

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU080918\
 Data File : VU025990.D
 Acq On : 09 Aug 2018 12:45
 Operator : MD/SY
 Sample : J4361-03 10X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A4ZB2

Manual Integrations
 APPROVED

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 8/10/2018 4:08:38 PM

Quant Time: Aug 21 17:02:44 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	300060	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	287553	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	146242	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	104380	47.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.18%
7) Chloroethane-d5	1.68	69	88442	50.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.72%
11) 1,1-Dichloroethene-d2	2.27	63	157385	37.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.52%
21) 2-Butanone-d5	4.18	46	177163	96.92	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.92%
24) Chloroform-d	4.65	84	230787	49.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.24%
26) 1,2-Dichloroethane-d4	5.31	65	159765	50.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.70%
32) Benzene-d6	5.35	84	454712	50.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.84%
36) 1,2-Dichloropropane-d6	6.33	67	145450	50.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.68%
41) Toluene-d8	7.57	98	424025	49.64	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.28%
43) trans-1,3-Dichloropropene-	7.85	79	74351	51.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.16%
47) 2-Hexanone-d5	8.31	63	128991	98.30	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.30%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	204686	48.45	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.90%
64) 1,2-Dichlorobenzene-d4	11.86	152	188025m	52.16	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.32%

Target Compounds

						Ovalue
13) Acetone	2.32	43	9422	8.30	ug/L	98
42) Toluene	7.64	91	60105	6.91	ug/L	99
51) Chlorobenzene	9.12	112	1080903	184.41	ug/L	99
62) 1,3-Dichlorobenzene	11.42	146	143436	31.51	ug/L	97
63) 1,4-Dichlorobenzene	11.51	146	1341448	281.07	ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	1836228	378.91	ug/L	99
68) 1,2,4-trichlorobenzene	13.51	180	2842332	987.79	ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	672304	217.38	ug/L	99

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

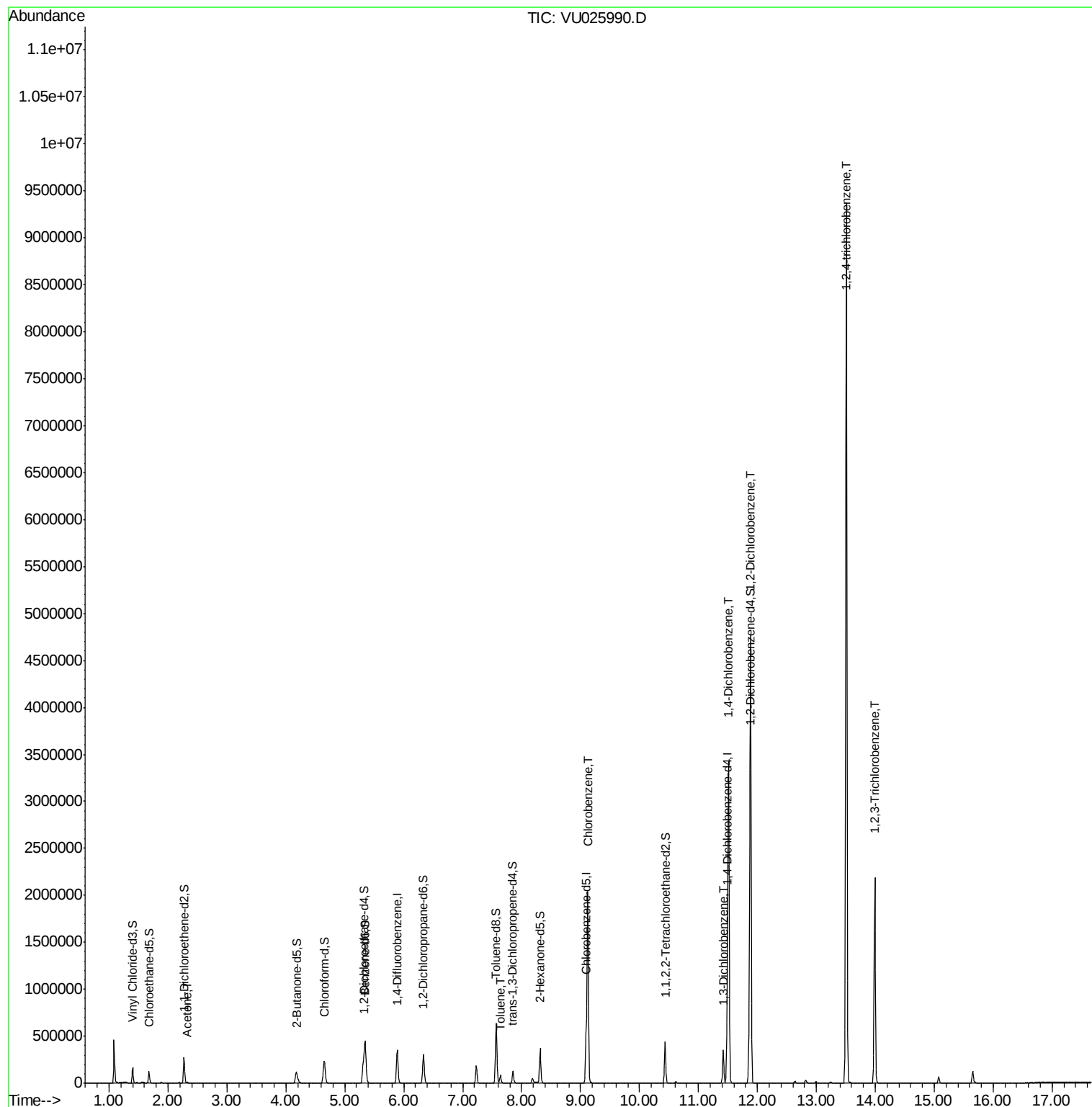
Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU080918\
Data File : VU025990.D
Acq On : 09 Aug 2018 12:45
Operator : MD/SY
Sample : J4361-03 10X
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ALS Vial : 14 Sample Multiplier: 1

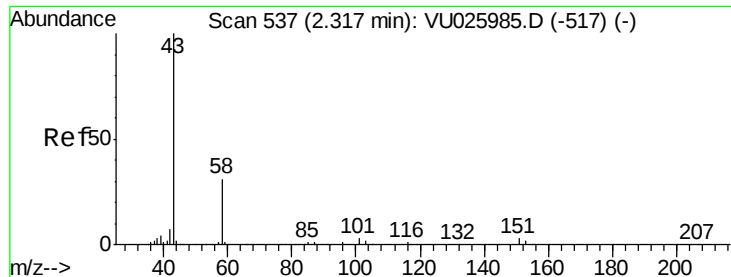
Instrument :
MSVOA_U
ClientSampleId :
A4ZB2

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Quant Time: Aug 21 17:02:44 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





#13

Acetone

Concen: 8.30 ug/L

RT: 2.32 min Scan# 539

Delta R.T. 0.01 min

Lab File: VU025990.D

Acq: 09 Aug 2018 12:45

Instrument :

MSVOA_U

ClientSampled :

A4ZB2

Tot Ion: 43 Resp: 9422

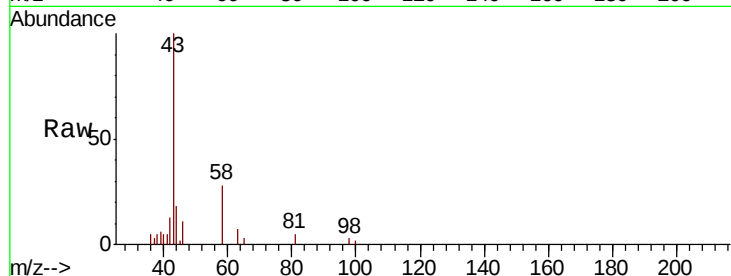
Ion Ratio Lower Upper

43 100

58 29.8 0.0 61.8

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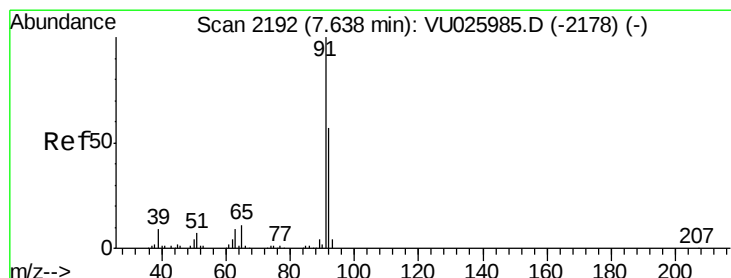
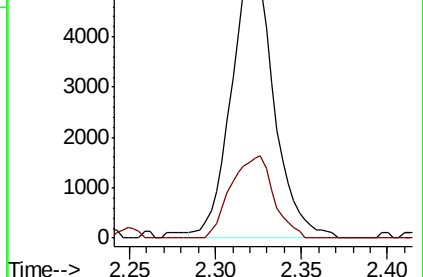
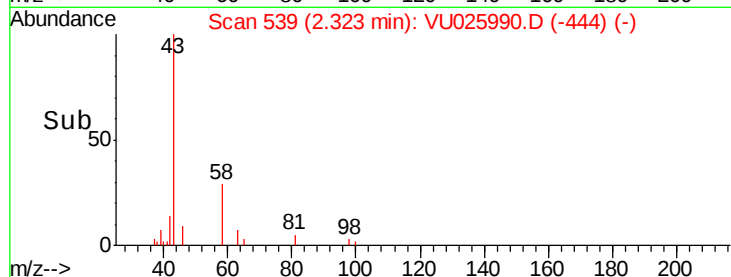


Abundance Ion 43.00 (42.70 to 43.70): VU025990.D (-2099) (-)

Ion 58.00 (57.70 to 58.70): VU025990.D (-2099) (-)

2.32

Time-->



#42

Toluene

Concen: 6.91 ug/L

RT: 7.64 min Scan# 2193

Delta R.T. 0.00 min

Lab File: VU025990.D

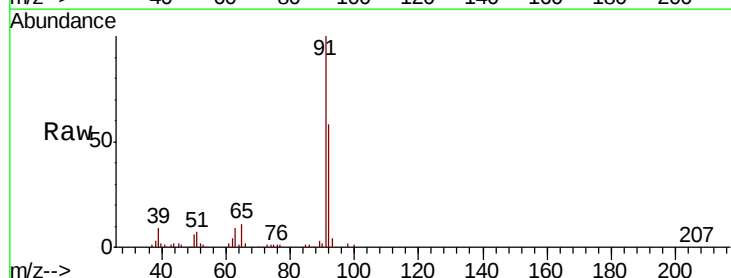
Acq: 09 Aug 2018 12:45

Tgt Ion: 91 Resp: 60105

Ion Ratio Lower Upper

91 100

92 57.7 41.0 76.2

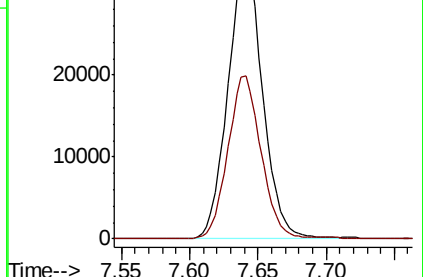
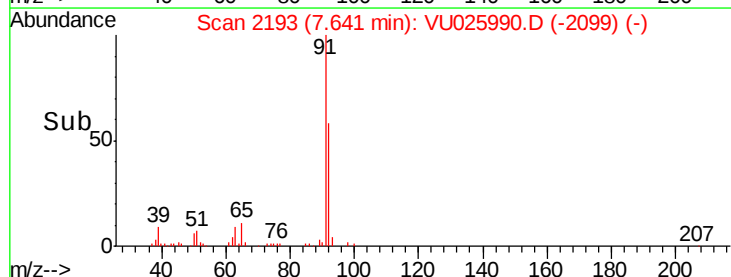


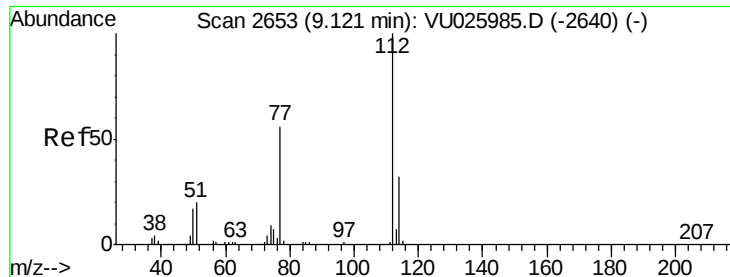
Abundance Ion 91.00 (90.70 to 91.70): VU025990.D (-2099) (-)

Ion 92.00 (91.70 to 92.70): VU025990.D (-2099) (-)

7.64

Time-->





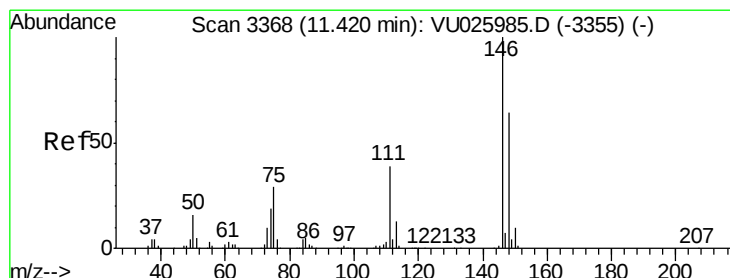
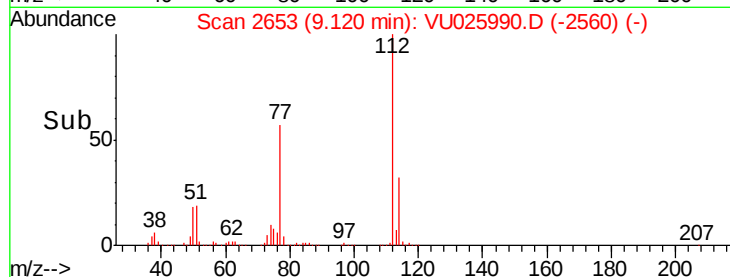
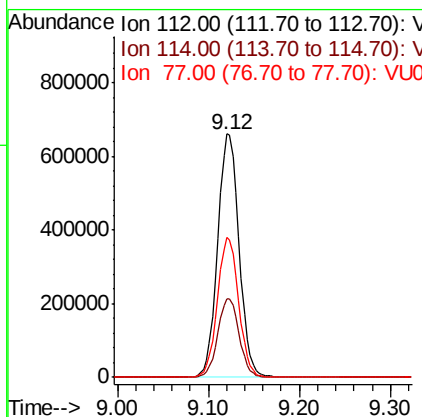
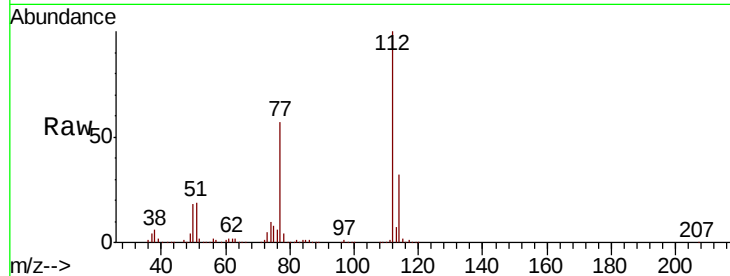
#51
Chlorobenzene
Concen: 184.41 ug/L
RT: 9.12 min Scan# 2653
Delta R.T. -0.00 min
Lab File: VU025990.D
Acq: 09 Aug 2018 12:45

Instrument :
MSVOA_U
ClientSampleId :
A4ZB2

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.3	22.7	42.3
77	57.3	45.2	67.8

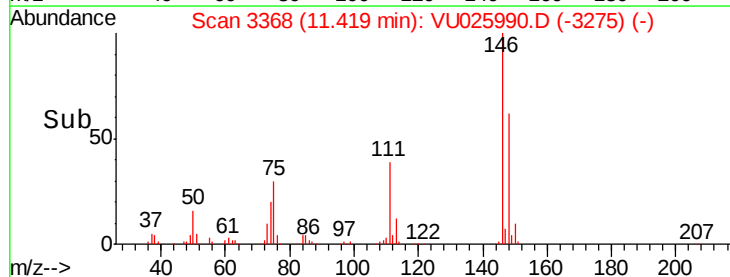
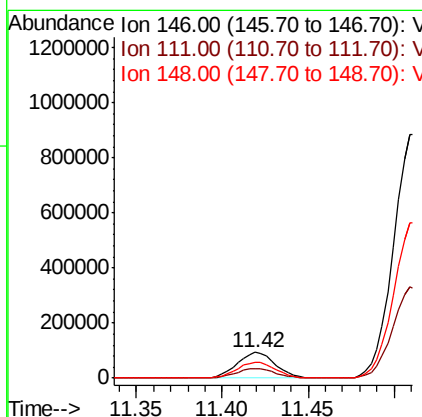
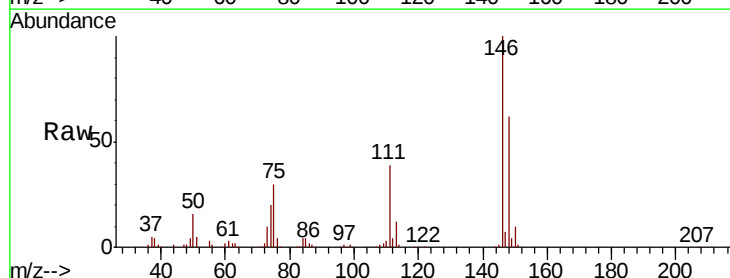
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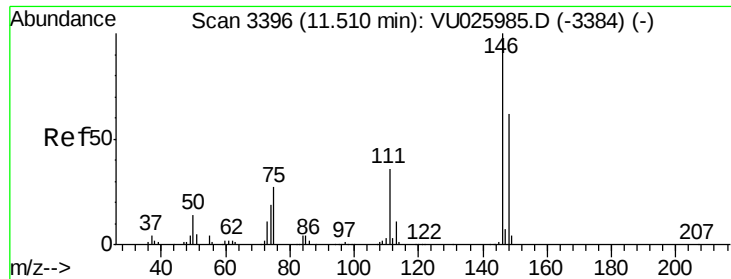
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#62
1,3-Dichlorobenzene
Concen: 31.51 ug/L
RT: 11.42 min Scan# 3368
Delta R.T. -0.00 min
Lab File: VU025990.D
Acq: 09 Aug 2018 12:45

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.1	27.9	51.9
148	62.1	46.0	85.4





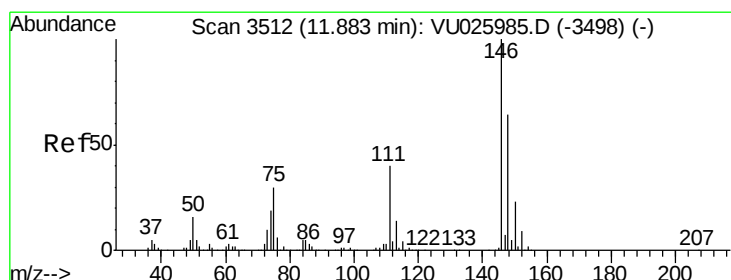
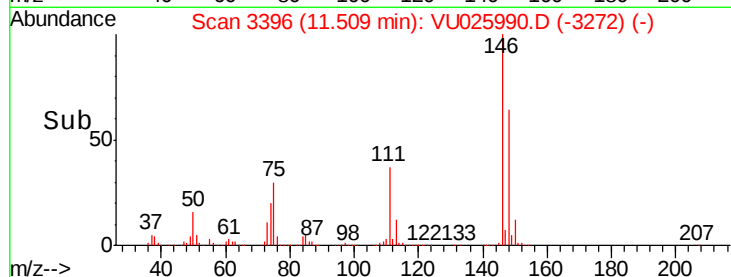
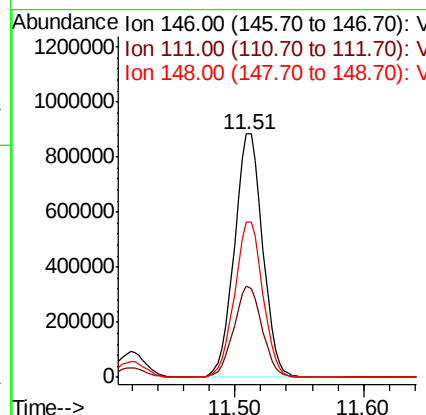
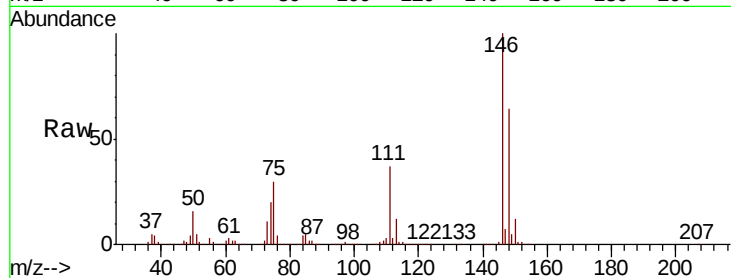
#63
1,4-Dichlorobenzene
Concen: 281.07 ug/L
RT: 11.51 min Scan# 3396
Delta R.T. -0.00 min
Lab File: VU025990.D
Acq: 09 Aug 2018 12:45

Instrument :
MSVOA_U
ClientSampled :
A4ZB2

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.4	26.4	49.0
148	63.7	43.8	81.4

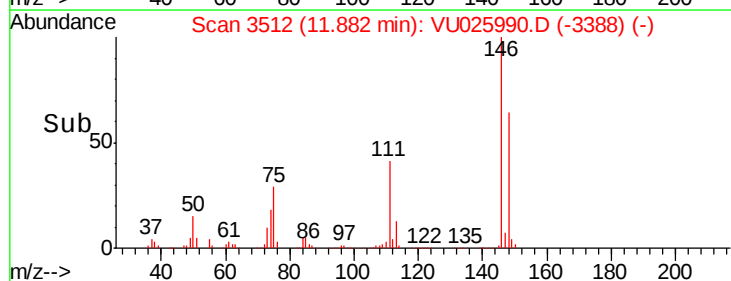
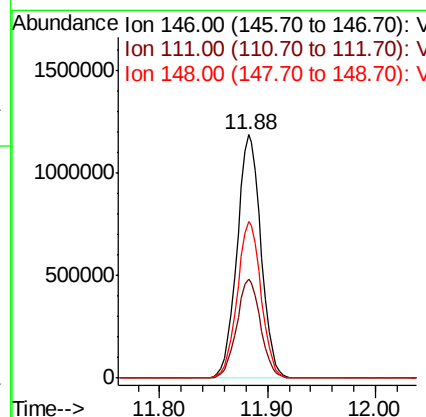
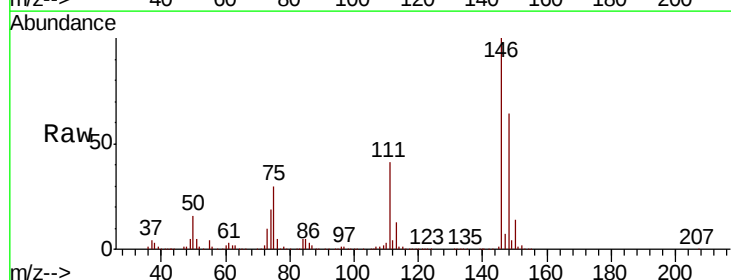
Manual Integrations
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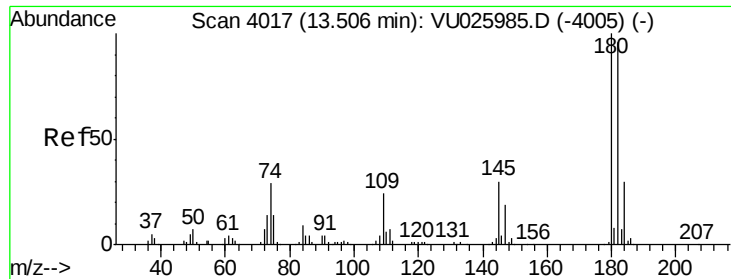
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#65
1,2-Dichlorobenzene
Concen: 378.91 ug/L
RT: 11.88 min Scan# 3512
Delta R.T. -0.00 min
Lab File: VU025990.D
Acq: 09 Aug 2018 12:45

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.8	32.4	48.6
148	64.3	50.1	75.1





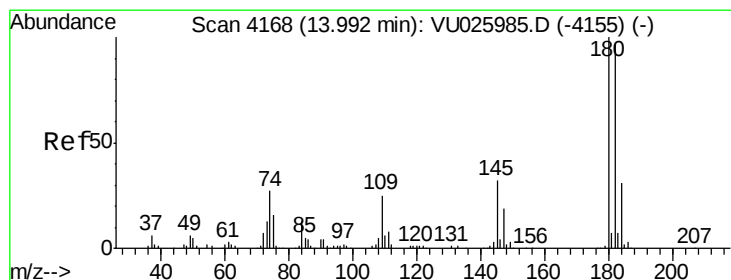
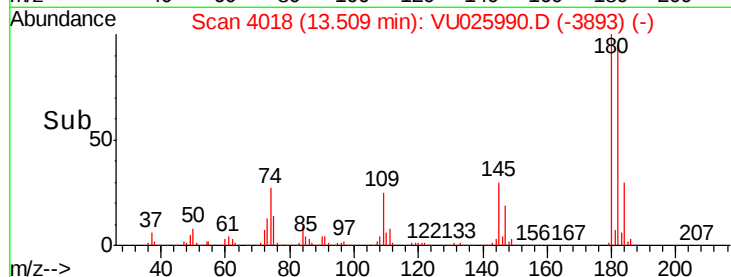
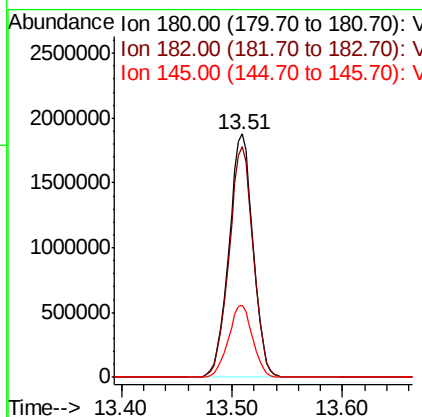
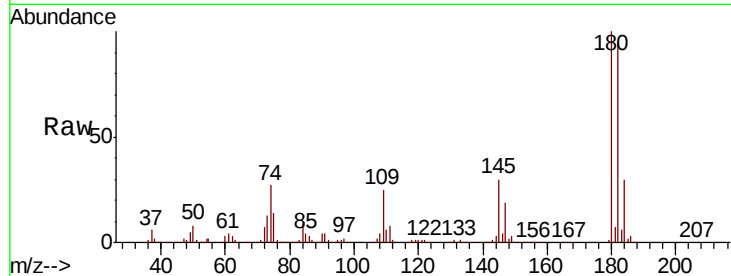
#68
 1,2,4-trichlorobenzene
 Concen: 987.79 ug/L
 RT: 13.51 min Scan# 4018
 Delta R.T. 0.00 min
 Lab File: VU025990.D
 Acq: 09 Aug 2018 12:45

Instrument :
 MSVOA_U
 ClientSampled :
 A4ZB2

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.2	76.5	114.7
145	29.8	24.2	36.4

Manual Integrations
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#70
 1,2,3-Trichlorobenzene
 Concen: 217.38 ug/L
 RT: 13.99 min Scan# 4168
 Delta R.T. -0.00 min
 Lab File: VU025990.D
 Acq: 09 Aug 2018 12:45

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	76.5	114.7
145	31.6	24.7	37.1

