

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032519\
 Data File : VV009865.D
 Acq On : 25 Mar 2019 17:08
 Operator : SY/MD
 Sample : K2016-15 20X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C09D5

Manual Integrations
 APPROVED

MMDadoda
 3/26/2019 11:05:47 AM

Quant Time: Mar 26 07:34:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 26 07:13:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	174528	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	174824	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	74251	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	83748	47.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.00%
7) Chloroethane-d5	1.56	69	95042	47.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.80%
11) 1,1-Dichloroethene-d2	2.13	63	182685	34.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.56%
21) 2-Butanone-d5	3.93	46	75317	94.69	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.69%
24) Chloroform-d	4.40	84	111292	44.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.82%
26) 1,2-Dichloroethane-d4	5.08	65	76604	46.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.50%
32) Benzene-d6	5.10	84	235464	49.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.24%
36) 1,2-Dichloropropane-d6	6.12	67	73797	50.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.82%
41) Toluene-d8	7.36	98	209611	45.11	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.22%
43) trans-1,3-Dichloropropene-	7.66	79	27321	40.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.72%
47) 2-Hexanone-d5	8.14	63	55553	92.58	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.58%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	98921	41.64	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.28%
64) 1,2-Dichlorobenzene-d4	11.68	152	81011	47.09	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.18%

Target Compounds

					Ovalue
33) Benzene	5.15	78	11218m	2.198	ug/L
51) Chlorobenzene	8.93	112	30795	7.964	ug/L
62) 1,3-Dichlorobenzene	11.23	146	20313	7.986	ug/L
63) 1,4-Dichlorobenzene	11.32	146	324400	121.649	ug/L
65) 1,2-Dichlorobenzene	11.69	146	94314	35.100	ug/L
68) 1,2,4-trichlorobenzene	13.31	180	10139	7.333	ug/L
70) 1,2,3-Trichlorobenzene	13.80	180	2054	1.469	ug/L

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

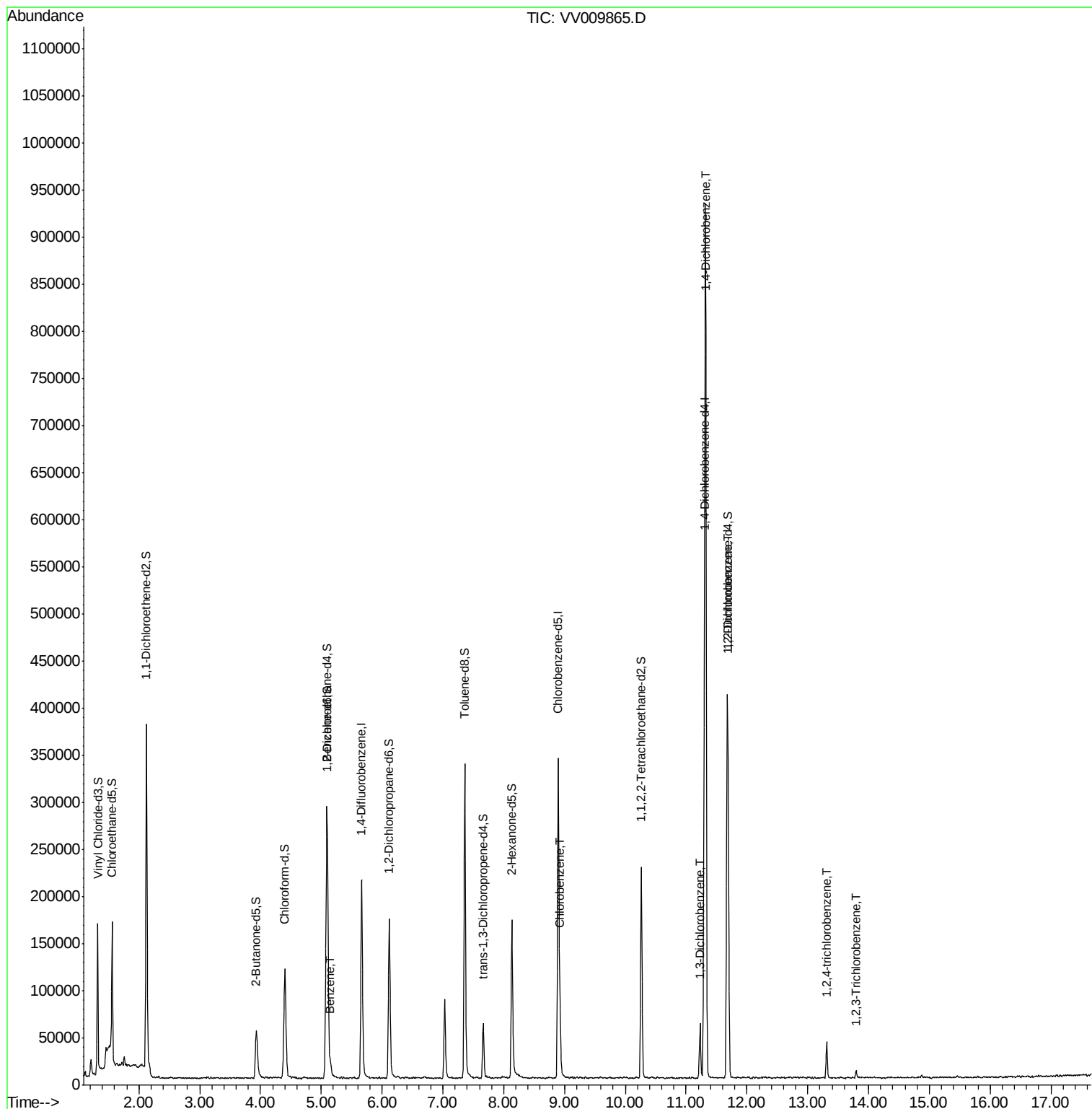
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV032519\
Data File : VV009865.D
Acq On : 25 Mar 2019 17:08
Operator : SY/MD
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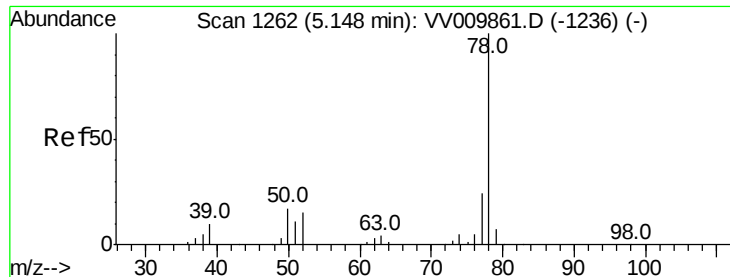
Instrument :
MSVOA_V
ClientSampleId :
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Quant Time: Mar 26 07:34:05 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032519WMA.M
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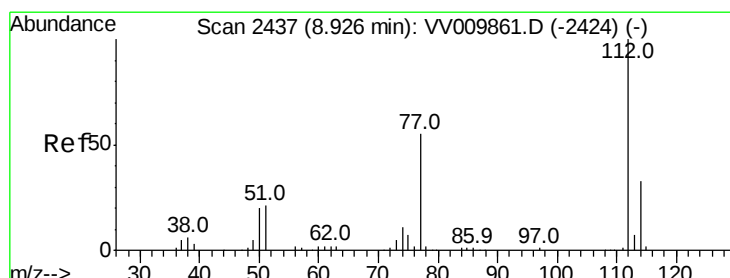
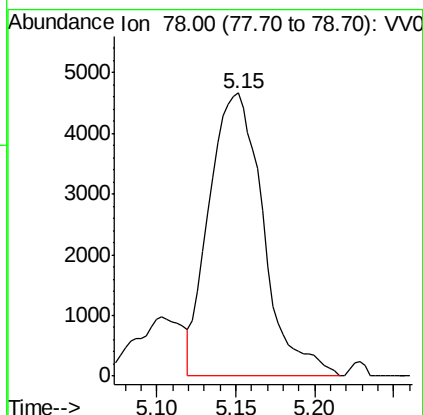
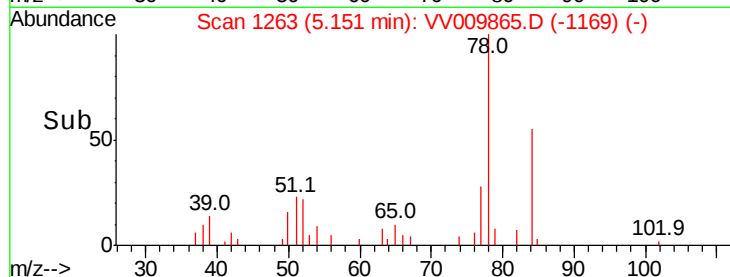
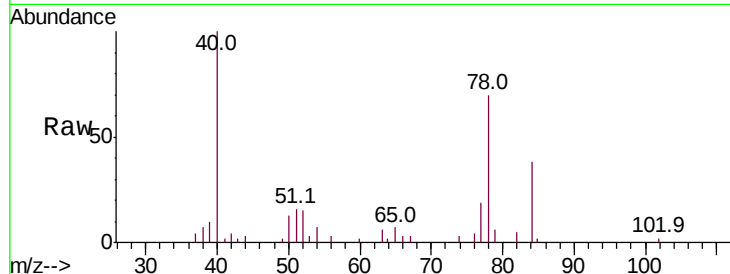
#33
Benzene
Concen: 2.198 ug/L m
RT: 5.15 min Scan# 1263
Delta R.T. 0.00 min
Lab File: VV009865.D
Acq: 25 Mar 2019 17:08

Instrument :
MSVOA_V
ClientSampled :
C09D5

Tgt Ion: 78 Resp: 11218

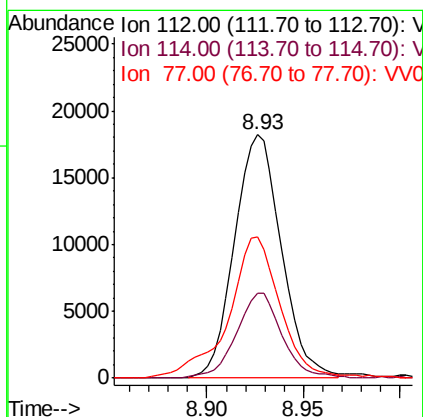
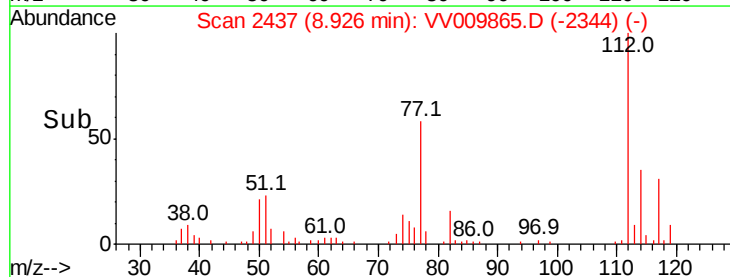
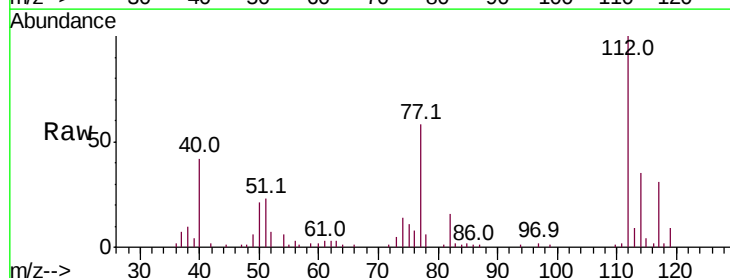
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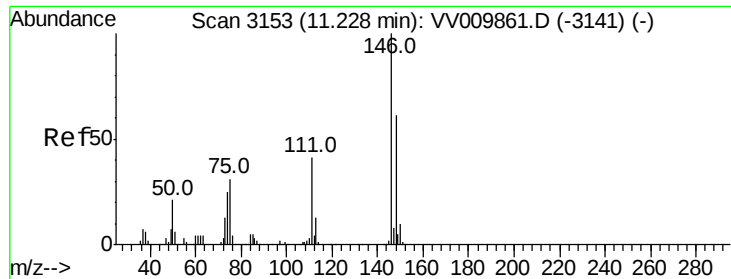
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#51
Chlorobenzene
Concen: 7.964 ug/L
RT: 8.93 min Scan# 2437
Delta R.T. 0.00 min
Lab File: VV009865.D
Acq: 25 Mar 2019 17:08

Tgt Ion: 112 Resp: 30795
Ion Ratio Lower Upper
112 100
114 35.1 23.3 43.3
77 57.8 45.8 68.6





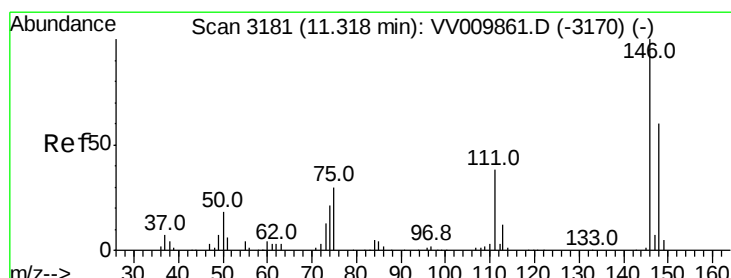
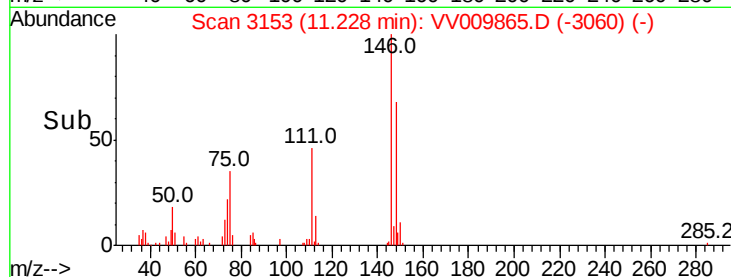
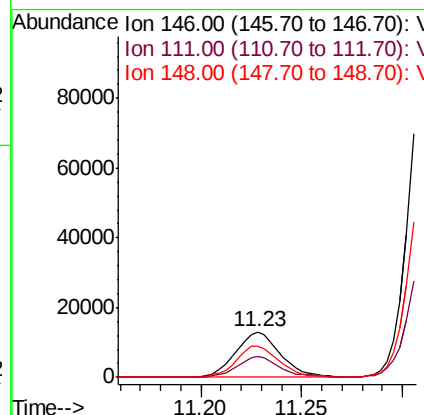
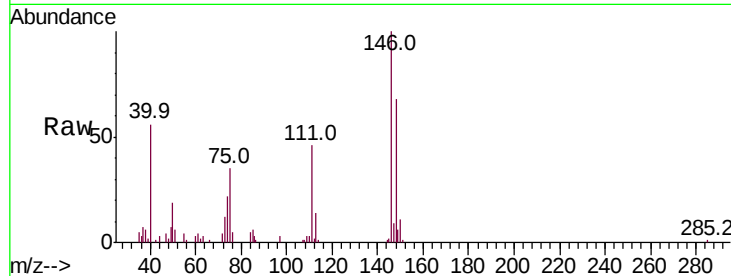
#62
 1,3-Dichlorobenzene
 Concen: 7.986 ug/L
 RT: 11.23 min Scan# 3153
 Delta R.T. 0.00 min
 Lab File: VV009865.D
 Acq: 25 Mar 2019 17:08

Instrument :
 MSVOA_V
 ClientSampleId :
 C09D5

Tot Ion	Ratio	Lower	Upper
146	100		
111	46.2	27.5	51.1
148	68.2	43.0	80.0

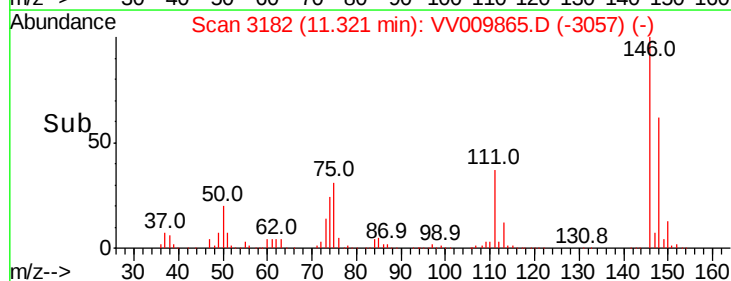
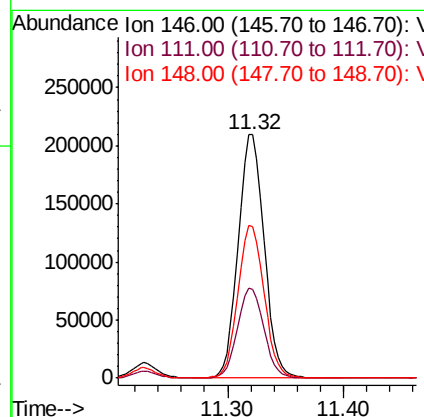
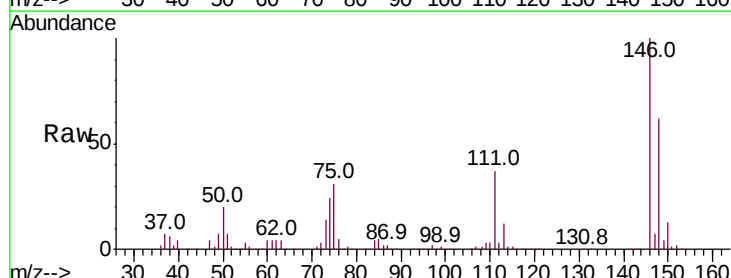
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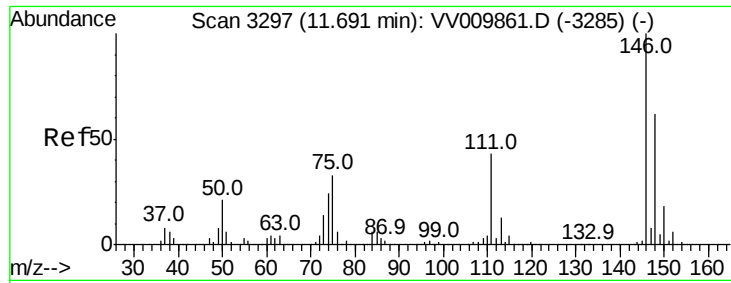
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#63
 1,4-Dichlorobenzene
 Concen: 121.649 ug/L
 RT: 11.32 min Scan# 3182
 Delta R.T. 0.00 min
 Lab File: VV009865.D
 Acq: 25 Mar 2019 17:08

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.6	26.5	49.3
148	62.3	43.2	80.2





#65

1,2-Dichlorobenzene

Concen: 35.100 ug/L

RT: 11.69 min Scan# 3297

Delta R.T. 0.00 min

Lab File: VV009865.D

Acq: 25 Mar 2019 17:08

Instrument :

MSVOA_V

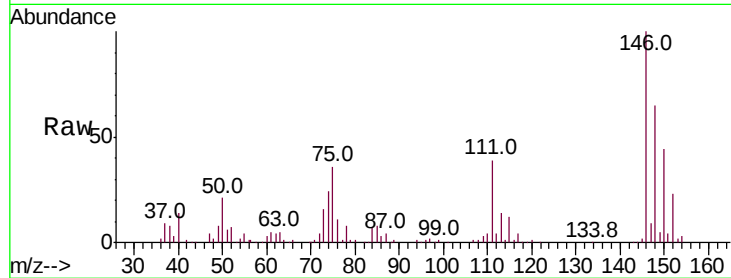
ClientSampled :

C09D5

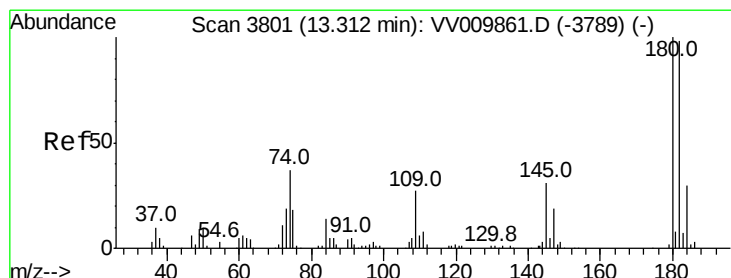
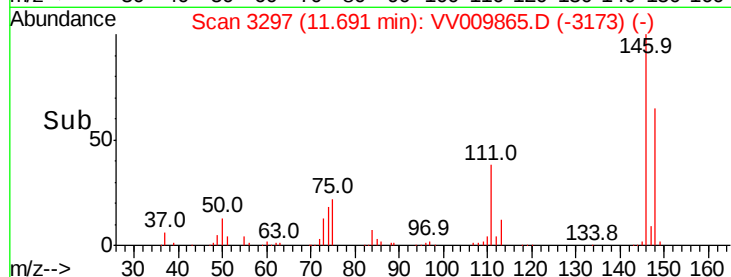
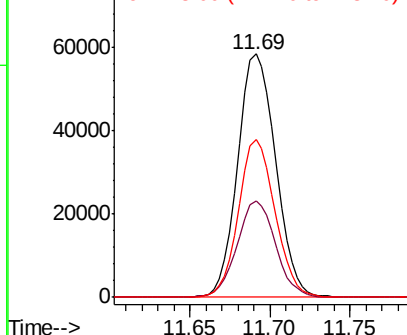
Tot Ion:	146	Resp:	94314
Ion Ratio	Lower	Upper	
146	100		
111	39.4	33.0	49.6
148	64.8	53.2	79.8

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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: 7.333 ug/L

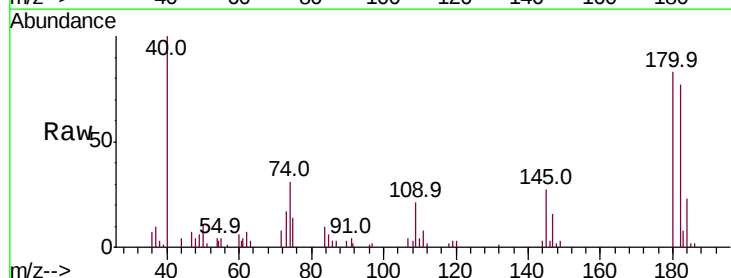
RT: 13.31 min Scan# 3801

Delta R.T. 0.00 min

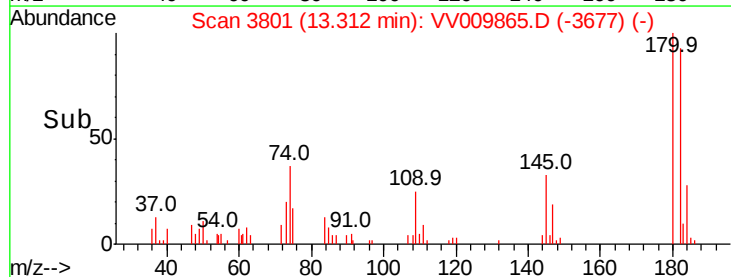
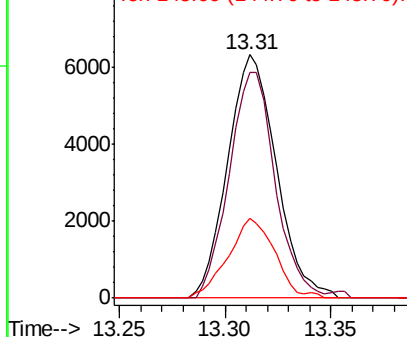
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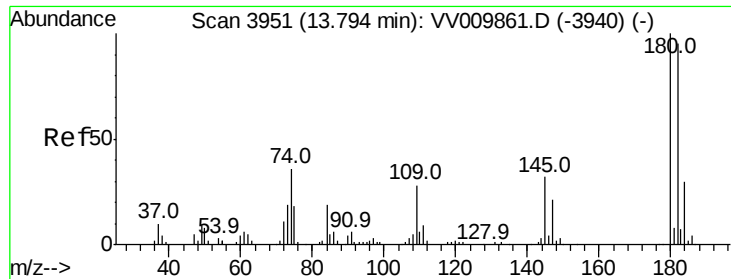
Acq: 25 Mar 2019 17:08

Tgt Ion:	180	Resp:	10139
Ion Ratio	Lower	Upper	
180	100		
182	87.7	77.1	115.7
145	31.0	24.3	36.5



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: 1.469 ug/L
 RT: 13.80 min Scan# 3953
 Delta R.T. 0.01 min
 Lab File: VV009865.D
 Acq: 25 Mar 2019 17:08

Instrument :
 MSVOA_V
 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
180	100		
182	104.2	75.6	113.4
145	34.7	24.8	37.2

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