

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080118\
 Data File : VW004381.D
 Acq On : 01 Aug 2018 17:04
 Operator : SY/AP
 Sample : J4209-11
 Misc : 6.26G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AC7

Manual Integrations
 APPROVED

MMDadoda
 8/2/2018 1:27:34 PM

Quant Time: Aug 02 04:59:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073118S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 02 03:56:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	63351	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	64202	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	30918	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	12507	25.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.36%
7) Chloroethane-d5	2.89	69	13914	28.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	114.16%
10) 1,1-Dichloroethene-d2	4.00	63	26946	18.91	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.64%
20) 2-Butanone-d5	7.09	46	15105	49.36	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.72%
24) Chloroform-d	7.65	84	56201	35.89	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	143.56%
26) 1,2-Dichloroethane-d4	8.31	65	44943	51.25	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	205.00%#
29) Benzene-d6	8.28	84	93455	28.19	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	112.76%
33) 1,2-Dichloropropane-d6	9.28	67	40656	39.58	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	158.32%#
37) Toluene-d8	10.33	98	83737	26.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	105.72%
38) trans-1,3-Dichloropropene-	10.58	79	14380	28.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	115.88%
39) 2-Hexanone-d5	10.93	63	16696	63.31	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	126.62%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	59539	55.49	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	221.96%#
61) 1,2-Dichlorobenzene-d4	13.86	152	29749	25.17	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.68%

Target Compounds

					Ovalue
13) Acetone	4.12	43	3202	11.96	ug/L 75
16) Methylene chloride	4.92	84	5315m	5.31	ug/L
63) 1,3-Dichlorobenzene	13.51	146	30275	15.18	ug/L 93
64) 1,4-Dichlorobenzene	13.59	146	33034	16.10	ug/L # 78
65) 1,2-Dichlorobenzene	13.88	146	68095	36.12	ug/L # 93
68) 1,2,4-trichlorobenzene	15.15	180	10773	8.02	ug/L 100
70) 1,2,3-Trichlorobenzene	15.57	180	4120	3.32	ug/L # 90

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

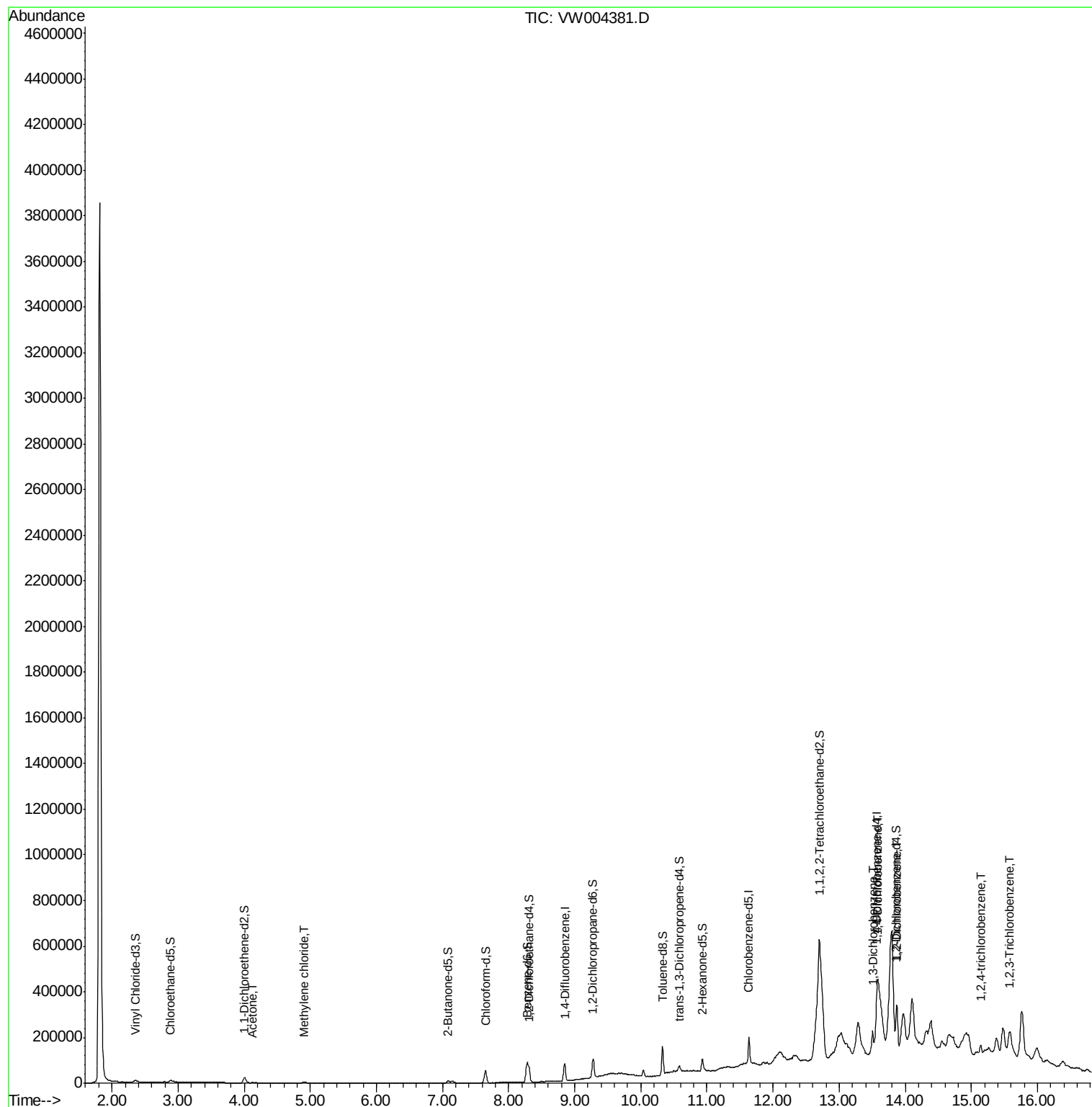
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080118\
Data File : VW004381.D
Acq On : 01 Aug 2018 17:04
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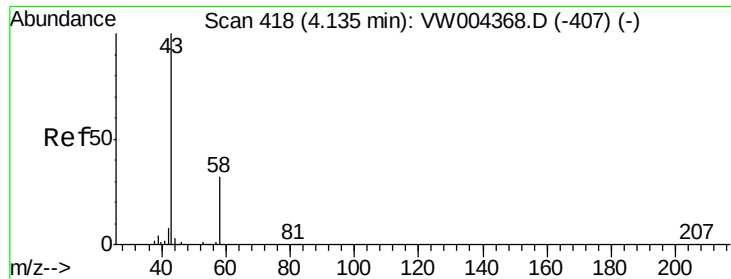
Instrument :
MSVOA_W
ClientSampleId :
C0AC7

Manual Integrations
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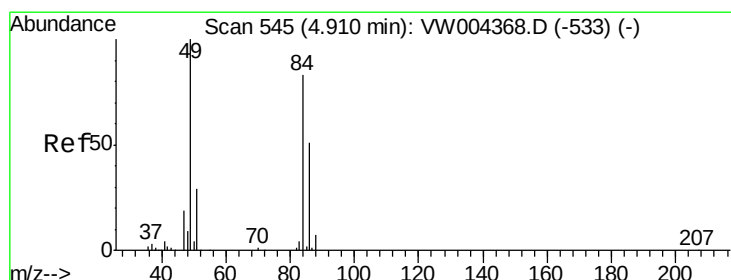
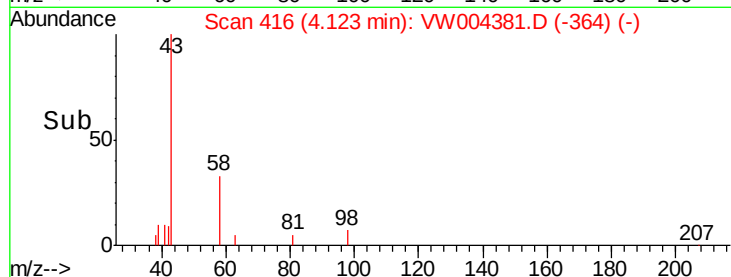
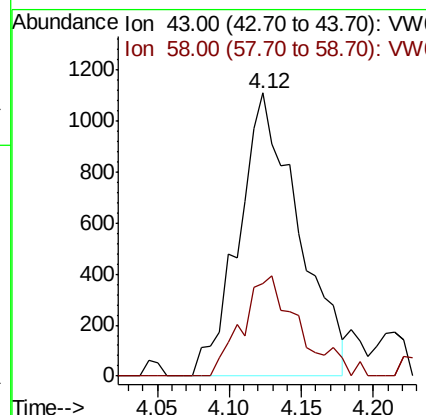
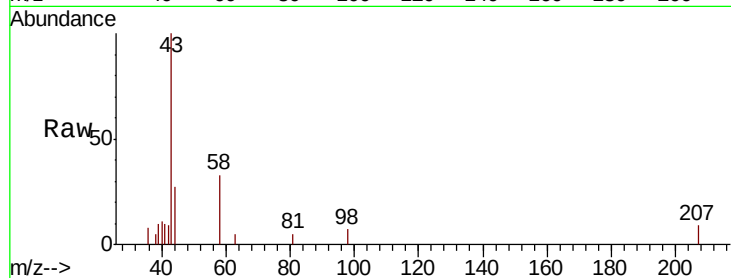
#13
Acetone
Concen: 11.96 ug/L
RT: 4.12 min Scan# 416
Delta R.T. -0.01 min
Lab File: VW004381.D
Acq: 01 Aug 2018 17:04

Instrument :
MSVOA_W
ClientSampleId :
C0AC7

Tot Ion	Ratio	Lower	Upper
43	100		
58	18.5	0.0	64.8

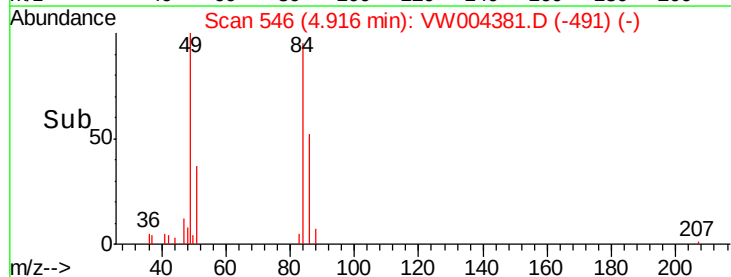
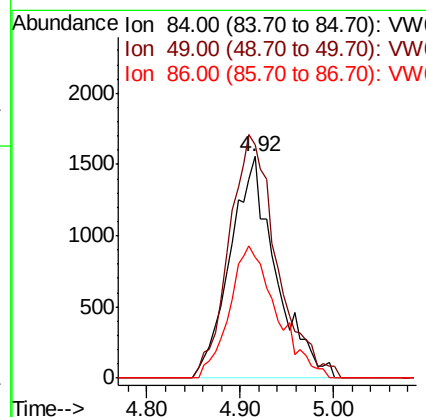
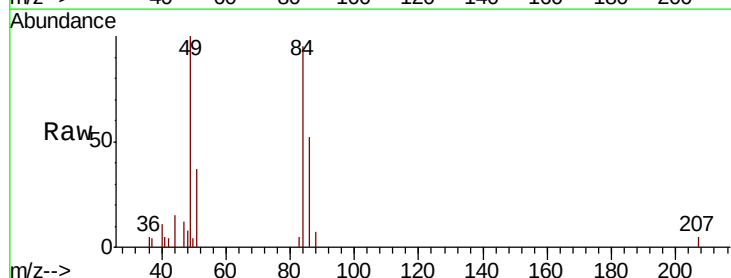
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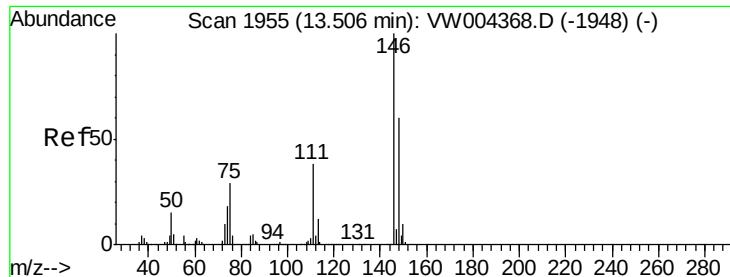
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#16
Methylene chloride
Concen: 5.31 ug/L m
RT: 4.92 min Scan# 546
Delta R.T. 0.01 min
Lab File: VW004381.D
Acq: 01 Aug 2018 17:04

Tgt Ion	Ratio	Lower	Upper
84	100		
49	105.5	79.5	147.7
86	54.3	45.8	85.2





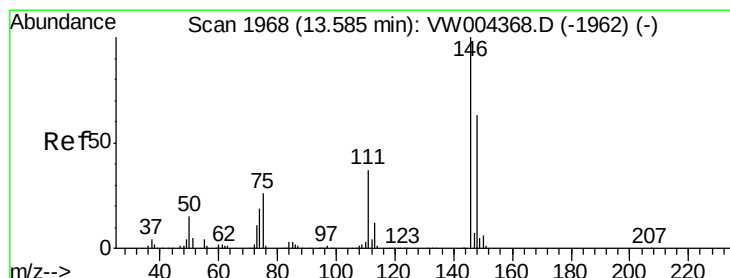
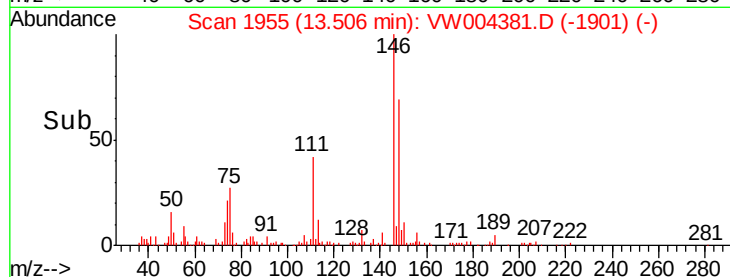
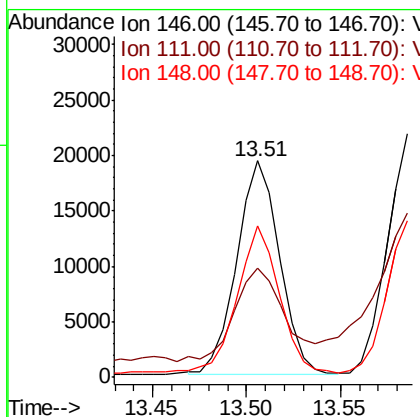
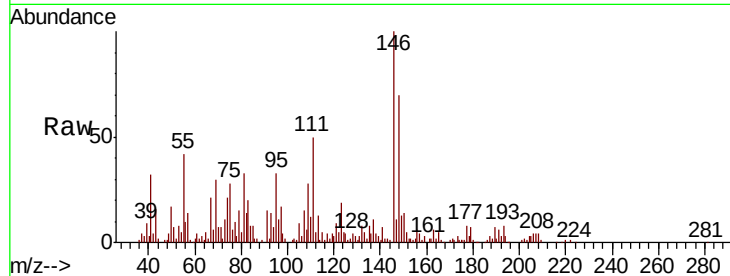
#63
 1,3-Dichlorobenzene
 Concen: 15.18 ug/L
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW004381.D
 Acq: 01 Aug 2018 17:04

Instrument :
 MSVOA_W
 ClientSampled :
 C0AC7

Tot Ion	Ratio	Lower	Upper
146	100		
111	50.5	28.6	53.2
148	70.1	47.7	88.5

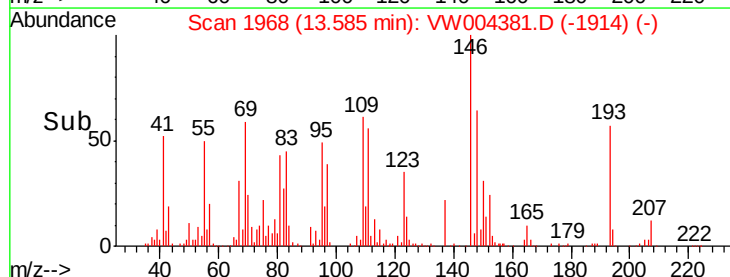
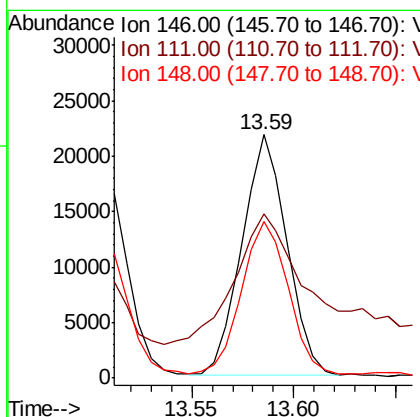
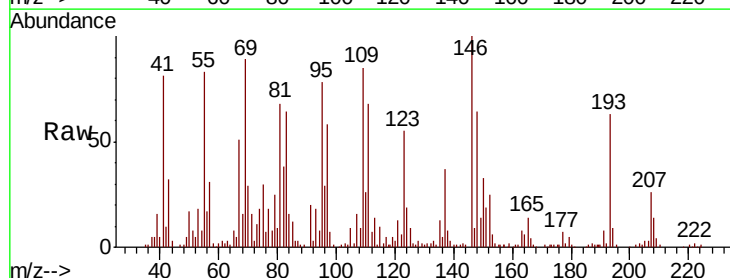
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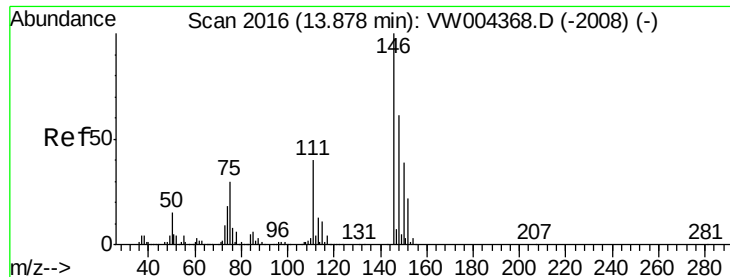
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#64
 1,4-Dichlorobenzene
 Concen: 16.10 ug/L
 RT: 13.59 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VW004381.D
 Acq: 01 Aug 2018 17:04

Tgt Ion	Ratio	Lower	Upper
146	100		
111	67.5	25.4	47.2#
148	64.3	42.8	79.6





#65

1,2-Dichlorobenzene

Concen: 36.12 ug/L

RT: 13.88 min Scan# 2016

Delta R.T. 0.00 min

Lab File: VW004381.D

Acq: 01 Aug 2018 17:04

Instrument :

MSVOA_W

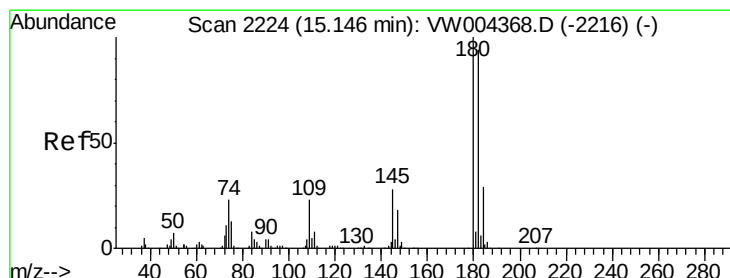
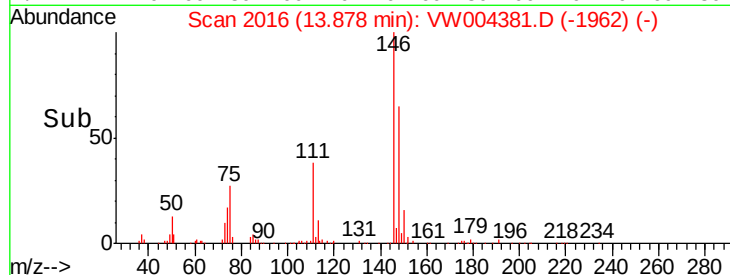
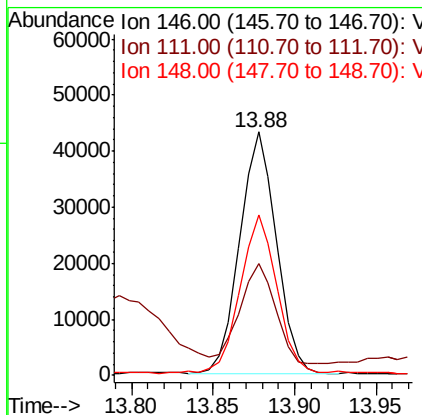
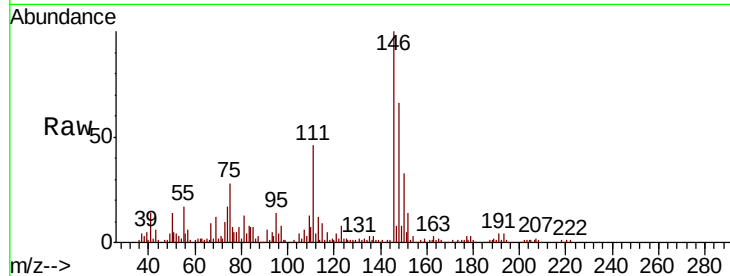
ClientSampled :

C0AC7

Tot Ion:	146	Resp:	68095
Ion Ratio	Lower	Upper	
146	100		
111	45.8	30.2	45.4#
148	65.9	51.0	76.4

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#68

1,2,4-trichlorobenzene

Concen: 8.02 ug/L

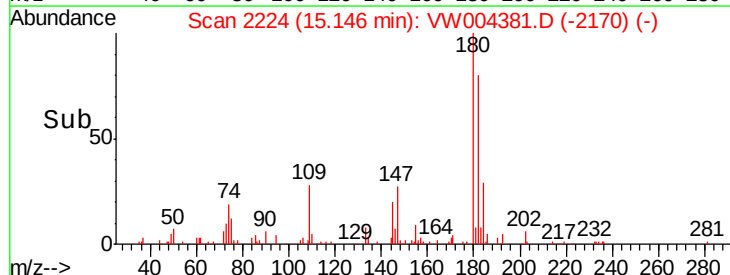
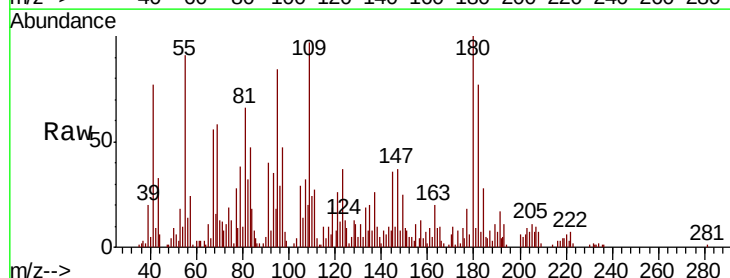
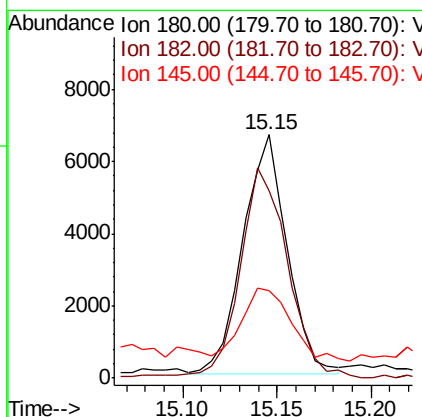
RT: 15.15 min Scan# 2224

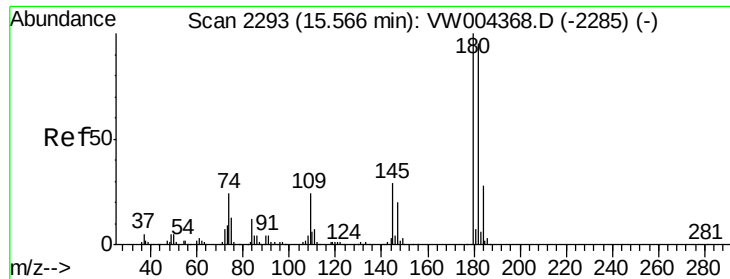
Delta R.T. 0.00 min

Lab File: VW004381.D

Acq: 01 Aug 2018 17:04

Tgt Ion:	180	Resp:	10773
Ion Ratio	Lower	Upper	
180	100		
182	94.8	75.5	113.3
145	30.1	24.2	36.2





#70
 1,2,3-Trichlorobenzene
 Concen: 3.32 ug/L
 RT: 15.57 min Scan# 2293
 Delta R.T. 0.00 min
 Lab File: VW004381.D
 Acq: 01 Aug 2018 17:04

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AC7

Tot Ion	Ratio	Lower	Upper
180	100		
182	98.8	77.0	115.4
145	50.3	25.4	38.0

Manual Integrations
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