

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080918\
 Data File : VU026018.D
 Acq On : 10 Aug 2018 00:30
 Operator : MD/SY
 Sample : J4401-02 10X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A4ZE0

Manual Integrations
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 8/10/2018 4:08:57 PM

Quant Time: Aug 10 08:10:42 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	289073	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	273019	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	124065	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	76619	36.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.52%
7) Chloroethane-d5	1.68	69	69107	41.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.50%
11) 1,1-Dichloroethene-d2	2.27	63	116151	28.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.86%#
21) 2-Butanone-d5	4.18	46	152235	86.44	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.44%
24) Chloroform-d	4.65	84	189345	42.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.52%
26) 1,2-Dichloroethane-d4	5.31	65	129729	42.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.72%
32) Benzene-d6	5.35	84	359085	42.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.72%
36) 1,2-Dichloropropane-d6	6.33	67	119342	43.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.00%
41) Toluene-d8	7.57	98	321107	39.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.18%#
43) trans-1,3-Dichloropropene-	7.85	79	54083	39.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.26%
47) 2-Hexanone-d5	8.31	63	107497	86.28	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.28%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	170914	42.61	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.22%
64) 1,2-Dichlorobenzene-d4	11.86	152	138395	45.25	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.50%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.32	43	19653	17.96	ug/L	95
22) 2-Butanone	4.28	43	5703m	3.60	ug/L	
51) Chlorobenzene	9.12	112	480968	86.42	ug/L	99
62) 1,3-Dichlorobenzene	11.42	146	18311	4.74	ug/L	96
63) 1,4-Dichlorobenzene	11.51	146	154612	38.19	ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	244330	59.43	ug/L	99
67) 1,3,5-Trichlorobenzene	13.51	180	144449	50.04	ug/L	99
68) 1,2,4-Trichlorobenzene	13.51	180	144449	59.17	ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	39730	15.14	ug/L	99

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

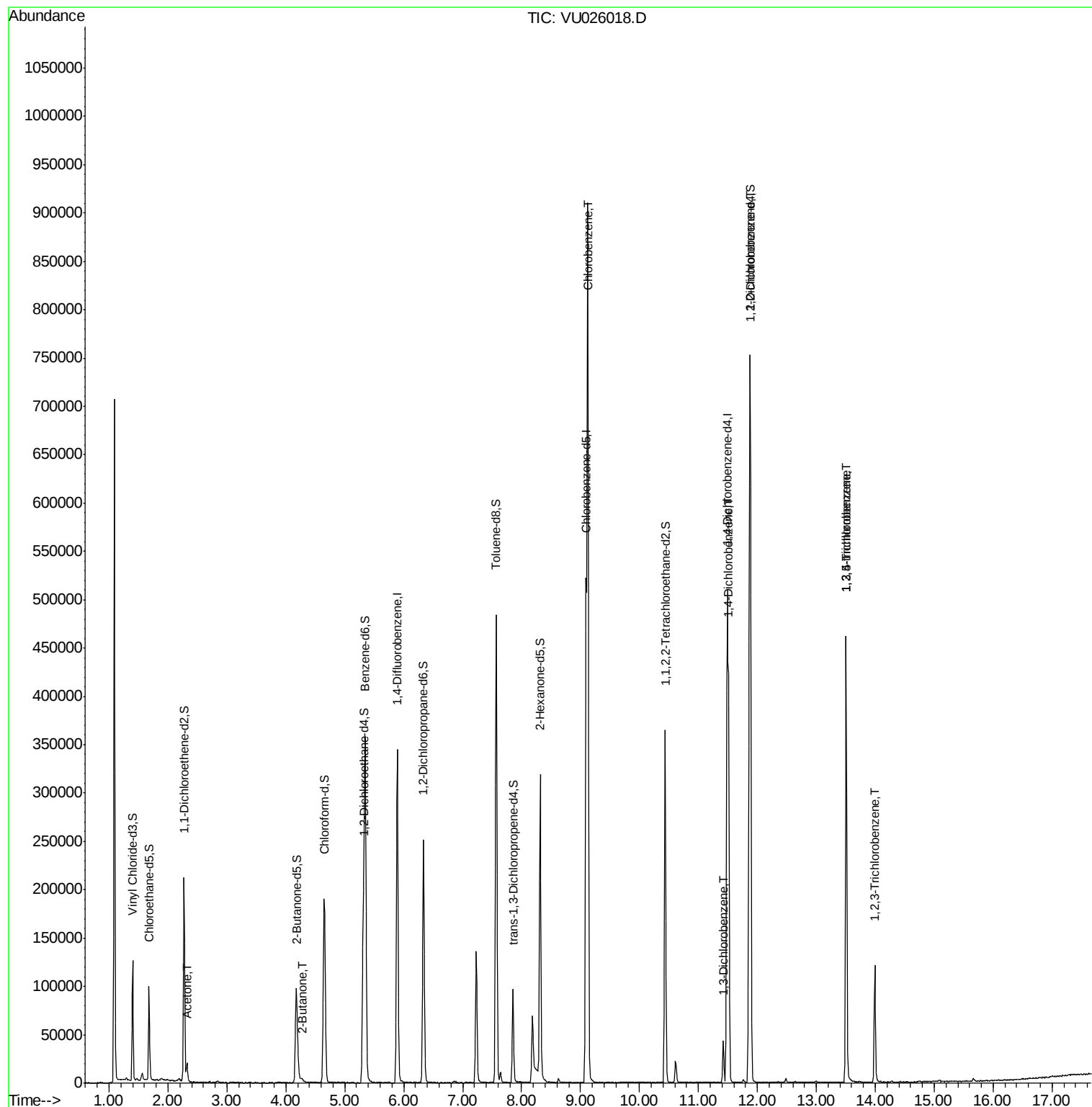
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080918\
Data File : VU026018.D
Acq On : 10 Aug 2018 00:30
Operator : MD/SY
Sample : J4401-02 10X
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ALS Vial : 43 Sample Multiplier: 1

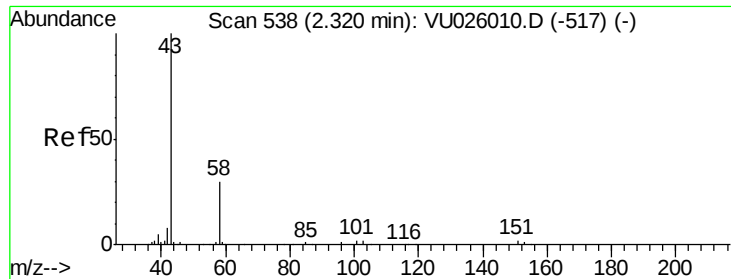
Instrument :
MSVOA_U
ClientSampleId :
A4ZE0

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Quant Time: Aug 10 08:10:42 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





#13

Acetone

Concen: 17.96 ug/L

RT: 2.32 min Scan# 538

Delta R.T. -0.00 min

Lab File: VU026018.D

Acq: 10 Aug 2018 00:30

Instrument :

MSVOA_U

ClientSampled :

A4ZE0

Tot Ion: 43 Resp: 19653

Ion Ratio Lower Upper

43 100

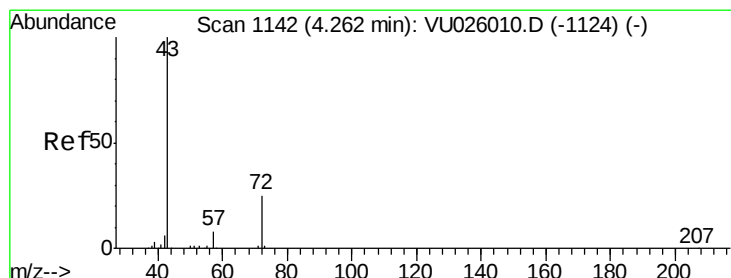
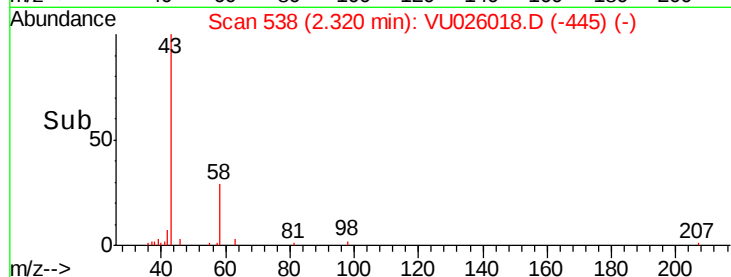
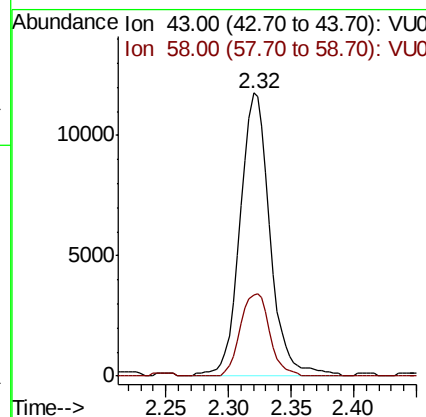
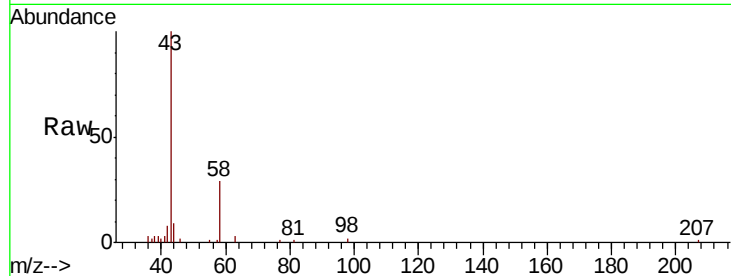
58 28.4 0.0 61.8

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#22

2-Butanone

Concen: 3.60 ug/L m

RT: 4.28 min Scan# 1147

Delta R.T. 0.02 min

Lab File: VU026018.D

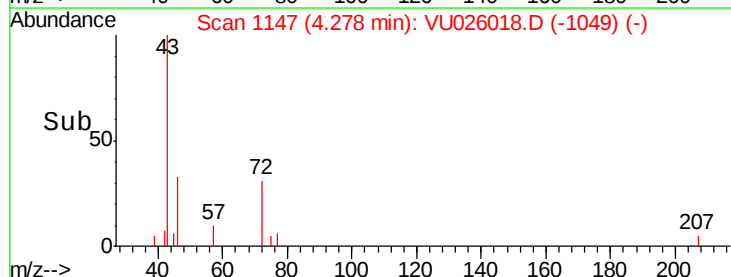
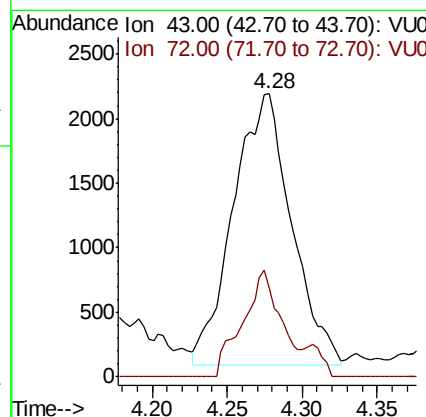
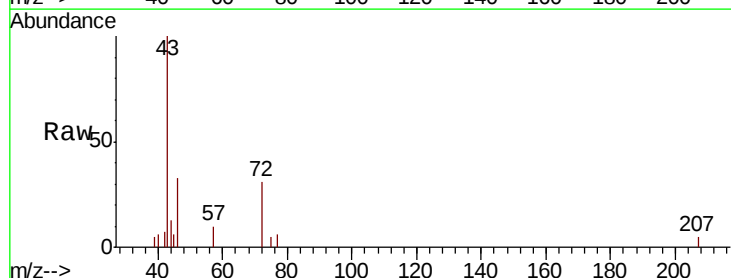
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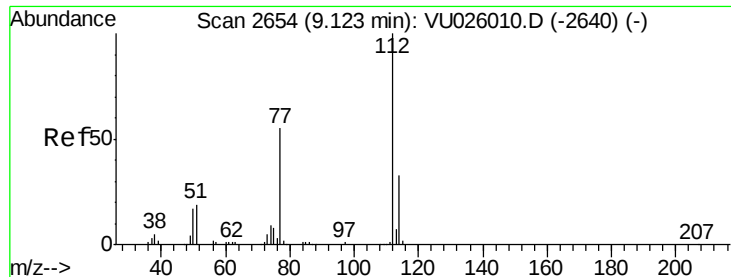
Tgt Ion: 43 Resp: 5703

Ion Ratio Lower Upper

43 100

72 25.4 13.5 40.5





#51

Chlorobenzene

Concen: 86.42 ug/L

RT: 9.12 min Scan# 2653

Delta R.T. -0.00 min

Lab File: VU026018.D

Acq: 10 Aug 2018 00:30

Instrument :

MSVOA_U

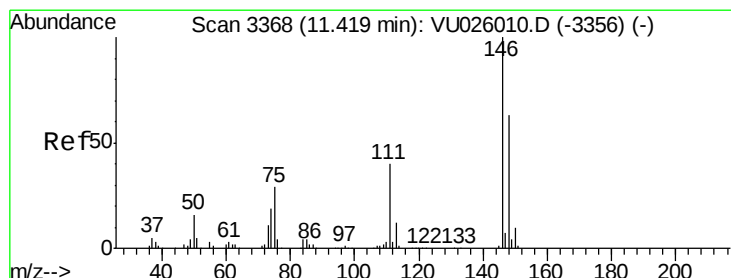
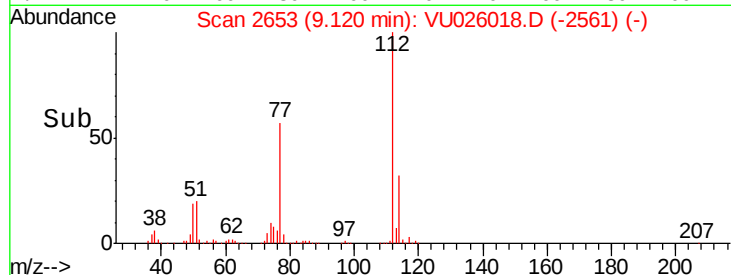
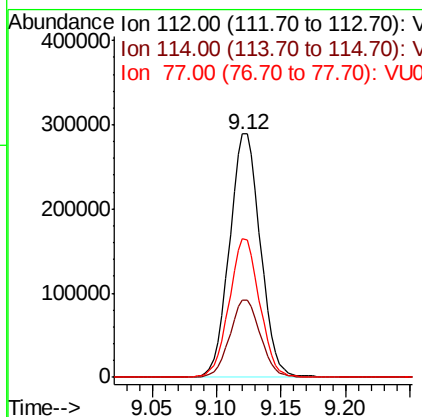
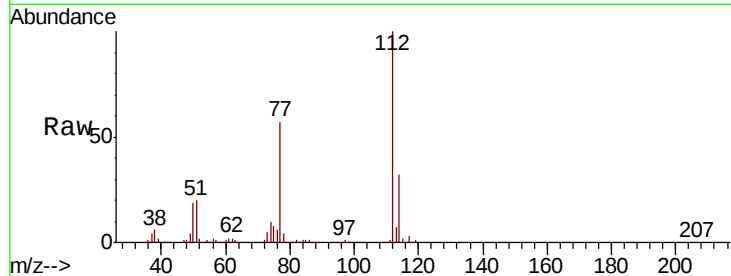
ClientSampleId :

A4ZE0

Tot Ion:	112	Resp:	480968
Ion Ratio	Lower	Upper	
112	100		
114	31.9	22.7	42.3
77	56.9	45.2	67.8

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#62

1,3-Dichlorobenzene

Concen: 4.74 ug/L

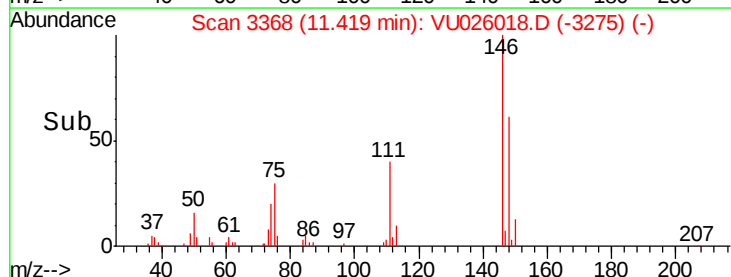
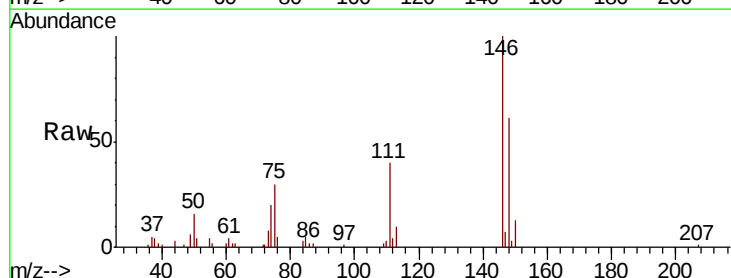
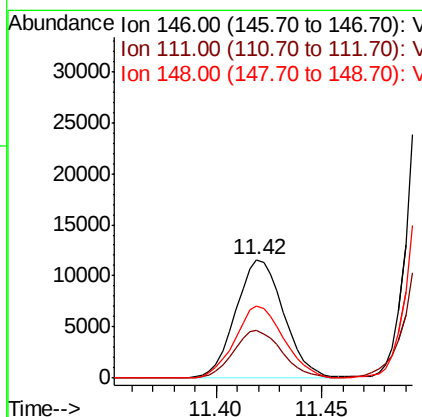
RT: 11.42 min Scan# 3368

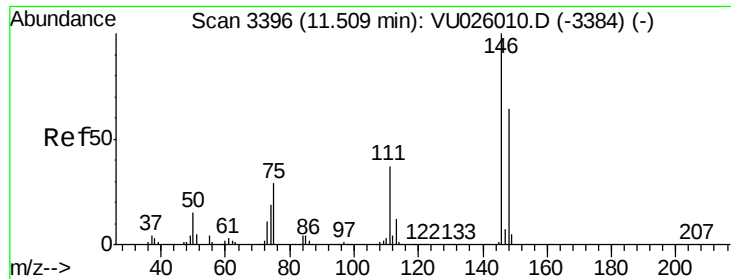
Delta R.T. -0.00 min

Lab File: VU026018.D

Acq: 10 Aug 2018 00:30

Tgt Ion:	146	Resp:	18311
Ion Ratio	Lower	Upper	
146	100		
111	40.2	27.9	51.9
148	61.3	46.0	85.4





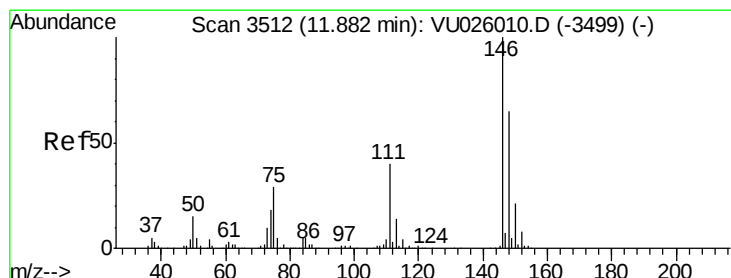
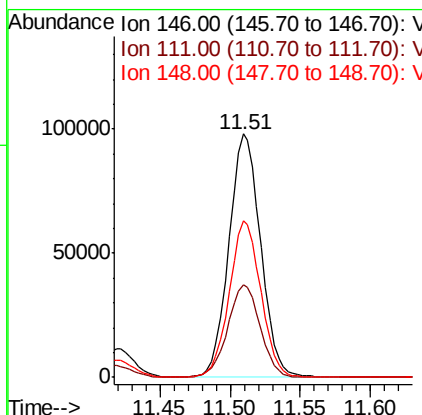
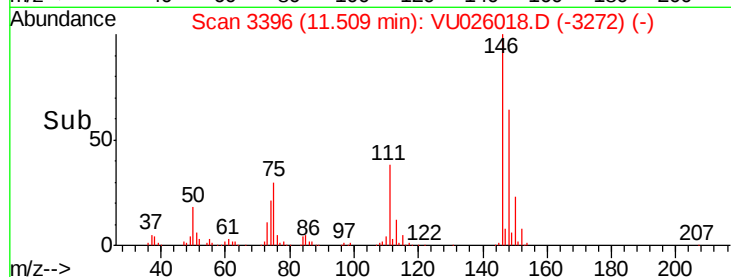
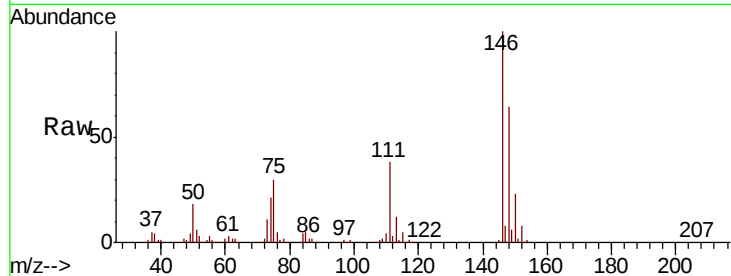
#63
 1,4-Dichlorobenzene
 Concen: 38.19 ug/L
 RT: 11.51 min Scan# 3396
 Delta R.T. -0.00 min
 Lab File: VU026018.D
 Acq: 10 Aug 2018 00:30

Instrument :
 MSVOA_U
 ClientSampled :
 A4ZE0

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.9	26.4	49.0
148	64.2	43.8	81.4

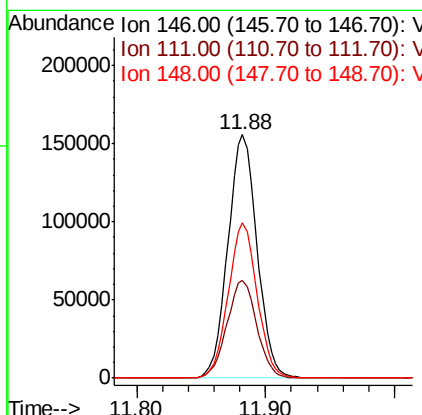
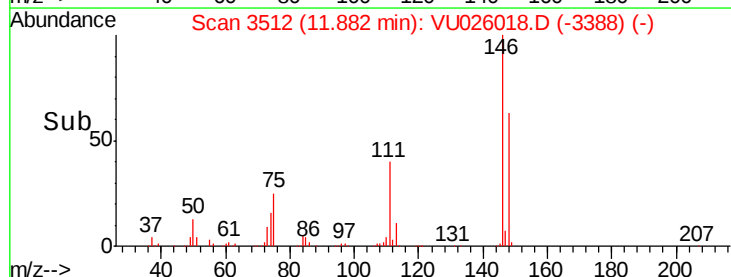
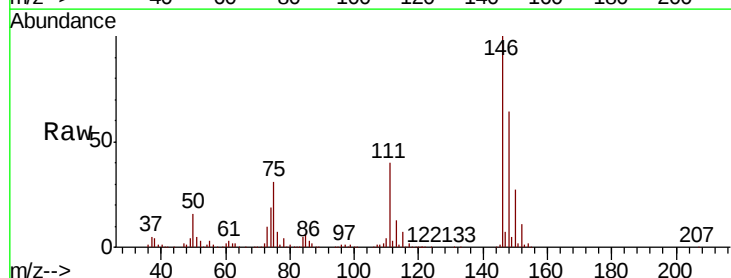
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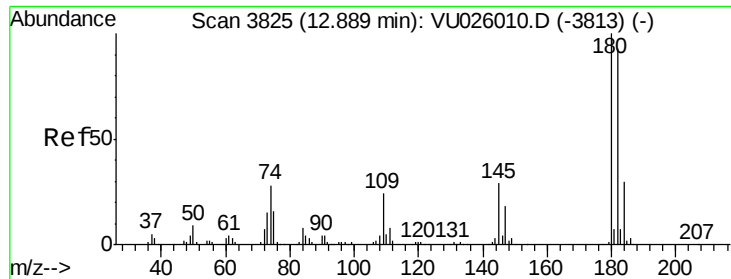
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#65
 1,2-Dichlorobenzene
 Concen: 59.43 ug/L
 RT: 11.88 min Scan# 3512
 Delta R.T. -0.00 min
 Lab File: VU026018.D
 Acq: 10 Aug 2018 00:30

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.2	32.4	48.6
148	63.6	50.1	75.1





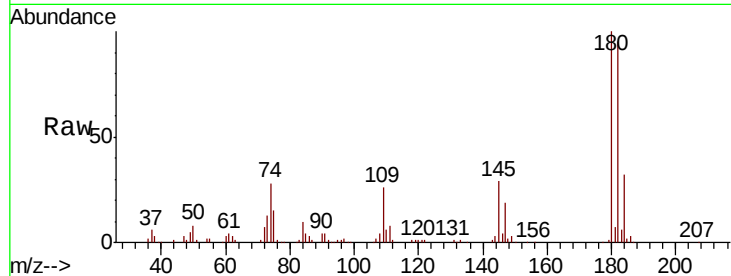
#67
 1,3,5-Trichlorobenzene
 Concen: 50.04 ug/L
 RT: 13.51 min Scan# 4017
 Delta R.T. 0.62 min
 Lab File: VU026018.D
 Acq: 10 Aug 2018 00:30

Instrument :
 MSVOA_U
 ClientSampleId :
 A4ZE0

Tot Ion	Ratio	Resp	Lower	Upper
180	100	144449		
182	96.4	76.5	114.7	
184	31.5	24.3	36.5	
145	29.6	23.5	35.3	

Manual Integrations
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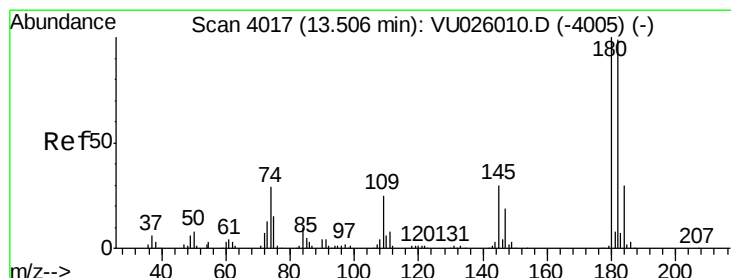
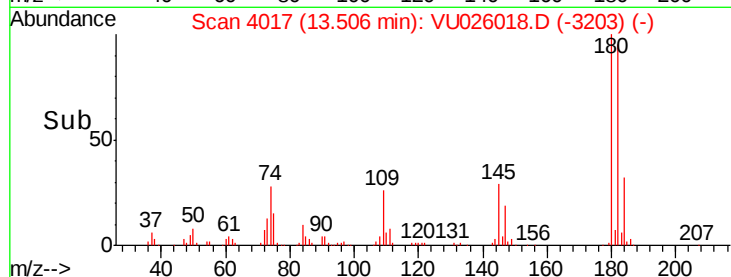
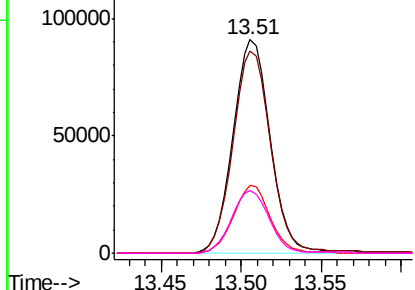
Abundance

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: 59.17 ug/L
 RT: 13.51 min Scan# 4017
 Delta R.T. -0.00 min
 Lab File: VU026018.D
 Acq: 10 Aug 2018 00:30

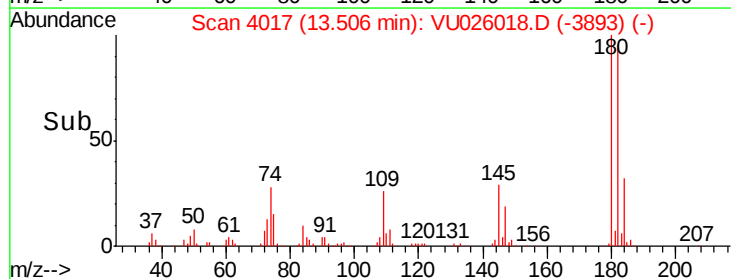
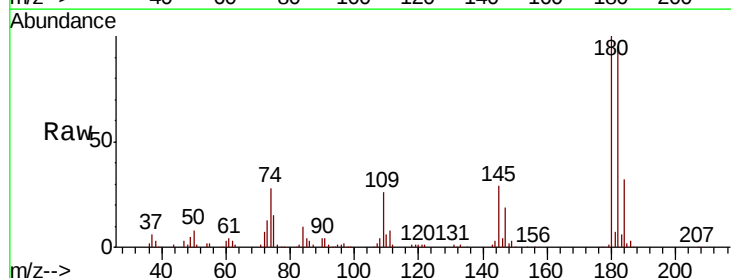
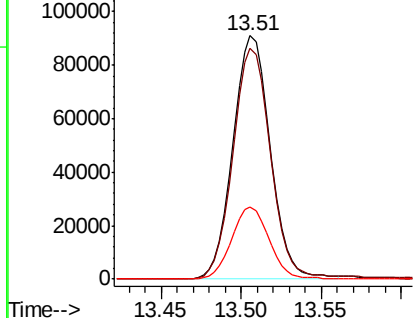
Tgt Ion	Ratio	Resp	Lower	Upper
180	100	144449		
182	96.4	76.5	114.7	
145	29.6	24.2	36.4	

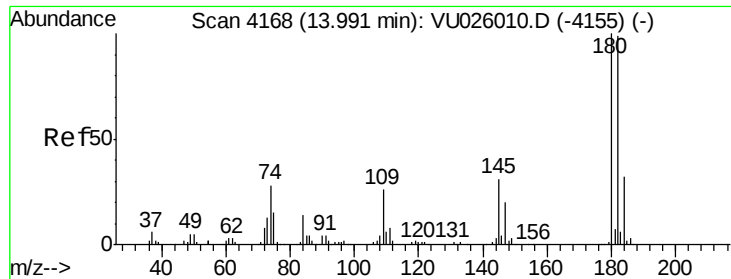
Abundance

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: 15.14 ug/L
 RT: 13.99 min Scan# 4168
 Delta R.T. -0.00 min
 Lab File: VU026018.D
 Acq: 10 Aug 2018 00:30

Instrument :
 MSVOA_U
 ClientSampleId :
 A4ZE0

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.5	76.5	114.7
145	30.7	24.7	37.1

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