

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV030920\
 Data File : VV014784.D
 Acq On : 09 Mar 2020 18:13
 Operator : SY/MD
 Sample : L1835-08
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0DJ1

Manual Integrations
 APPROVED

MMDadoda
 3/11/2020 9:41:39 AM

Quant Time: Mar 10 16:58:50 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	421092	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	412045	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	203323	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	116525	40.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.78%
7) Chloroethane-d5	1.58	69	98584	43.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.52%
11) 1,1-Dichloroethene-d2	2.12	63	154252	32.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.16%
21) 2-Butanone-d5	3.94	46	197849m	93.09	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.09%
24) Chloroform-d	4.38	84	257483	47.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.44%
26) 1,2-Dichloroethane-d4	5.06	65	169562	46.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.52%
32) Benzene-d6	5.08	84	518284	47.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.28%
36) 1,2-Dichloropropane-d6	6.10	67	162920	45.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.36%
41) Toluene-d8	7.34	98	491389	46.12	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.24%
43) trans-1,3-Dichloropropene-	7.64	79	70342	39.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.90%
47) 2-Hexanone-d5	8.12	63	159302	99.50	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.50%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	225208	45.40	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.80%
64) 1,2-Dichlorobenzene-d4	11.65	152	197694	49.06	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.12%

Target Compounds					Ovalue
51) Chlorobenzene	8.90	112	7312	0.863 ug/L	94
63) 1,4-Dichlorobenzene	11.29	146	10989	1.659 ug/L	95
65) 1,2-Dichlorobenzene	11.67	146	8784	1.342 ug/L	92
68) 1,2,4-trichlorobenzene	13.29	180	3430	0.734 ug/L	93

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

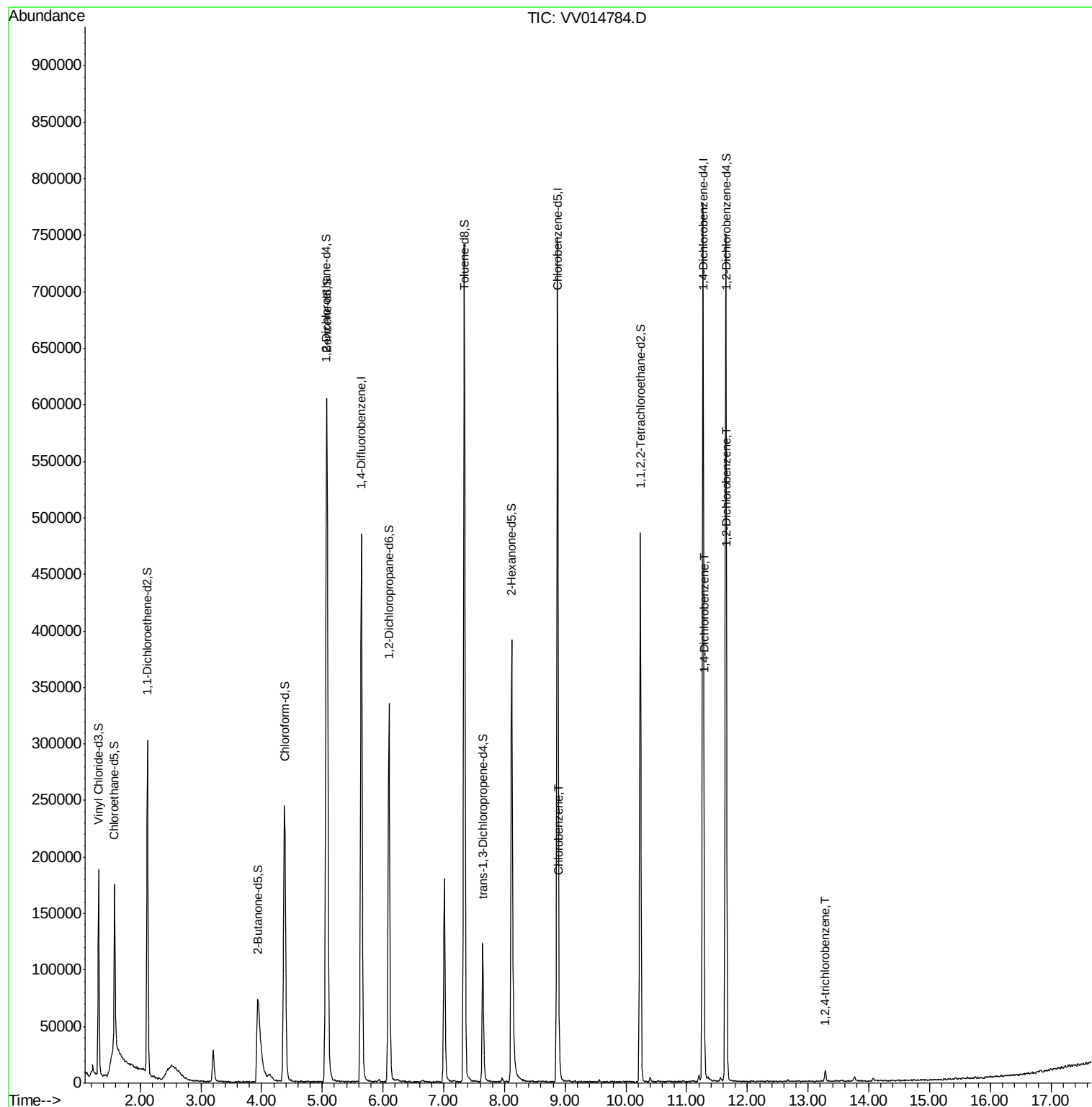
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV030920\
Data File : VV014784.D
Acq On : 09 Mar 2020 18:13
Operator : SY/MD
Sample : L1835-08
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 20 Sample Multiplier: 1

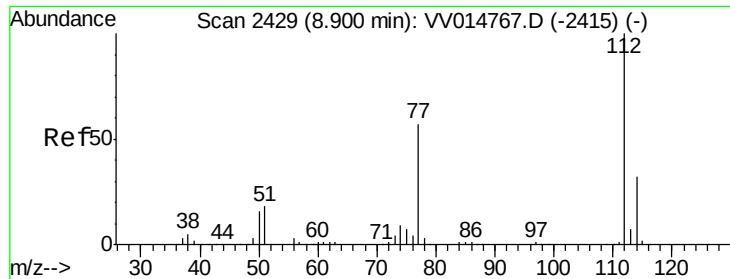
Instrument :
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ClientSampleId :
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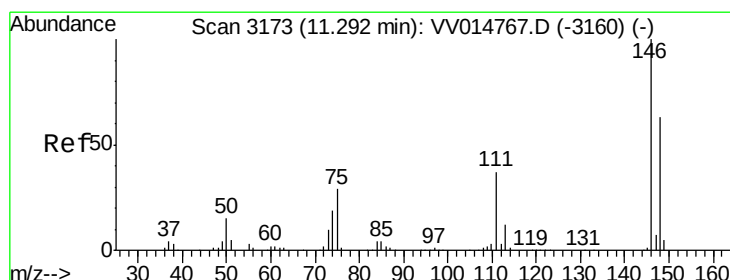
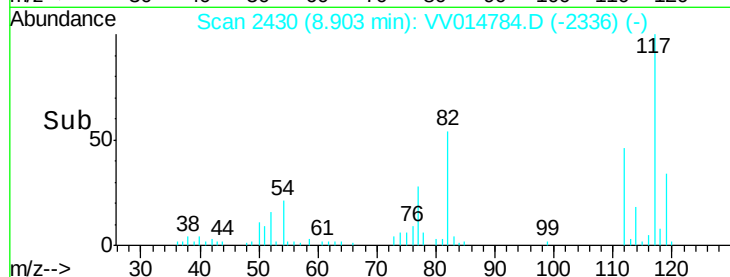
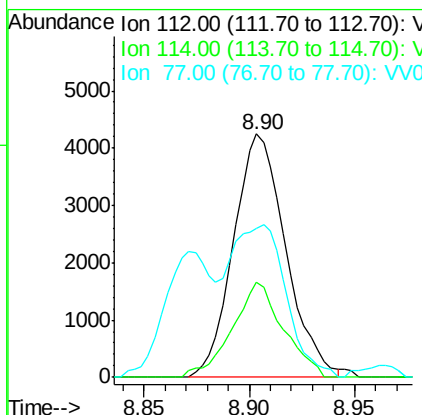
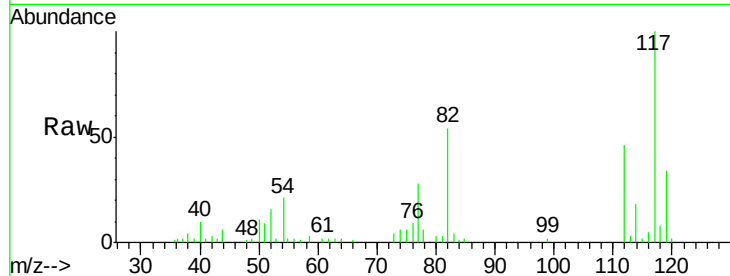
#51
Chlorobenzene
Concen: 0.863 ug/L
RT: 8.90 min Scan# 2430
Delta R.T. 0.00 min
Lab File: VV014784.D
Acq: 09 Mar 2020 18:13

Instrument :
MSVOA_V
ClientSampled :
C0DJ1

Tot Ion	Ratio	Lower	Upper
112	100		
114	39.1	22.1	41.1
77	61.4	47.8	71.8

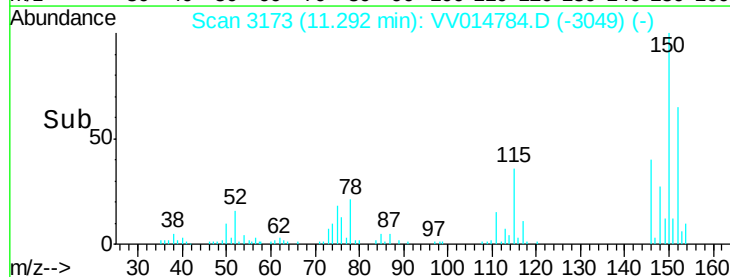
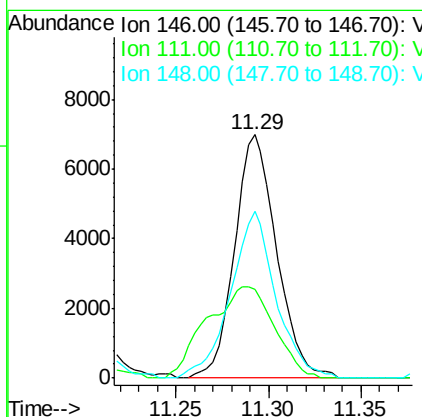
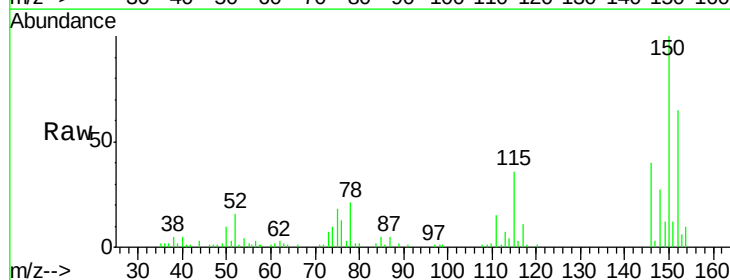
Manual Integrations
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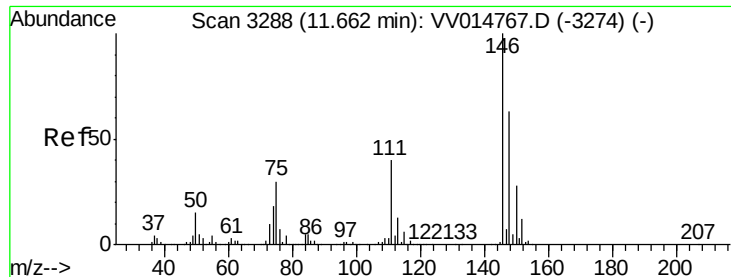
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3/11/2020 9:41:39 AM



#63
1,4-Dichlorobenzene
Concen: 1.659 ug/L
RT: 11.29 min Scan# 3173
Delta R.T. 0.00 min
Lab File: VV014784.D
Acq: 09 Mar 2020 18:13

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.5	26.3	48.9
148	68.3	44.0	81.8





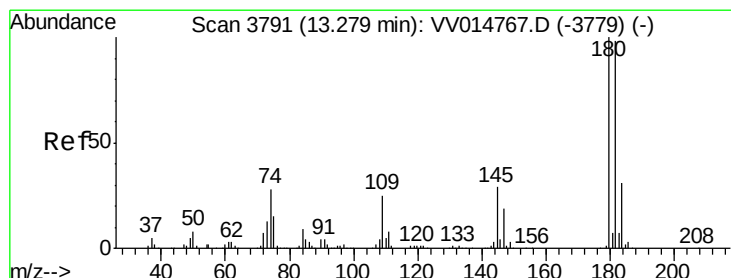
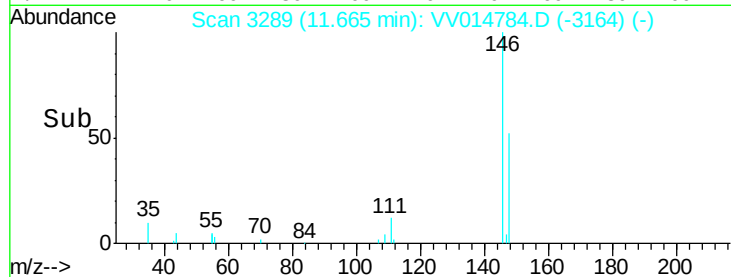
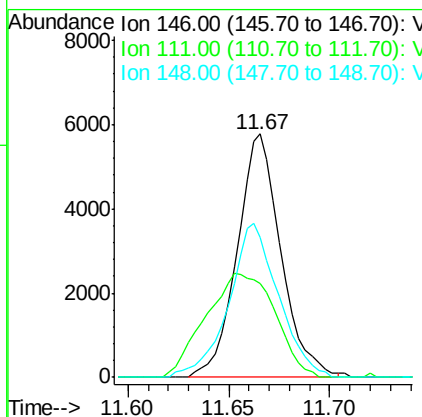
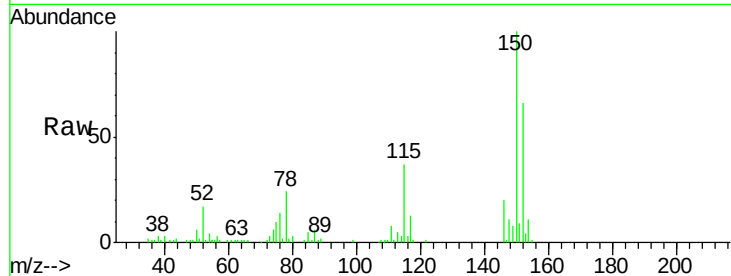
#65
 1,2-Dichlorobenzene
 Concen: 1.342 ug/L
 RT: 11.67 min Scan# 3289
 Delta R.T. 0.00 min
 Lab File: VV014784.D
 Acq: 09 Mar 2020 18:13

Instrument :
 MSVOA_V
 ClientSampled :
 C0DJ1

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.7	33.9	50.9
148	57.3	51.4	77.0

Manual Integrations
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#68
 1,2,4-trichlorobenzene
 Concen: 0.734 ug/L
 RT: 13.29 min Scan# 3793
 Delta R.T. 0.01 min
 Lab File: VV014784.D
 Acq: 09 Mar 2020 18:13

Tgt Ion	Ratio	Lower	Upper
180	100		
182	90.0	76.6	114.8
145	35.0	23.4	35.0

