

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080918\
 Data File : VU026013.D
 Acq On : 09 Aug 2018 22:28
 Operator : MD/SY
 Sample : J4361-14DL 5X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A4ZC9DL

Quant Time: Aug 10 07:51:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080918WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 10 07:39:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	294641	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	278112	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	123613	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	79164	36.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.52%
7) Chloroethane-d5	1.68	69	67994	39.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.64%
11) 1,1-Dichloroethene-d2	2.27	63	119771	29.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.54%#
21) 2-Butanone-d5	4.18	46	154465	86.05	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.05%
24) Chloroform-d	4.65	84	191848	42.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.02%
26) 1,2-Dichloroethane-d4	5.31	65	134415	43.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.14%
32) Benzene-d6	5.35	84	368304	42.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.30%
36) 1,2-Dichloropropane-d6	6.33	67	122822	43.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.90%
41) Toluene-d8	7.57	98	329033	39.82	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.64%#
43) trans-1,3-Dichloropropene-	7.85	79	56702	40.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.54%
47) 2-Hexanone-d5	8.31	63	110010	86.68	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.68%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	173621	42.49	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.98%
64) 1,2-Dichlorobenzene-d4	11.86	152	136260	44.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.44%

Target Compounds

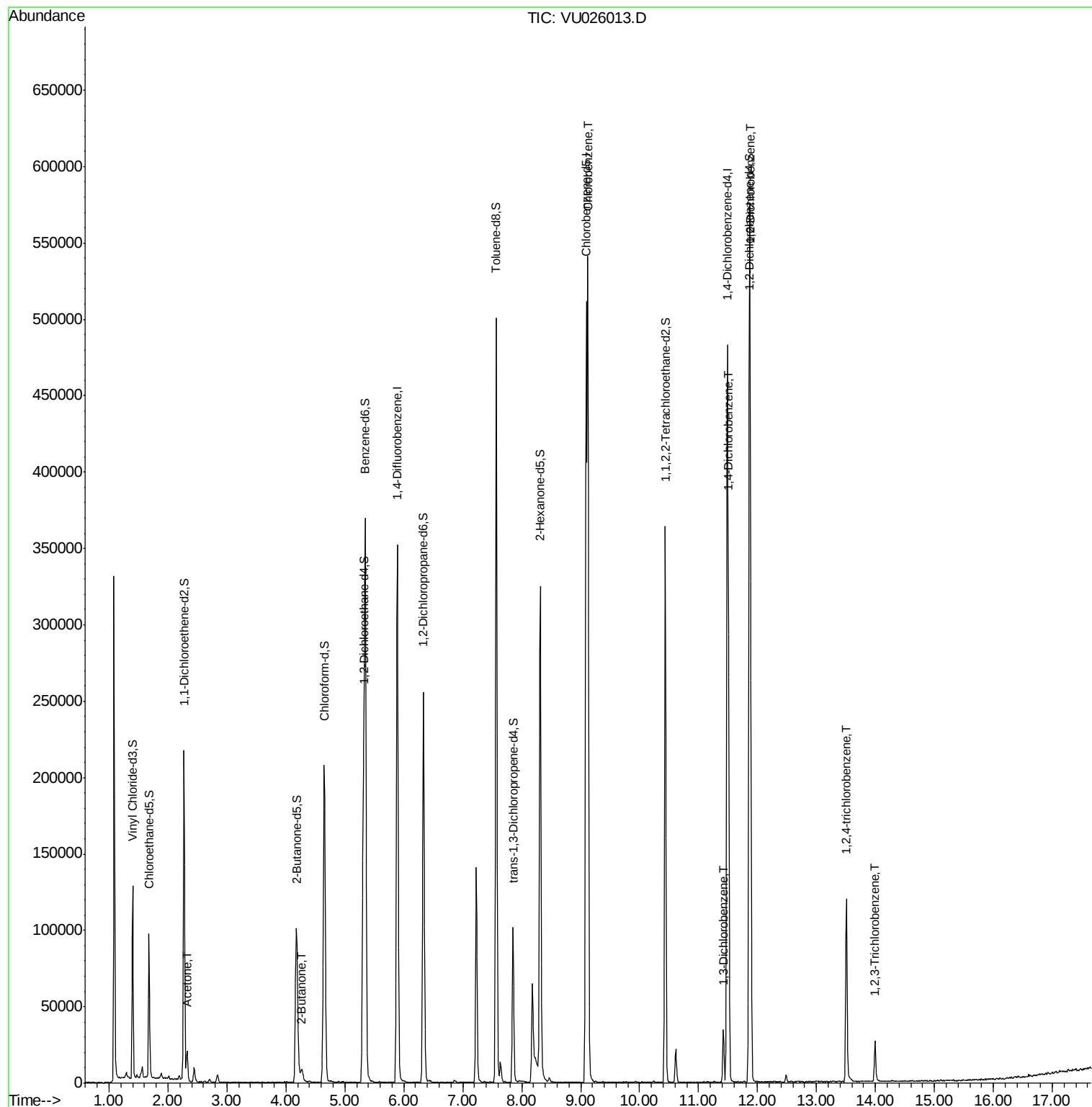
						Ovalue
13) Acetone	2.32	43	20004	17.94	ug/L	94
22) 2-Butanone	4.27	43	10733	6.65	ug/L	# 70
51) Chlorobenzene	9.12	112	278154	49.07	ug/L	98
62) 1,3-Dichlorobenzene	11.42	146	14846	3.86	ug/L	95
63) 1,4-Dichlorobenzene	11.51	146	100106	24.81	ug/L	97
65) 1,2-Dichlorobenzene	11.88	146	120973	29.53	ug/L	98
68) 1,2,4-trichlorobenzene	13.51	180	38949	16.01	ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	9380	3.59	ug/L	96

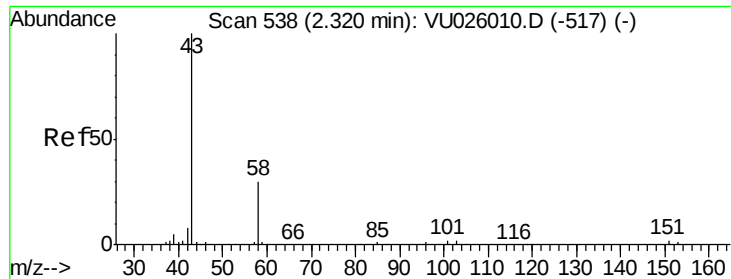
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Aug 10 07:39:13 2018
Response via : Initial Calibration





#13

Acetone

Concen: 17.94 ug/L

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU026013.D

Acq: 09 Aug 2018 22:28

Instrument :

MSVOA_U

ClientSampleId :

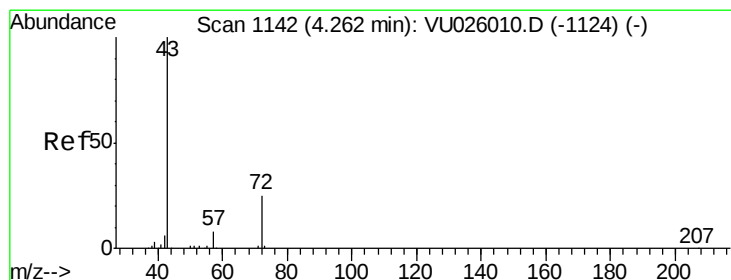
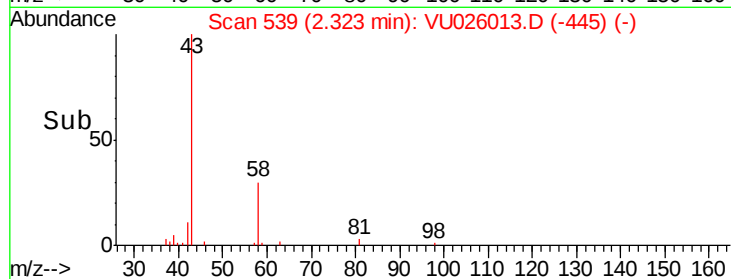
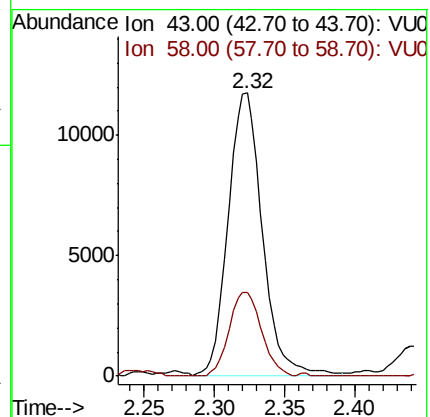
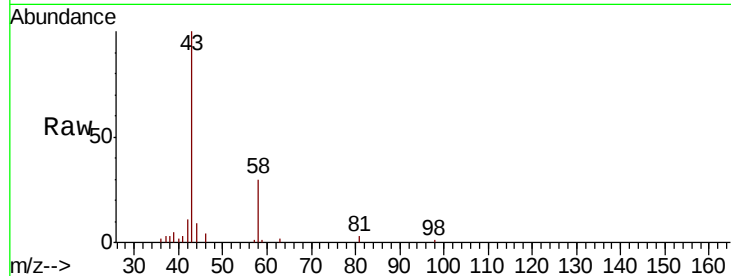
A4ZC9DL

Tot Ion: 43 Resp: 20004

Ion Ratio Lower Upper

43 100

58 27.8 0.0 61.8



#22

2-Butanone

Concen: 6.65 ug/L

RT: 4.27 min Scan# 1145

Delta R.T. 0.01 min

Lab File: VU026013.D

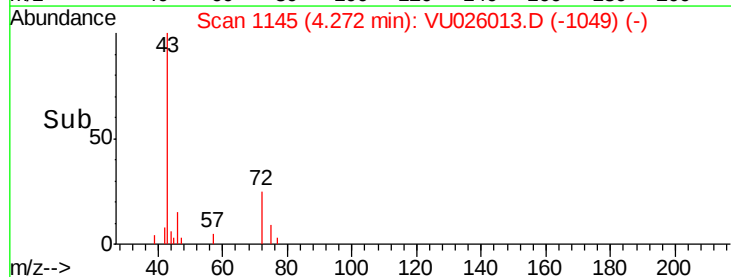
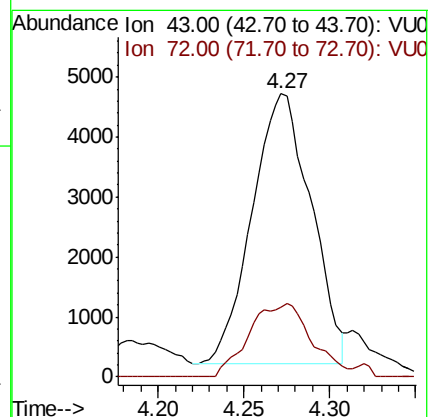
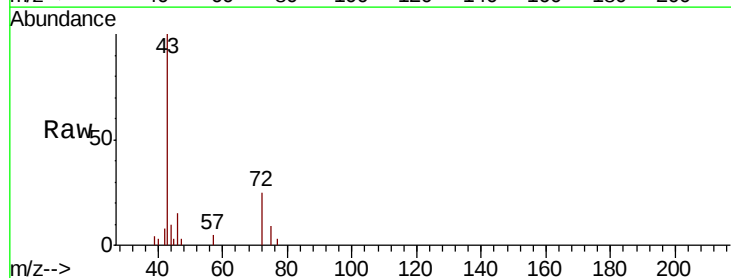
Acq: 09 Aug 2018 22:28

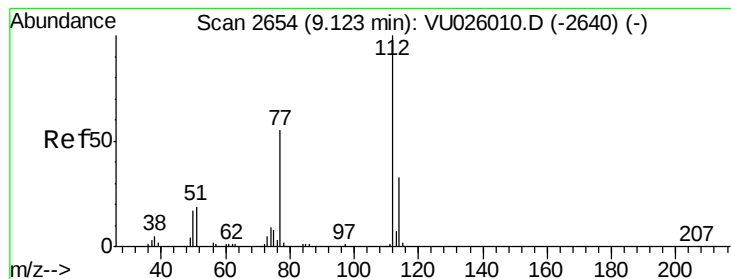
Tgt Ion: 43 Resp: 10733

Ion Ratio Lower Upper

43 100

72 11.5 13.5 40.5#





#51

Chlorobenzene

Concen: 49.07 ug/L

RT: 9.12 min Scan# 2653

Delta R.T. -0.00 min

Lab File: VU026013.D

Acq: 09 Aug 2018 22:28

Instrument :

MSVOA_U

ClientSampleId :

A4ZC9DL

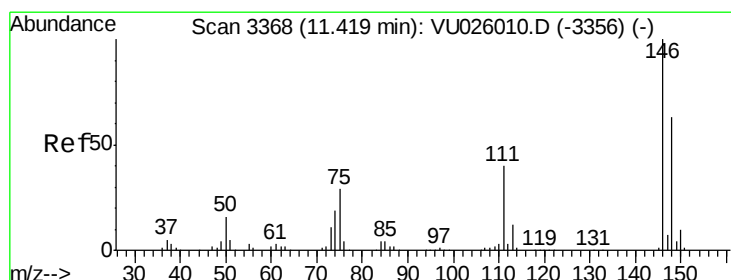
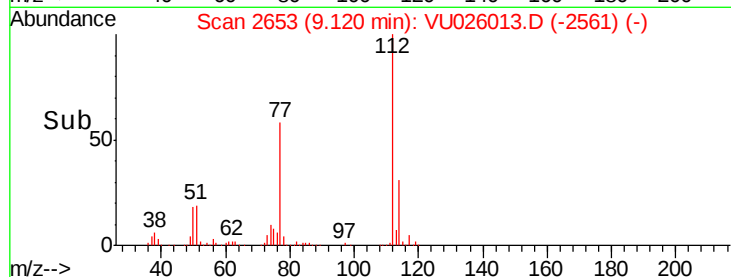
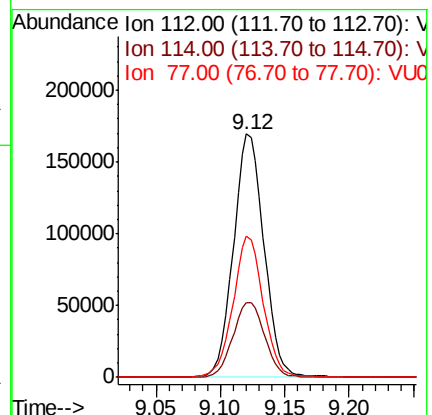
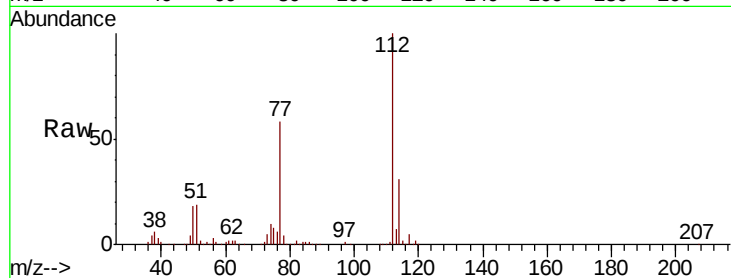
Tot Ion:112 Resp: 278154

Ion Ratio Lower Upper

112 100

114 30.6 22.7 42.3

77 57.8 45.2 67.8



#62

1,3-Dichlorobenzene

Concen: 3.86 ug/L

RT: 11.42 min Scan# 3368

Delta R.T. 0.00 min

Lab File: VU026013.D

Acq: 09 Aug 2018 22:28

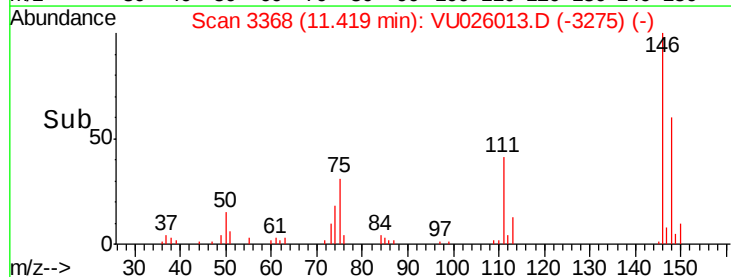
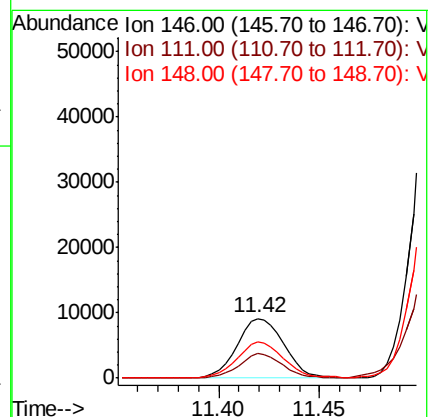
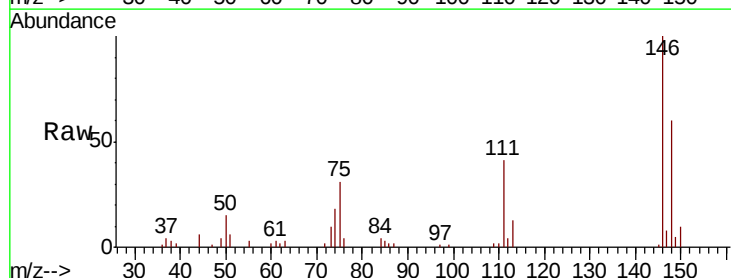
Tgt Ion:146 Resp: 14846

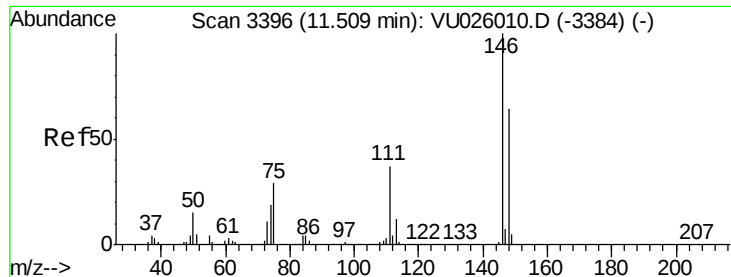
Ion Ratio Lower Upper

146 100

111 41.3 27.9 51.9

148 60.3 46.0 85.4

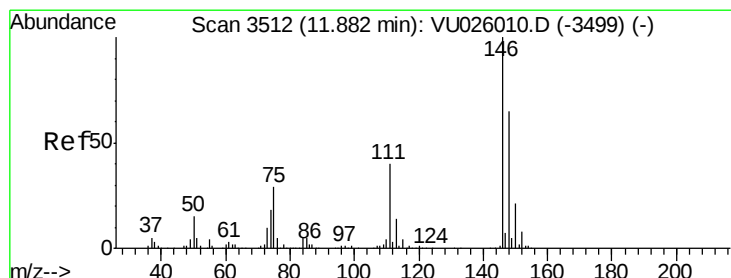
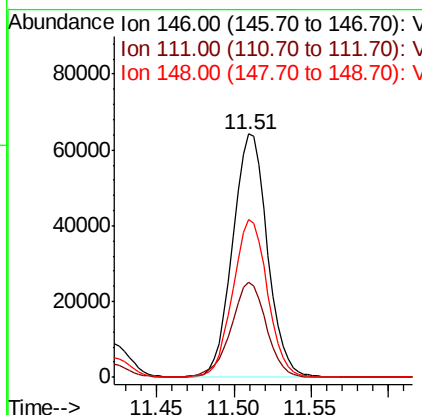
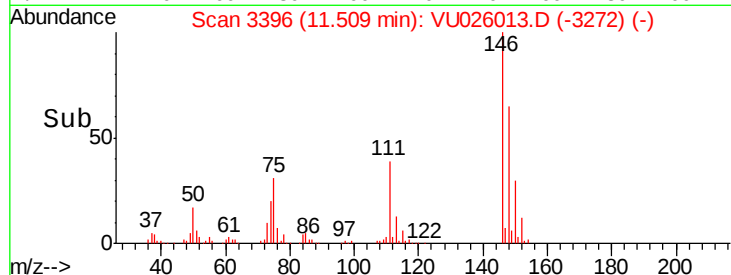
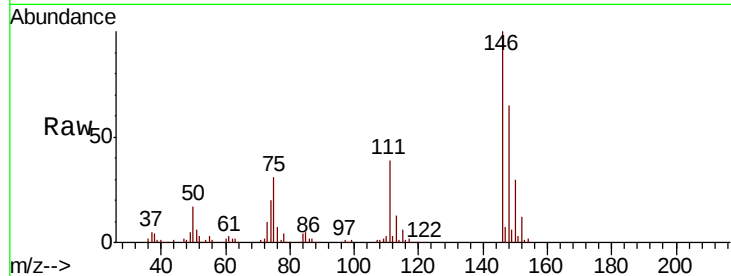




#63
 1,4-Dichlorobenzene
 Concen: 24.81 ug/L
 RT: 11.51 min Scan# 3396
 Delta R.T. 0.00 min
 Lab File: VU026013.D
 Acq: 09 Aug 2018 22:28

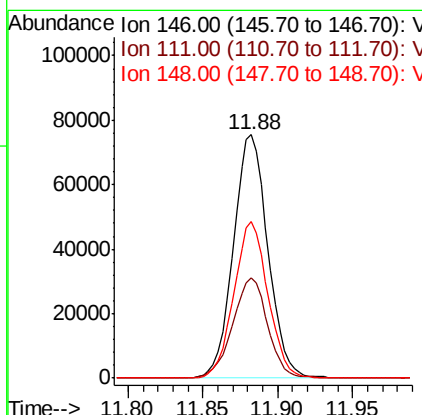
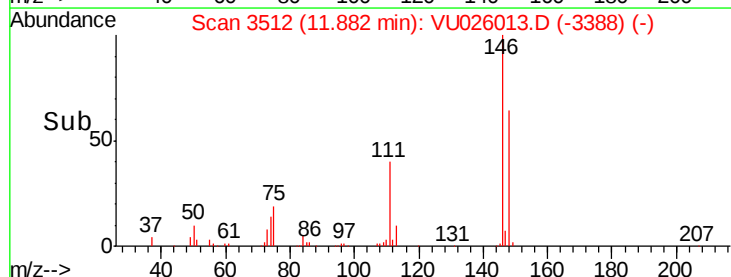
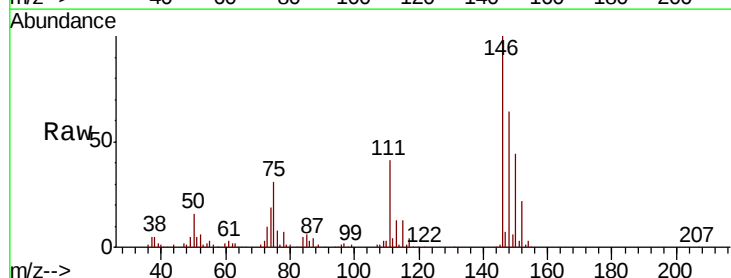
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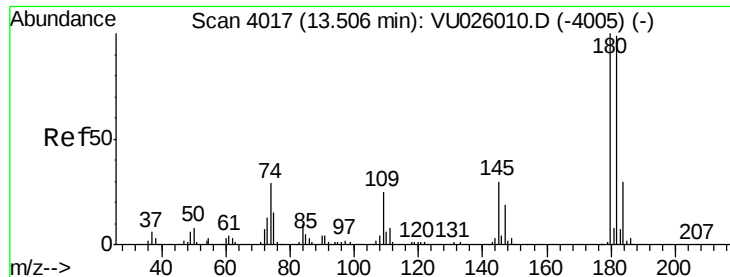
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.3	26.4	49.0
148	64.8	43.8	81.4



#65
 1,2-Dichlorobenzene
 Concen: 29.53 ug/L
 RT: 11.88 min Scan# 3512
 Delta R.T. 0.00 min
 Lab File: VU026013.D
 Acq: 09 Aug 2018 22:28

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.0	32.4	48.6
148	64.2	50.1	75.1

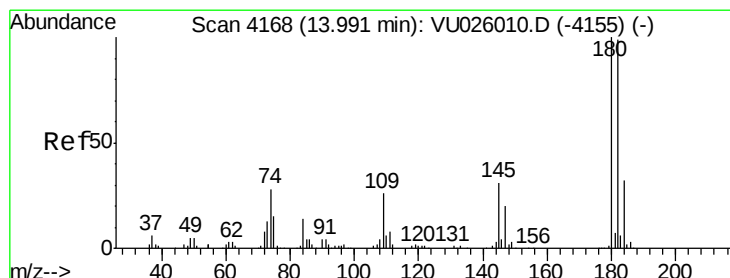
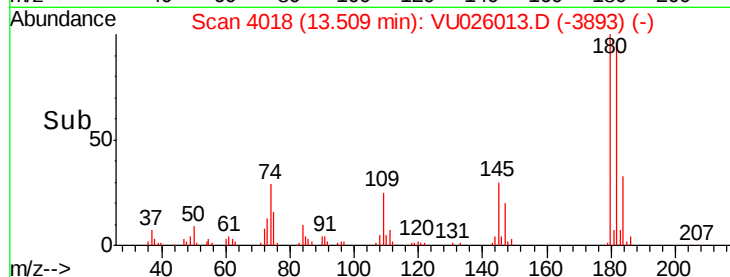
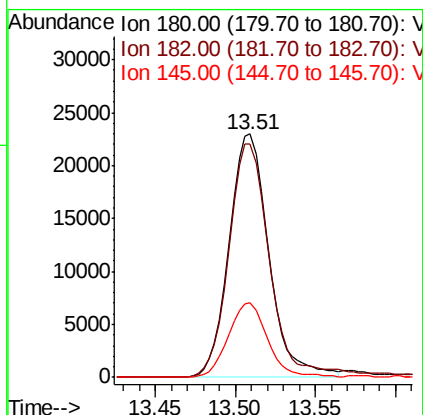
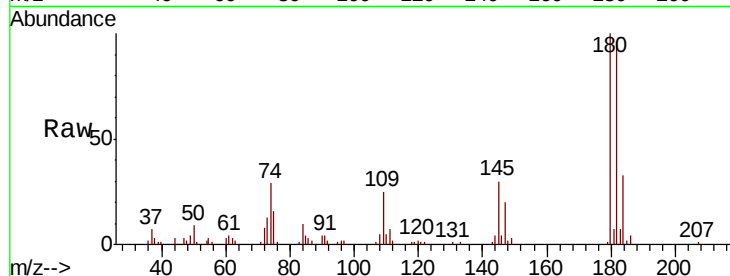




#68
 1,2,4-trichlorobenzene
 Concen: 16.01 ug/L
 RT: 13.51 min Scan# 4018
 Delta R.T. 0.00 min
 Lab File: VU026013.D
 Acq: 09 Aug 2018 22:28

Instrument :
 MSVOA_U
 ClientSampleId :
 A4ZC9DL

Tot Ion:180 Resp: 38949
 Ion Ratio Lower Upper
 180 100
 182 96.2 76.5 114.7
 145 29.6 24.2 36.4



#70
 1,2,3-Trichlorobenzene
 Concen: 3.59 ug/L
 RT: 13.99 min Scan# 4169
 Delta R.T. 0.00 min
 Lab File: VU026013.D
 Acq: 09 Aug 2018 22:28

Tgt Ion:180 Resp: 9380
 Ion Ratio Lower Upper
 180 100
 182 99.3 76.5 114.7
 145 32.7 24.7 37.1

