

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102418\
 Data File : VW006325.D
 Acq On : 24 Oct 2018 17:43
 Operator : SY/AP
 Sample : J5635-23
 Misc : 5.23G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A40F9

Manual Integrations
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 10/29/2018 5:57:40 PM

Quant Time: Nov 13 17:28:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100918S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 25 07:32:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	283232	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	213533	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	82510	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	68465	21.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.72%
7) Chloroethane-d5	2.90	69	67380	24.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.04%
10) 1,1-Dichloroethene-d2	4.01	63	101999	16.63	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.52%
20) 2-Butanone-d5	7.09	46	46898	44.29	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.58%
24) Chloroform-d	7.65	84	154760	25.22	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.88%
26) 1,2-Dichloroethane-d4	8.31	65	90095	26.54	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.16%
29) Benzene-d6	8.28	84	295033	30.43	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	121.72%
33) 1,2-Dichloropropane-d6	9.28	67	89808	30.69	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	122.76%#
37) Toluene-d8	10.33	98	245336	25.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.24%
38) trans-1,3-Dichloropropene-	10.58	79	34182	24.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.16%
39) 2-Hexanone-d5	10.93	63	39713	56.17	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.34%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	75476	26.53	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.12%
61) 1,2-Dichlorobenzene-d4	13.86	152	62341	22.04	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.16%

Target Compounds

					Ovalue
13) Acetone	4.14	43	16392	15.325	ug/L 99
16) Methylene chloride	4.90	84	8882m	2.429	ug/L
52) Chlorobenzene	11.66	112	16915	2.031	ug/L 97
54) m,p-Xylene	11.84	106	3087	0.550	ug/L 88
63) 1,3-Dichlorobenzene	13.51	146	660048	130.265	ug/L 99
64) 1,4-Dichlorobenzene	13.58	146	10174086	1993.945	ug/L 93
65) 1,2-Dichlorobenzene	13.88	146	1185720	254.375	ug/L 100
68) 1,2,4-trichlorobenzene	15.14	180	32313499m	9278.211	ug/L
70) 1,2,3-Trichlorobenzene	15.57	180	22887765m	7315.101	ug/L

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

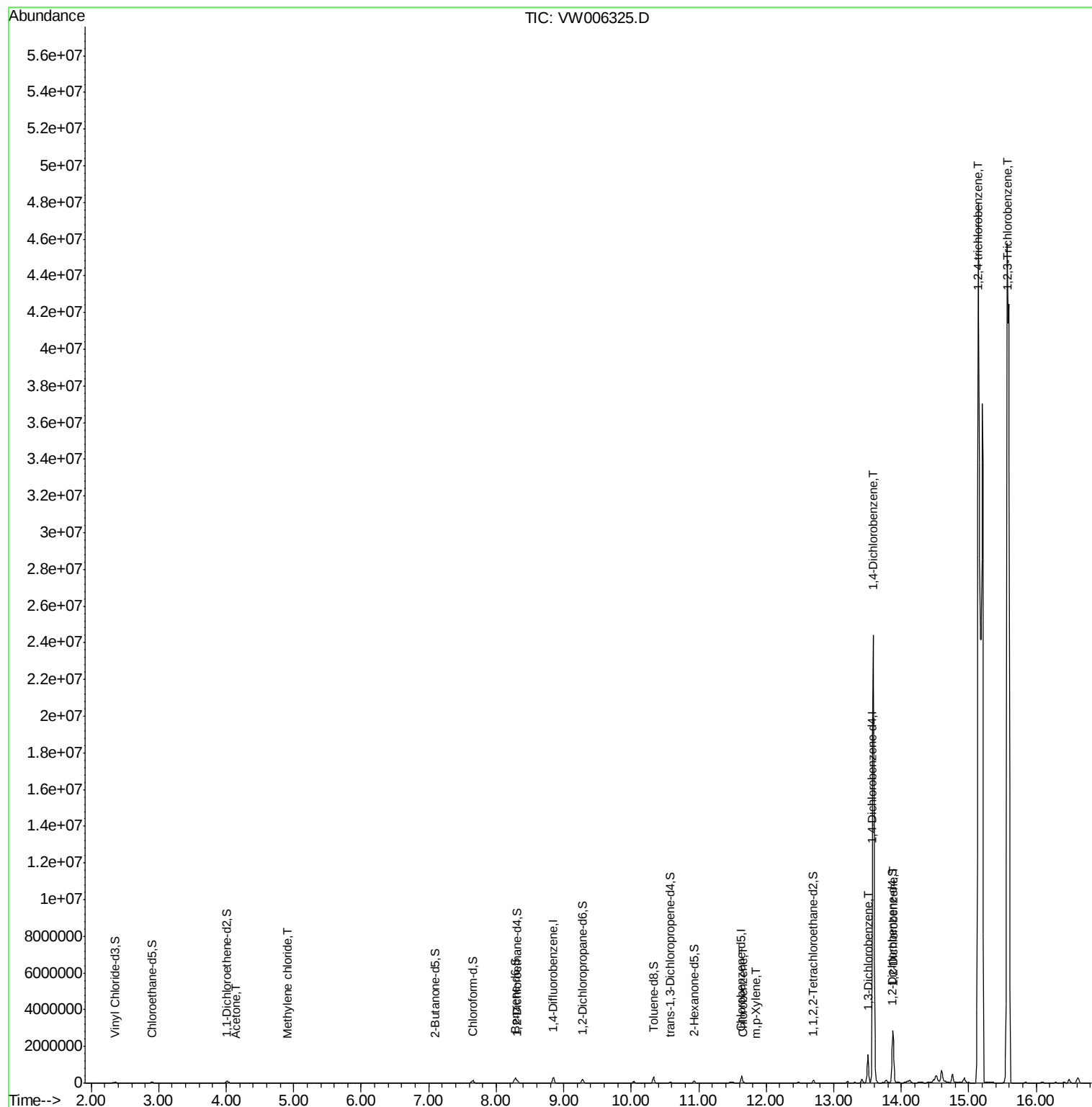
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102418\
Data File : VW006325.D
Acq On : 24 Oct 2018 17:43
Operator : SY/AP
Sample : J5635-23
Misc : 5.23G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

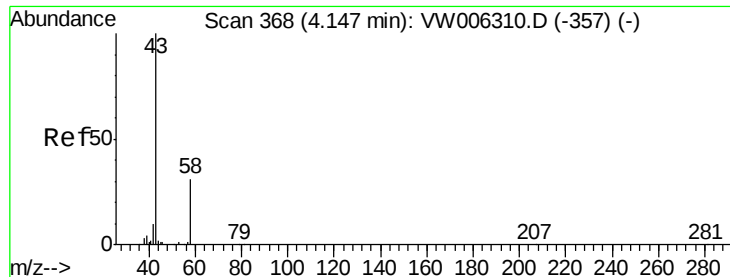
Instrument :
MSVOA_W
ClientSampleId :
A40F9

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Quant Time: Nov 13 17:28:40 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100918S.M
Quant Title : VOC Analysis
QLast Update : Thu Oct 25 07:32:16 2018
Response via : Initial Calibration





#13

Acetone

Concen: 15.325 ug/L

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

Lab File: VW006325.D

Acq: 24 Oct 2018 17:43

Instrument :

MSVOA_W

ClientSampleId :

A40F9

Tot Ion: 43 Resp: 16392

Ion Ratio Lower Upper

43 100

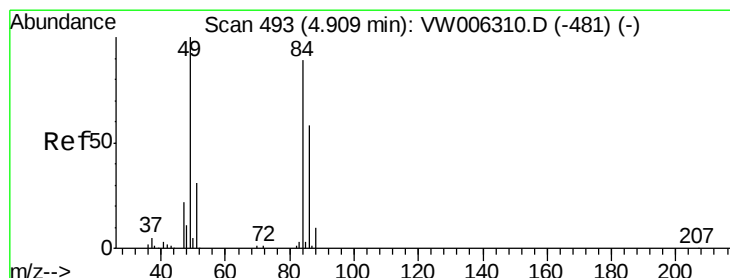
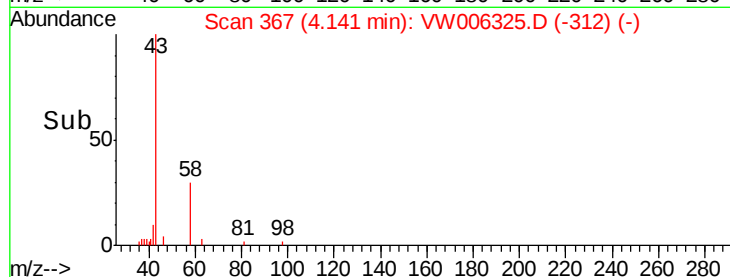
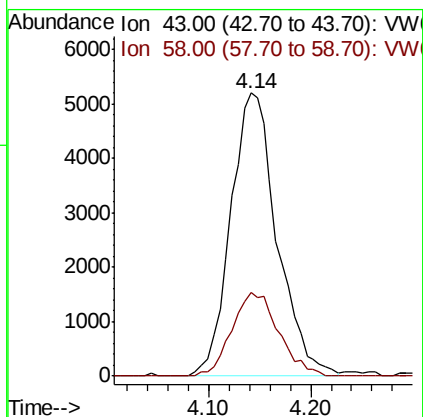
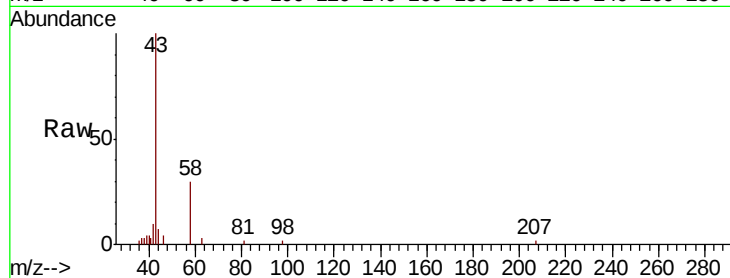
58 29.8 0.0 61.2

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#16

Methylene chloride

Concen: 2.429 ug/L m

RT: 4.90 min Scan# 492

Delta R.T. -0.01 min

Lab File: VW006325.D

Acq: 24 Oct 2018 17:43

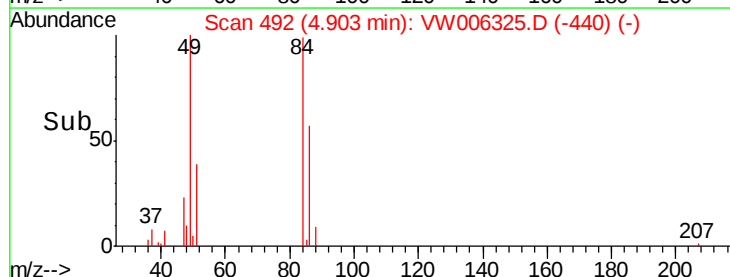
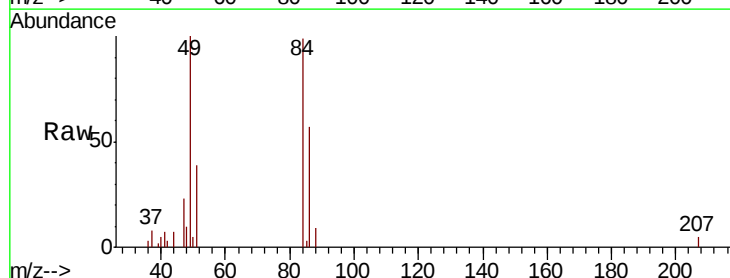
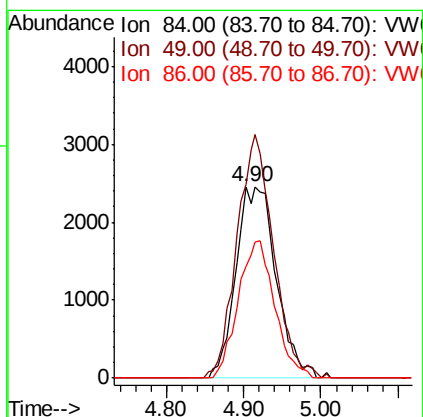
Tgt Ion: 84 Resp: 8882

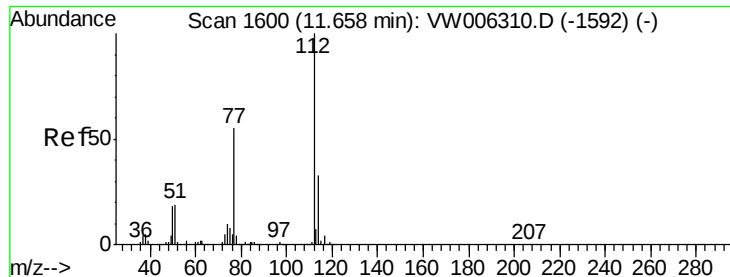
Ion Ratio Lower Upper

84 100

49 100.9 83.5 155.1

86 58.0 44.9 83.5





#52

Chlorobenzene

Concen: 2.031 ug/L

RT: 11.66 min Scan# 1601

Delta R.T. 0.01 min

Lab File: VW006325.D

Acq: 24 Oct 2018 17:43

Instrument :

MSVOA_W

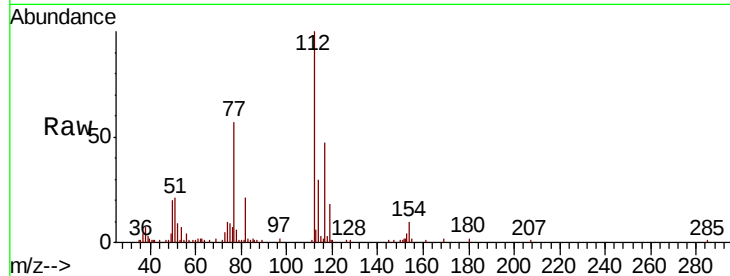
ClientSampleId :

A40F9

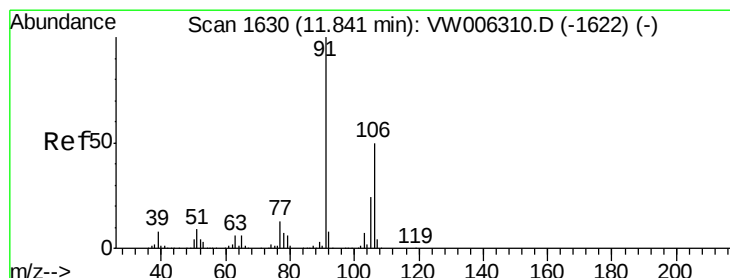
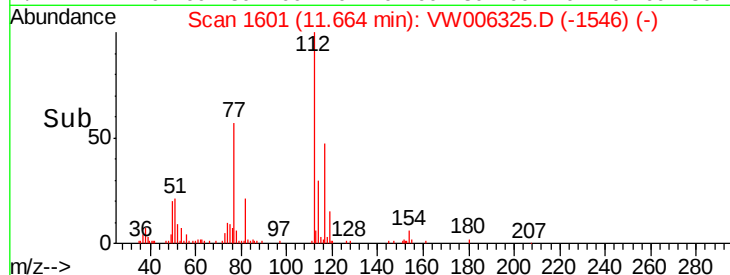
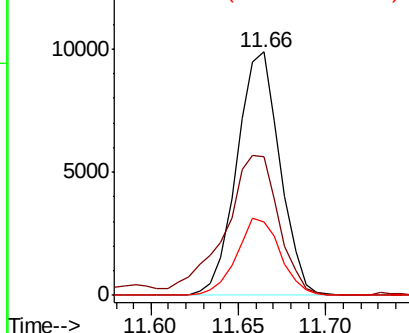
Tot Ion:	112	Resp:	16915
Ion Ratio	Lower	Upper	
112	100		
77	57.2	44.2	66.2
114	29.9	22.1	41.1

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Abundance Ion 112.00 (111.70 to 112.70): V
Ion 77.00 (76.70 to 77.70): VW
Ion 114.00 (113.70 to 114.70): V



#54

m,p-Xylene

Concen: 0.550 ug/L

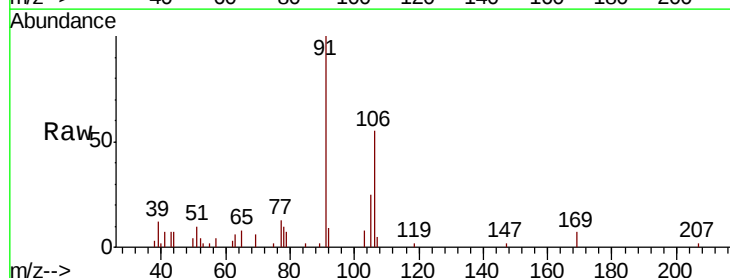
RT: 11.84 min Scan# 1630

Delta R.T. -0.01 min

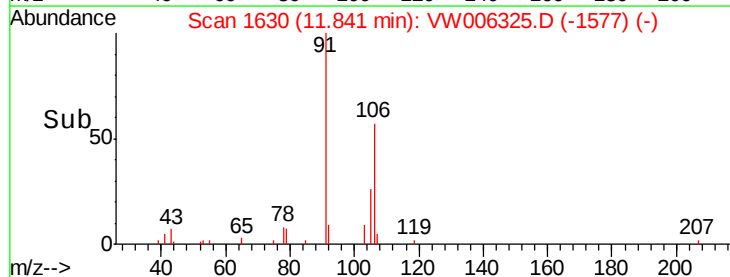
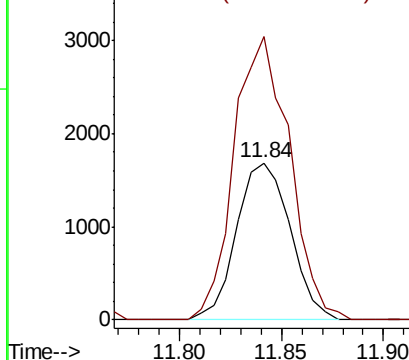
Lab File: VW006325.D

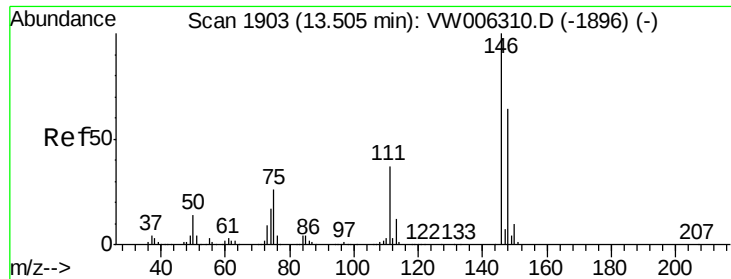
Acq: 24 Oct 2018 17:43

Tgt Ion:	106	Resp:	3087
Ion Ratio	Lower	Upper	
106	100		
91	180.2	138.4	257.0



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VW





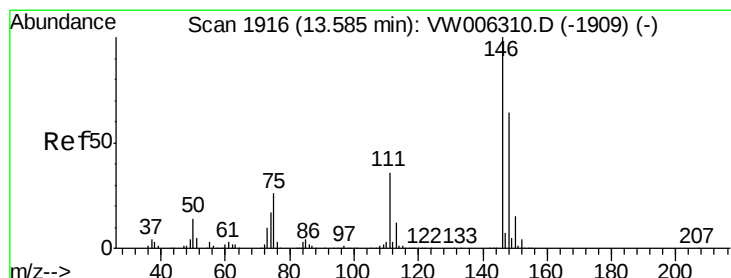
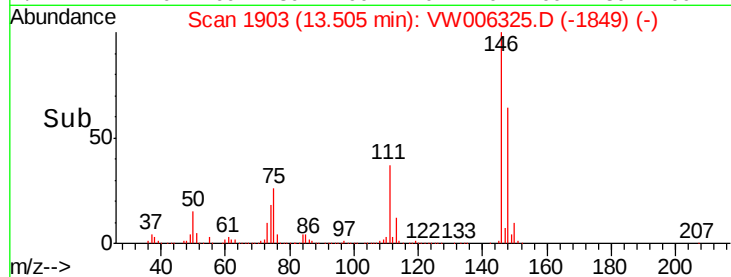
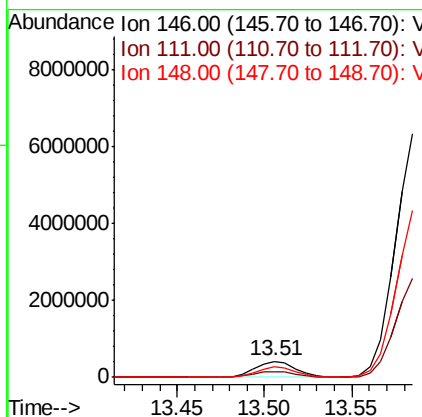
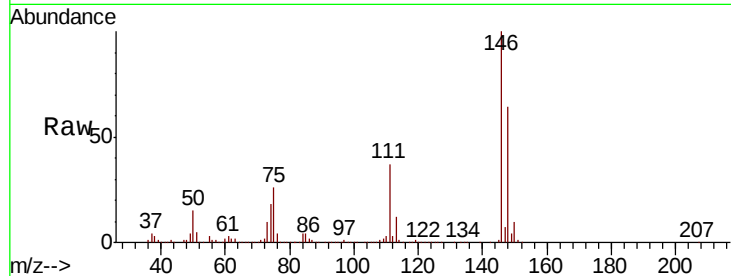
#63
1,3-Dichlorobenzene
Concen: 130.265 ug/L
RT: 13.51 min Scan# 1903
Delta R.T. 0.00 min
Lab File: VW006325.D
Acq: 24 Oct 2018 17:43

Instrument :
MSVOA_W
ClientSampleId :
A40F9

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.2	26.3	48.9
148	64.3	44.7	82.9

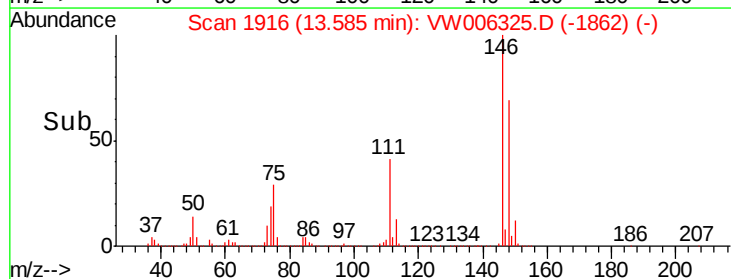
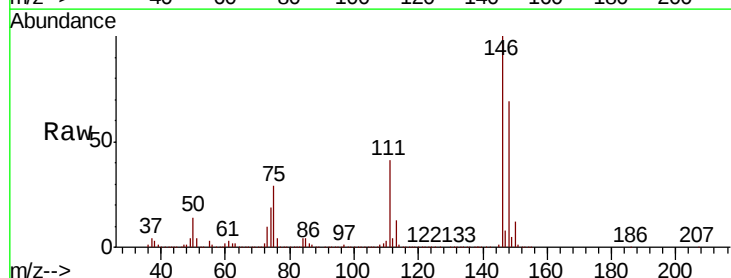
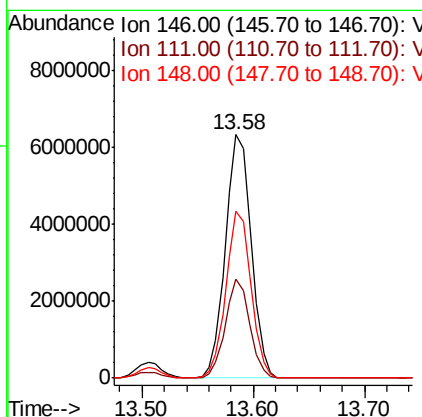
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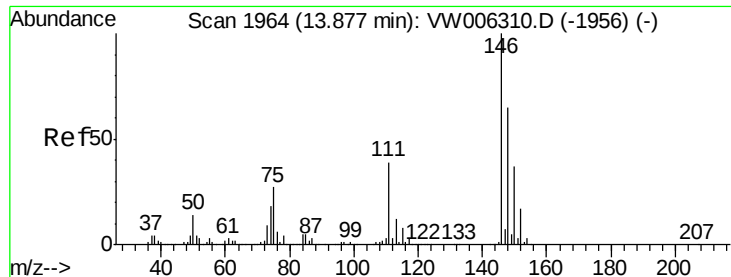
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#64
1,4-Dichlorobenzene
Concen: 1993.945 ug/L
RT: 13.58 min Scan# 1916
Delta R.T. 0.00 min
Lab File: VW006325.D
Acq: 24 Oct 2018 17:43

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.7	24.7	45.9
148	68.6	44.9	83.5





#65

1,2-Dichlorobenzene

Concen: 254.375 ug/L

RT: 13.88 min Scan# 1964

Delta R.T. 0.00 min

Lab File: VW006325.D

Acq: 24 Oct 2018 17:43

Instrument :

MSVOA_W

ClientSampled :

A40F9

Tot Ion:146 Resp: 1185720

Ion Ratio Lower Upper

146 100

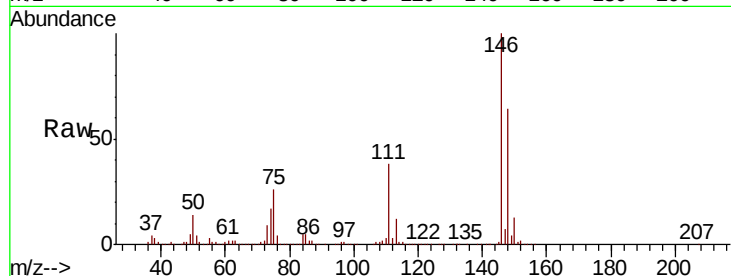
111 38.3 31.1 46.7

148 64.1 51.2 76.8

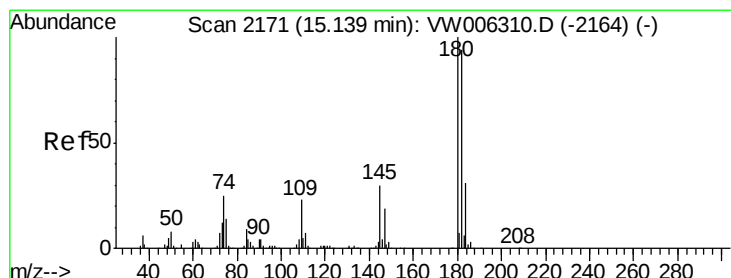
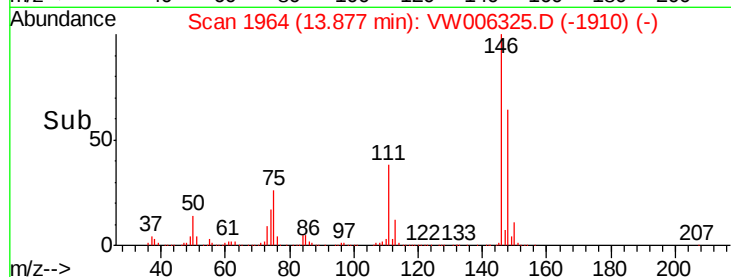
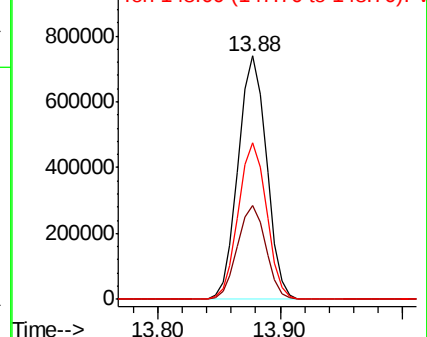
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Abundance Ion 146.00 (145.70 to 146.70): V
Ion 111.00 (110.70 to 111.70): V
Ion 148.00 (147.70 to 148.70): V



#68

1,2,4-trichlorobenzene

Concen: 9278.211 ug/L m

RT: 15.14 min Scan# 2171

Delta R.T. -0.01 min

Lab File: VW006325.D

Acq: 24 Oct 2018 17:43

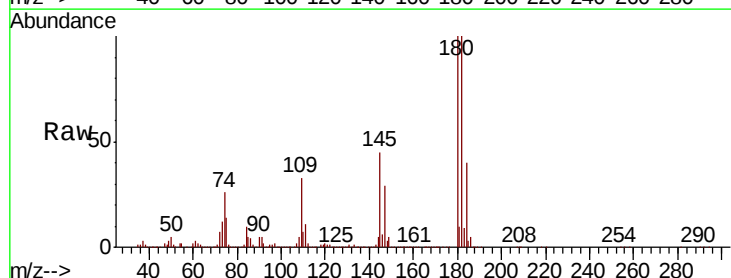
Tgt Ion:180 Resp:32313499

Ion Ratio Lower Upper

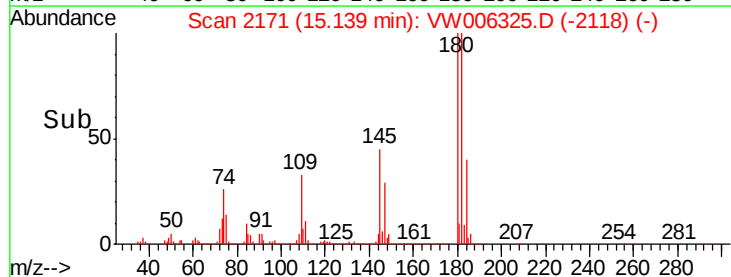
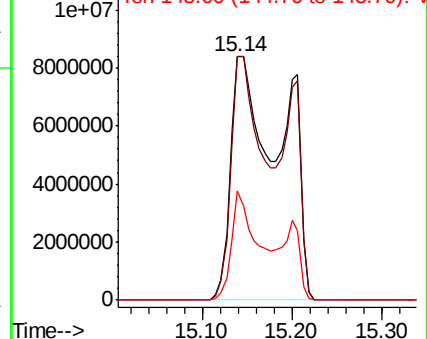
180 100

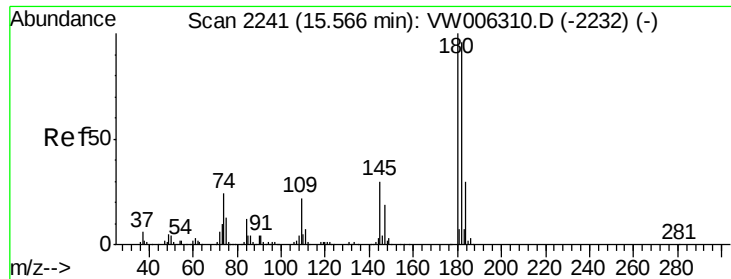
182 31.6 76.2 114.2#

145 8.7 23.0 34.6#



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





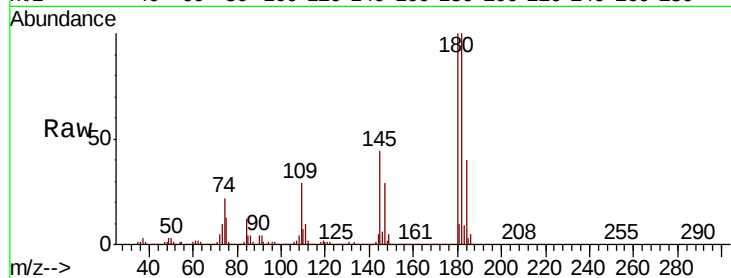
#70
 1,2,3-Trichlorobenzene
 Concen: 7315.101 ug/L m
 RT: 15.57 min Scan# 2242
 Delta R.T. 0.01 min
 Lab File: VW006325.D
 Acq: 24 Oct 2018 17:43

Instrument :
 MSVOA_W
 ClientSampleId :
 A40F9

Tot Ion:180 Resp:22887765
 Ion Ratio Lower Upper
 180 100
 182 63.9 75.5 113.3#
 145 26.5 24.5 36.7

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 145.00 (144.70 to 145.70): V

