ratio Lower Upper

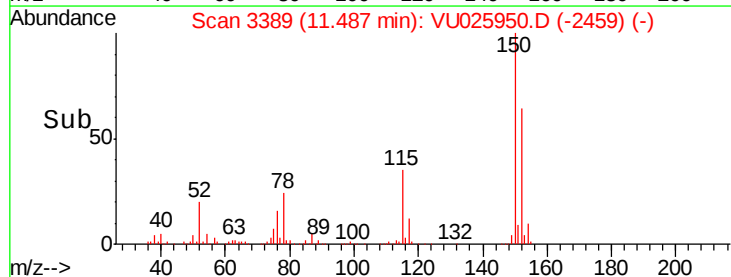
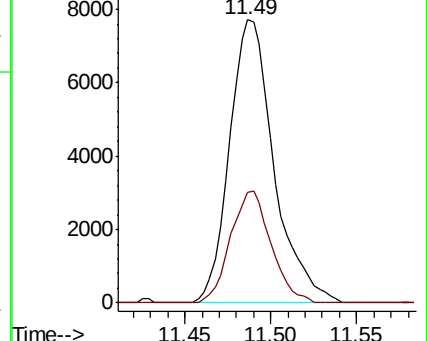
75 100

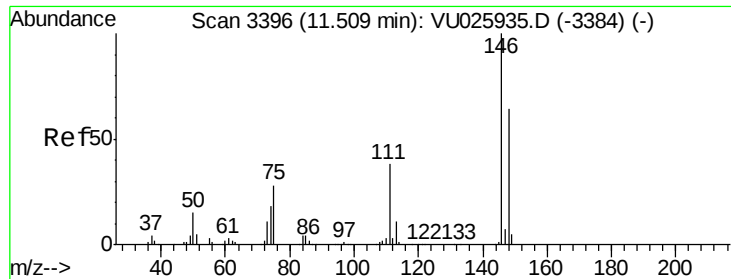
77 35.9 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

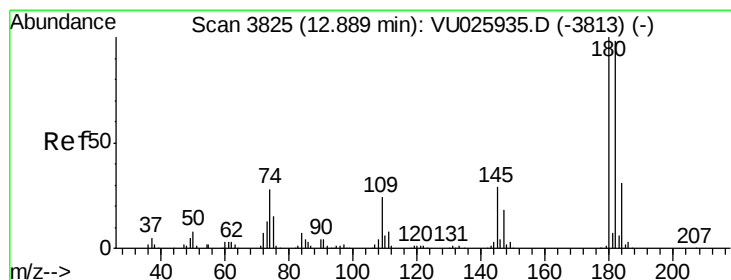
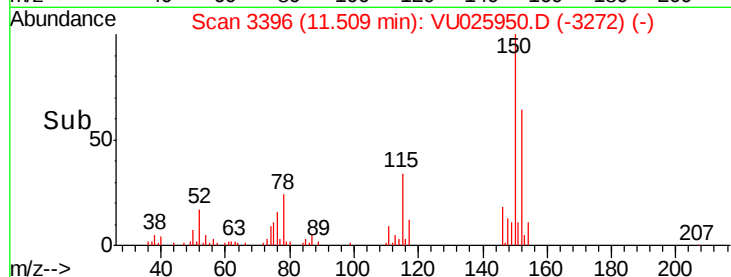
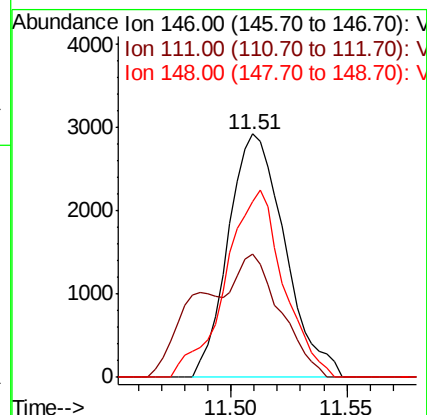
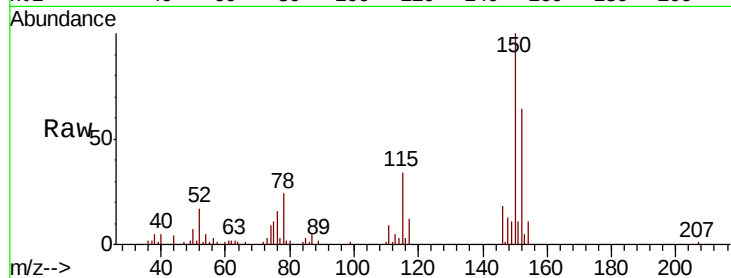




#63
 1,4-Dichlorobenzene
 Concen: 1.353 ug/L
 RT: 11.51 min Scan# 3396
 Delta R.T. 0.00 min
 Lab File: VU025950.D
 Acq: 07 Aug 2018 20:03

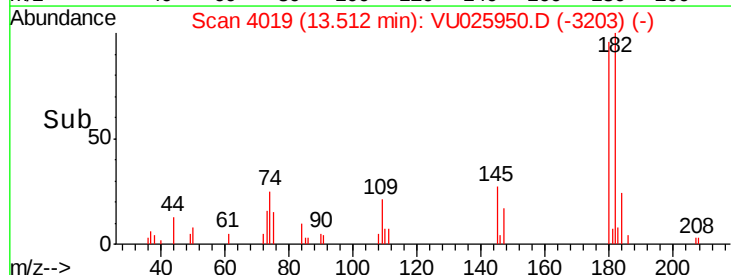
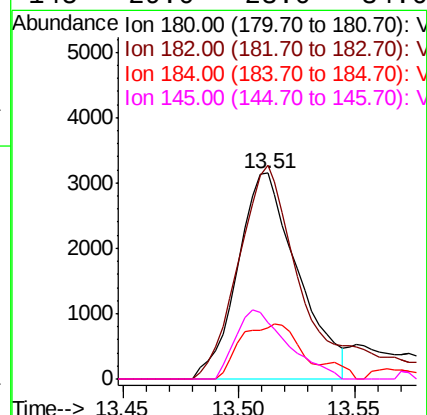
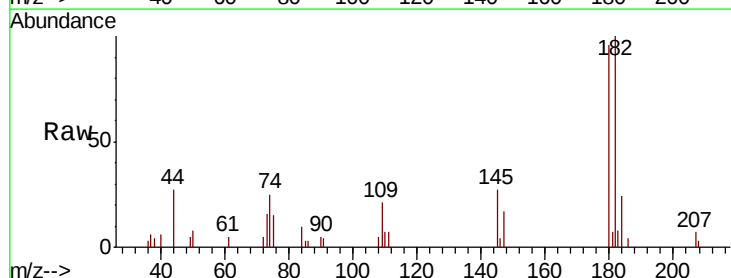
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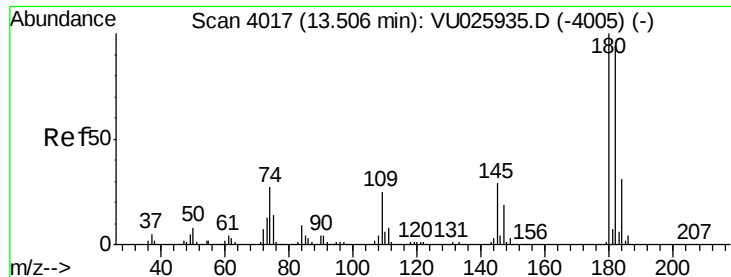
Tgt Ion:146 Resp: 4947
 Ion Ratio Lower Upper
 146 100
 111 50.8 26.9 49.9#
 148 72.5 44.6 82.8



#67
 1,3,5-Trichlorobenzene
 Concen: 2.155 ug/L
 RT: 13.51 min Scan# 4019
 Delta R.T. 0.62 min
 Lab File: VU025950.D
 Acq: 07 Aug 2018 20:03

Tgt Ion:180 Resp: 5699
 Ion Ratio Lower Upper
 180 100
 182 107.1 77.3 115.9
 184 25.9 24.6 36.8
 145 29.0 23.0 34.6

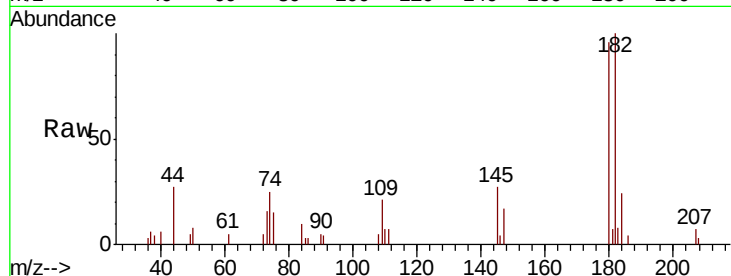




#68
 1,2,4-trichlorobenzene
 Concen: 2.484 ug/L
 RT: 13.51 min Scan# 4019
 Delta R.T. 0.01 min
 Lab File: VU025950.D
 Acq: 07 Aug 2018 20:03

Instrument :
 MSVOA_U
 ClientSampleId :
 A4ZA9

Tgt Ion:180 Resp: 5699
 Ion Ratio Lower Upper
 180 100
 182 107.1 78.1 117.1
 145 29.0 23.4 35.2



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

