

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV030920\
 Data File : VV014779.D
 Acq On : 09 Mar 2020 16:12
 Operator : SY/MD
 Sample : L1835-11
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0DM6

Manual Integrations
 APPROVED

MMDadoda
 3/11/2020 9:41:23 AM

Quant Time: Mar 10 16:32:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM030620WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 10 14:44:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	449426	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	430679	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	210962	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	126184	41.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.98%
7) Chloroethane-d5	1.58	69	105110	43.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.42%
11) 1,1-Dichloroethene-d2	2.12	63	163326	32.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.64%
21) 2-Butanone-d5	3.94	46	198933	87.70	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.70%
24) Chloroform-d	4.38	84	261721	45.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.88%
26) 1,2-Dichloroethane-d4	5.06	65	178507	45.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.26%
32) Benzene-d6	5.08	84	541769	47.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.28%
36) 1,2-Dichloropropane-d6	6.10	67	172397	45.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.48%
41) Toluene-d8	7.34	98	513974	46.15	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.30%
43) trans-1,3-Dichloropropene-	7.64	79	81445	44.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.52%
47) 2-Hexanone-d5	8.12	63	160233	95.75	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.75%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	234693	45.27	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.54%
64) 1,2-Dichlorobenzene-d4	11.65	152	206535	49.39	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.78%

Target Compounds

				Ovalue
13) Acetone	2.23	43	8140m	4.298 ug/L
25) Chloroform	4.41	83	5938	0.973 ug/L # 70
63) 1,4-Dichlorobenzene	11.29	146	8202	1.193 ug/L 99
65) 1,2-Dichlorobenzene	11.66	146	7240	1.066 ug/L # 93

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

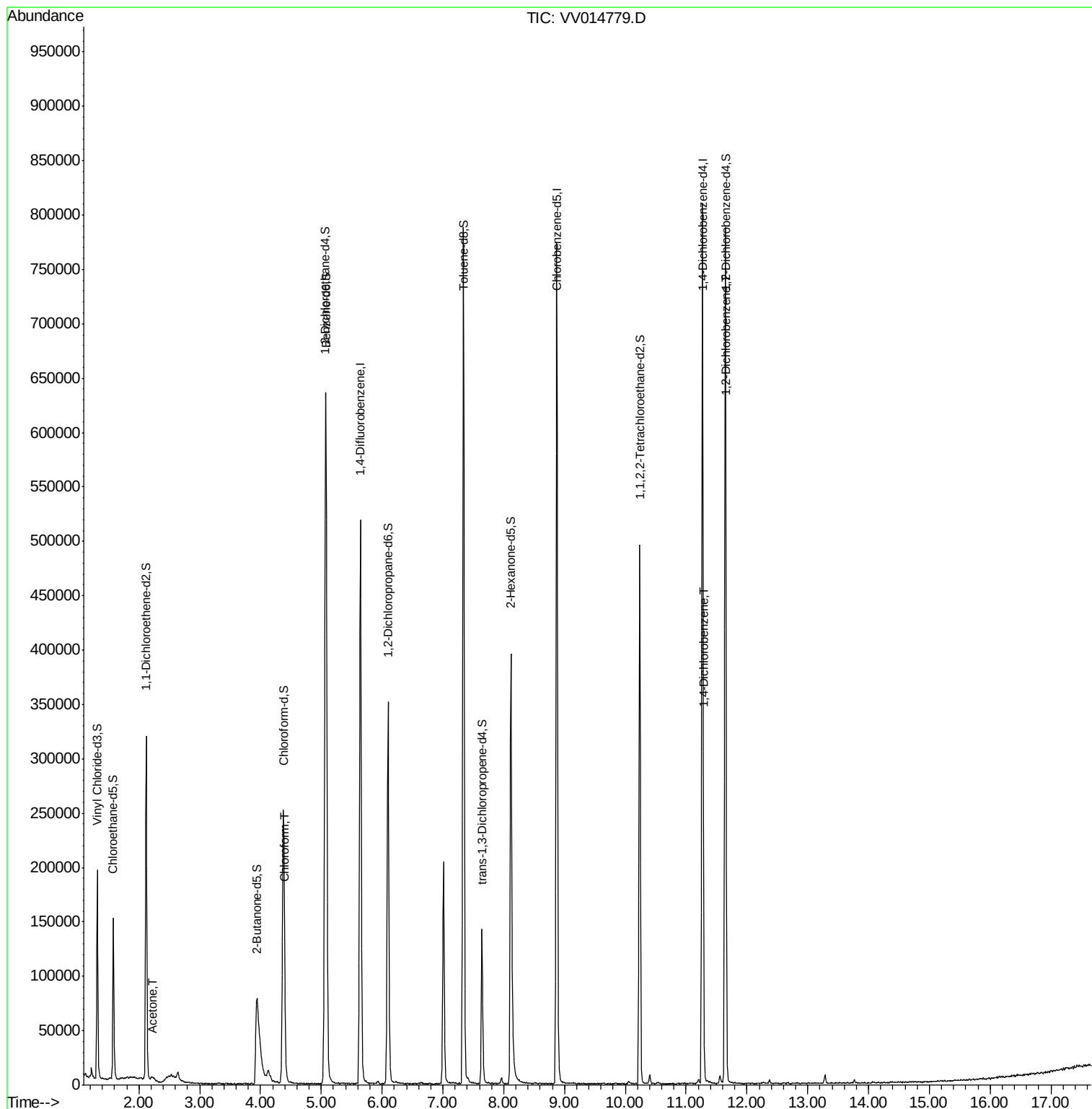
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV030920\
Data File : VV014779.D
Acq On : 09 Mar 2020 16:12
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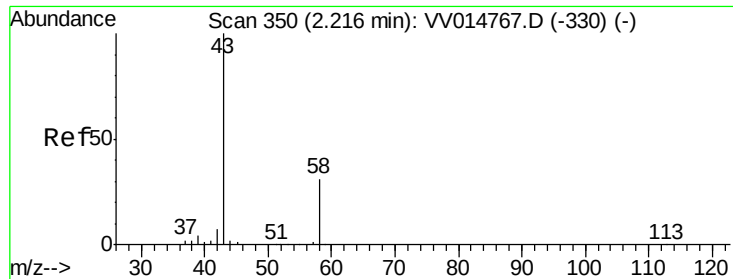
Instrument :
MSVOA_V
ClientSampleId :
C0DM6

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Quant Time: Mar 10 16:32:20 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM030620WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Mar 10 14:44:37 2020
Response via : Initial Calibration





#13

Acetone

Concen: 4.298 ug/L m

RT: 2.23 min Scan# 354

Delta R.T. 0.01 min

Lab File: VV014779.D

Acq: 09 Mar 2020 16:12

Instrument :

MSVOA_V

ClientSampleId :

C0DM6

Tot Ion: 43 Resp: 8140

Ion Ratio Lower Upper

43 100

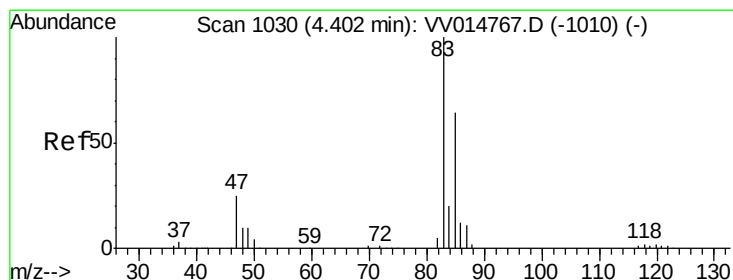
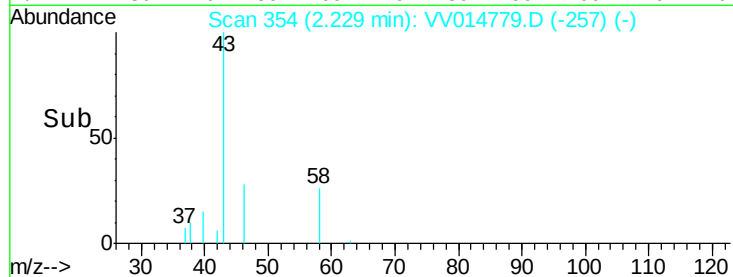
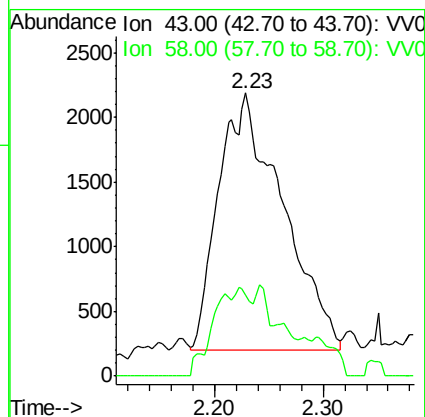
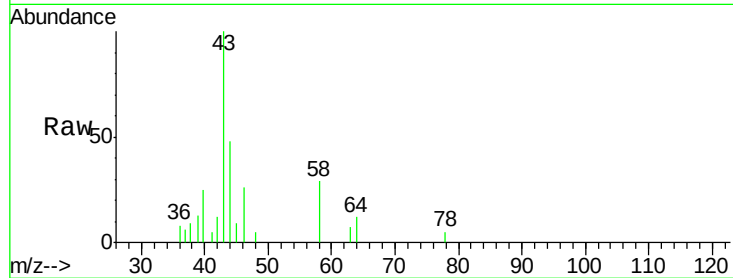
58 6.6 0.0 62.2

Manual Integrations

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3/11/2020 9:41:23 AM



#25

Chloroform

Concen: 0.973 ug/L

RT: 4.41 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VV014779.D

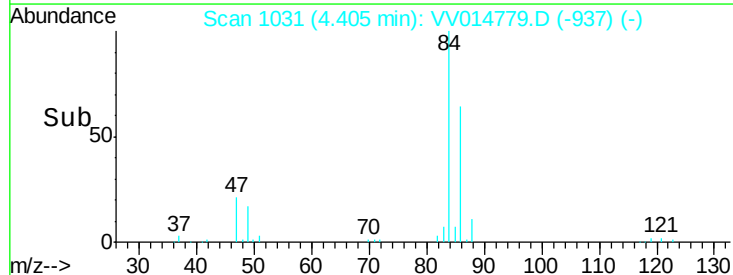
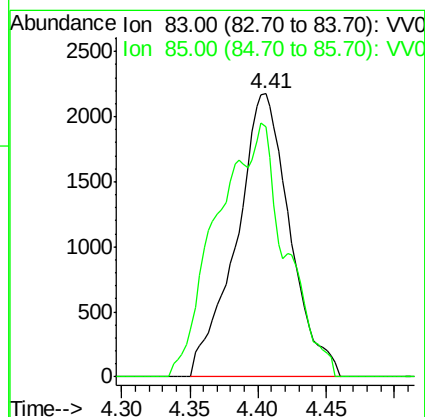
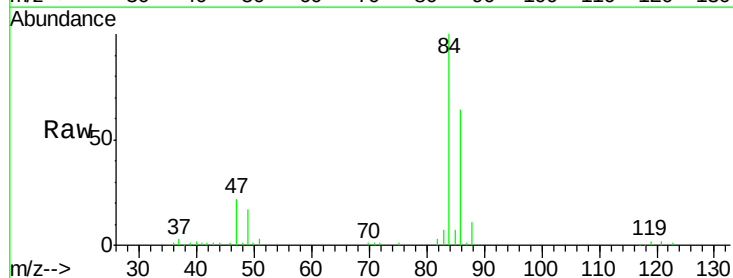
Acq: 09 Mar 2020 16:12

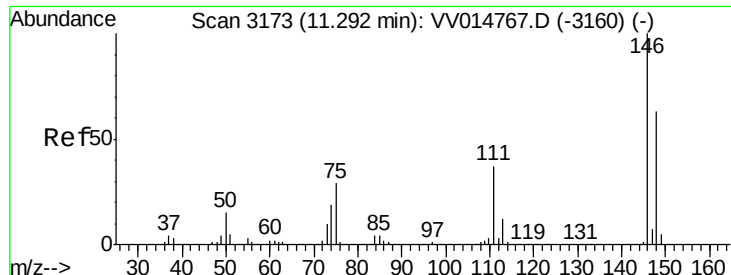
Tgt Ion: 83 Resp: 5938

Ion Ratio Lower Upper

83 100

85 88.4 45.1 83.9#





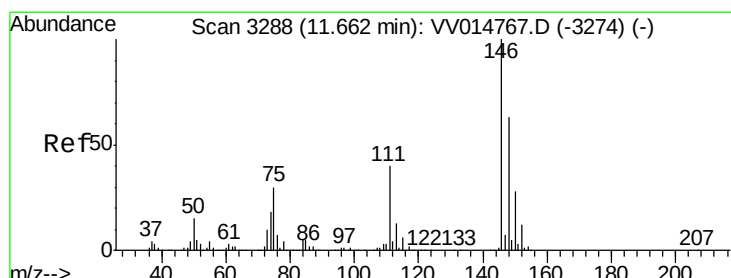
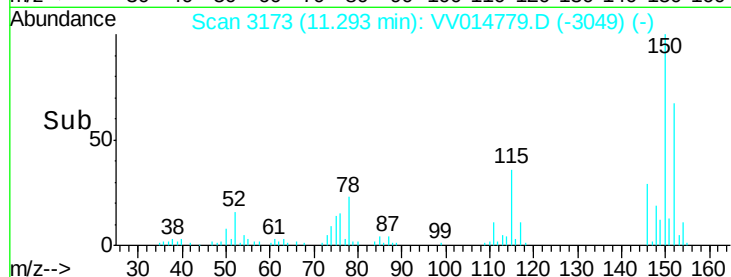
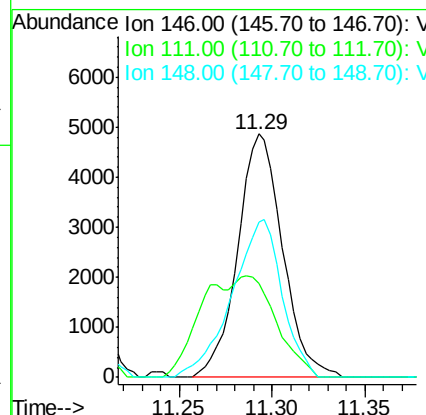
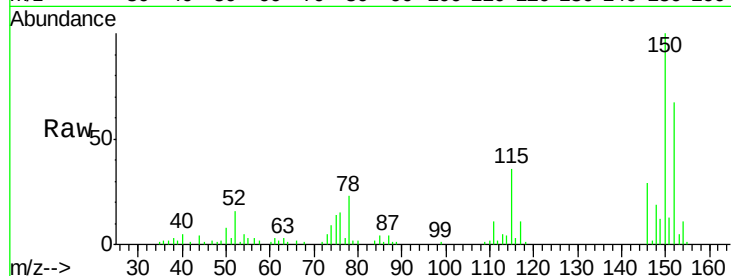
#63
 1,4-Dichlorobenzene
 Concen: 1.193 ug/L
 RT: 11.29 min Scan# 3173
 Delta R.T. 0.00 min
 Lab File: VV014779.D
 Acq: 09 Mar 2020 16:12

Instrument :
 MSVOA_V
 ClientSampled :
 C0DM6

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.5	26.3	48.9
148	63.9	44.0	81.8

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#65
 1,2-Dichlorobenzene
 Concen: 1.066 ug/L
 RT: 11.66 min Scan# 3288
 Delta R.T. 0.00 min
 Lab File: VV014779.D
 Acq: 09 Mar 2020 16:12

Tgt Ion	Ratio	Lower	Upper
146	100		
111	52.9	33.9	50.9#
148	64.7	51.4	77.0

