

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031720\
 Data File : VV014968.D
 Acq On : 17 Mar 2020 12:58
 Operator : SY/MD
 Sample : L1890-12DL 20X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleID :
 C0DD2DL

Manual Integrations
 APPROVED

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 3/18/2020 3:01:42 PM

Quant Time: Mar 18 05:40:44 2020

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031620WMA.M

Quant Title : VOC Analysis

QLast Update : Wed Mar 18 05:21:28 2020

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	339691	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	329930	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	166542	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	85481	37.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.54%
7) Chloroethane-d5	1.58	69	70830	42.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.28%
11) 1,1-Dichloroethene-d2	2.12	63	112544	32.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.82%
21) 2-Butanone-d5	3.93	46	110701m	80.23	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	80.23%
24) Chloroform-d	4.38	84	212271	45.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.04%
26) 1,2-Dichloroethane-d4	5.06	65	142084	47.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.12%
32) Benzene-d6	5.08	84	426850	46.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.92%
36) 1,2-Dichloropropane-d6	6.09	67	128651	47.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.06%
41) Toluene-d8	7.34	98	413042	45.95	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.90%
43) trans-1,3-Dichloropropene-	7.64	79	63325	44.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.02%
47) 2-Hexanone-d5	8.12	63	111878	91.57	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.57%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	182413	46.04	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.08%
64) 1,2-Dichlorobenzene-d4	11.65	152	180931	49.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.18%

Target Compounds

					Ovalue
33) Benzene	5.13	78	195255	21.749	ug/L 100
51) Chlorobenzene	8.90	112	832934	119.732	ug/L 98
62) 1,3-Dichlorobenzene	11.20	146	40595	7.397	ug/L 98
63) 1,4-Dichlorobenzene	11.29	146	251656	45.520	ug/L 96
65) 1,2-Dichlorobenzene	11.67	146	249097	45.437	ug/L 100
68) 1,2,4-trichlorobenzene	13.28	180	126692	33.034	ug/L 97
70) 1,2,3-Trichlorobenzene	13.76	180	33662	8.867	ug/L 99

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

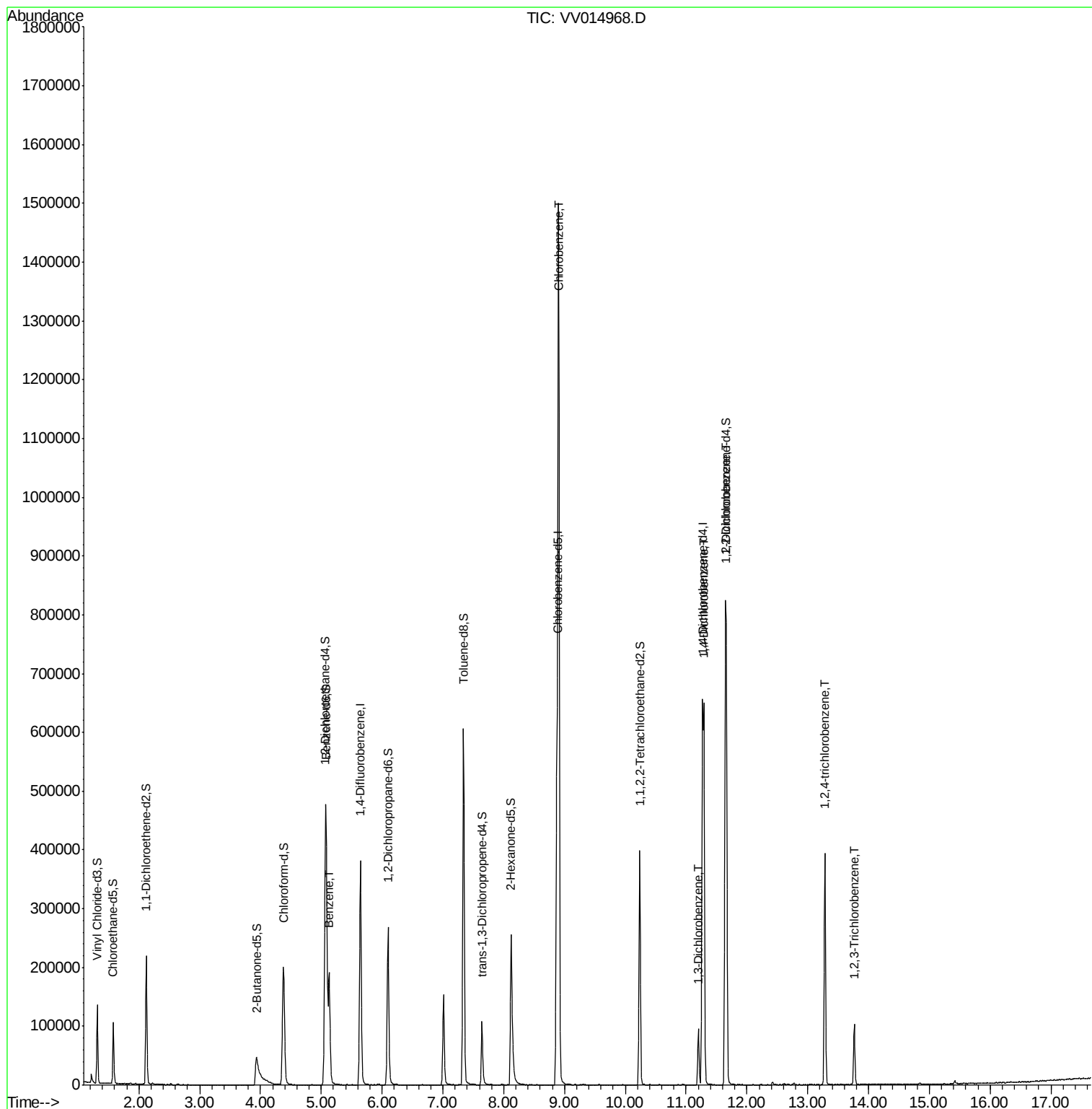
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV031720\
Data File : VV014968.D
Acq On : 17 Mar 2020 12:58
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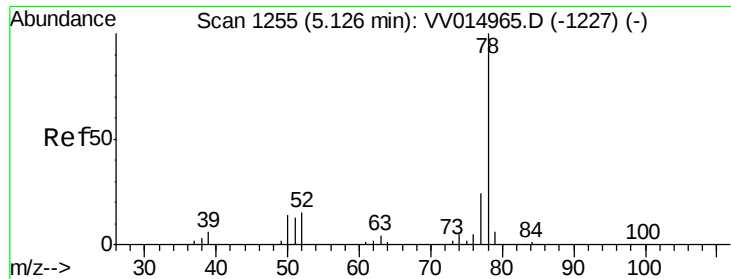
Instrument :
MSVOA_V
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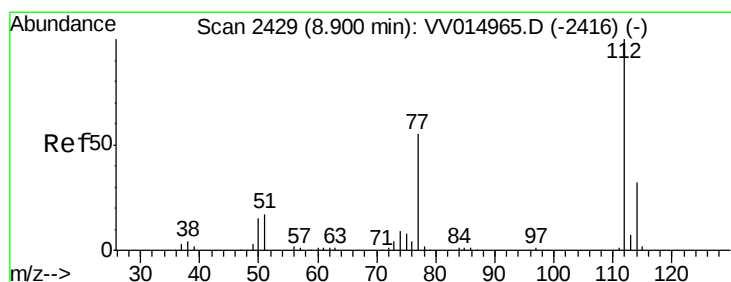
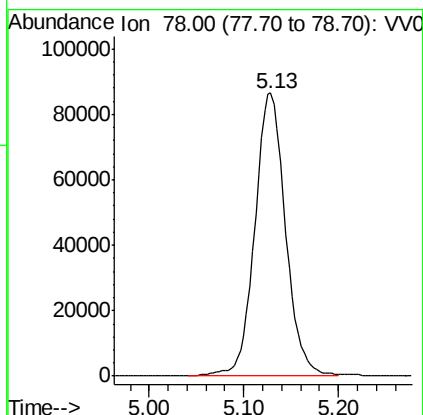
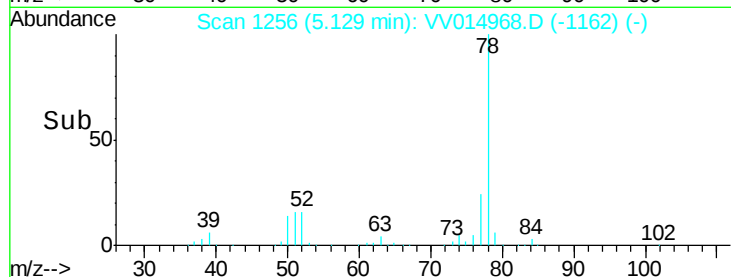
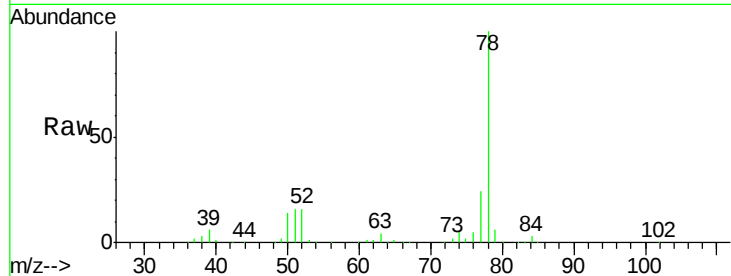
#33
Benzene
Concen: 21.749 ug/L
RT: 5.13 min Scan# 1256
Delta R.T. 0.00 min
Lab File: VV014968.D
Acq: 17 Mar 2020 12:58

Instrument :
MSVOA_V
ClientSampleId :
C0DD2DL

Tgt Ion: 78 Resp: 195255

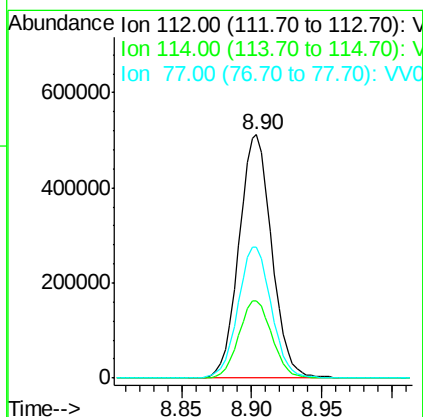
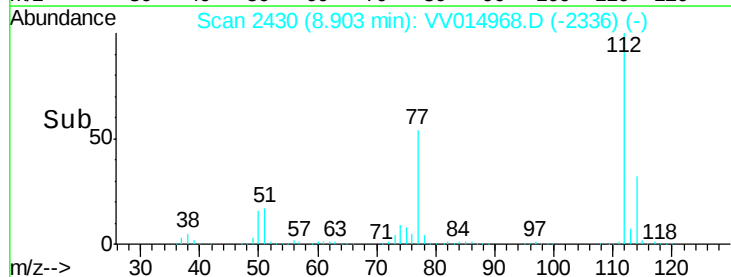
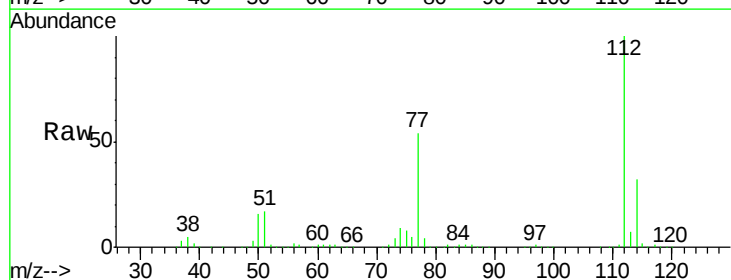
Manual Integrations
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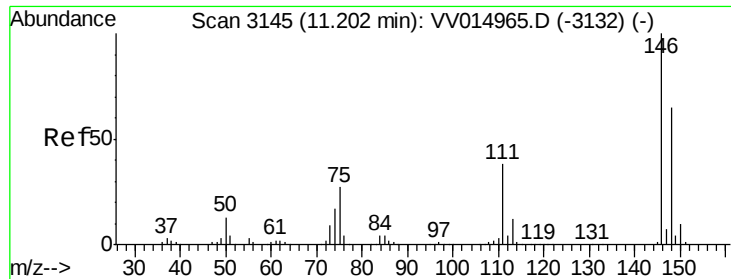
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#51
Chlorobenzene
Concen: 119.732 ug/L
RT: 8.90 min Scan# 2430
Delta R.T. 0.00 min
Lab File: VV014968.D
Acq: 17 Mar 2020 12:58

Tgt Ion: 112 Resp: 832934
Ion Ratio Lower Upper
112 100
114 31.9 22.8 42.4
77 53.9 44.5 66.7





#62

1,3-Dichlorobenzene

Concen: 7.397 ug/L

RT: 11.20 min Scan# 3145

Delta R.T. -0.00 min

Lab File: VV014968.D

Acq: 17 Mar 2020 12:58

Instrument :

MSVOA_V

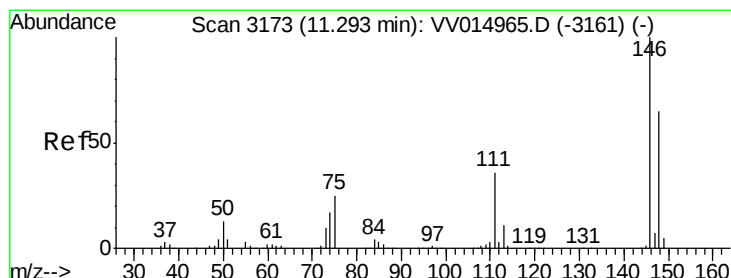
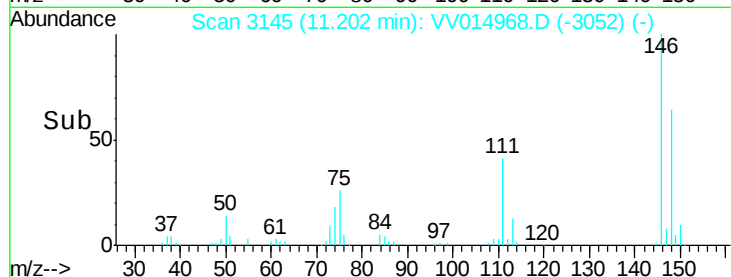
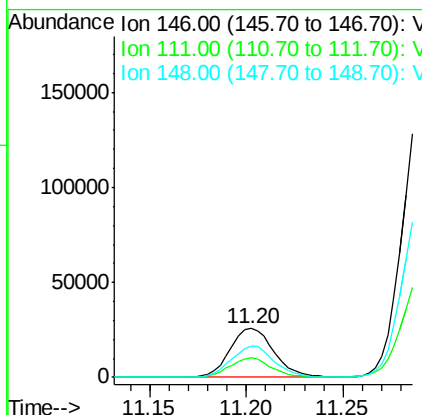
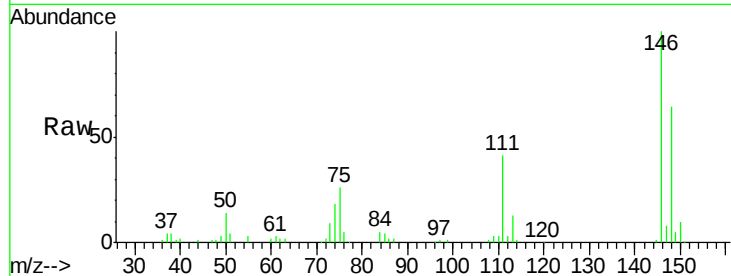
ClientSampleId :

C0DD2DL

Tot Ion:	146	Resp:	40595
Ion Ratio	Lower	Upper	
146	100		
111	41.0	26.5	49.3
148	64.5	45.4	84.2

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#63

1,4-Dichlorobenzene

Concen: 45.520 ug/L

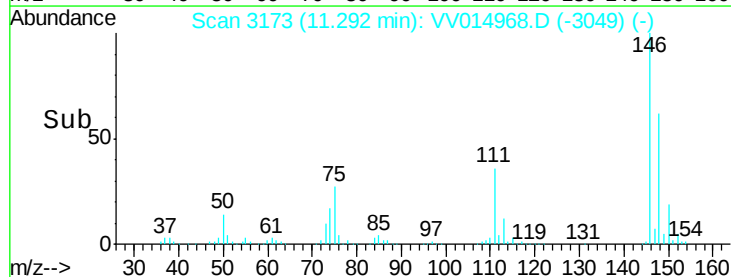
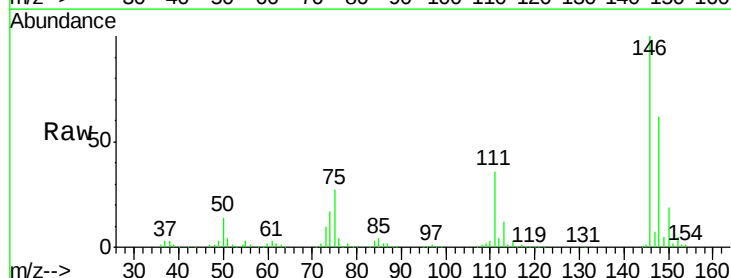
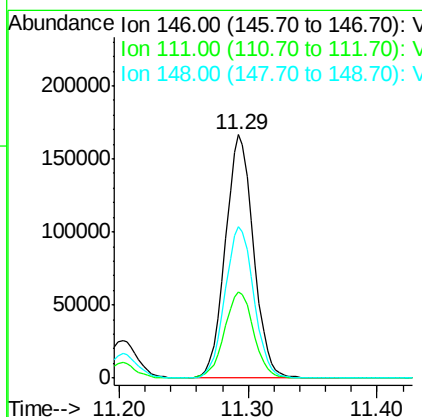
RT: 11.29 min Scan# 3173

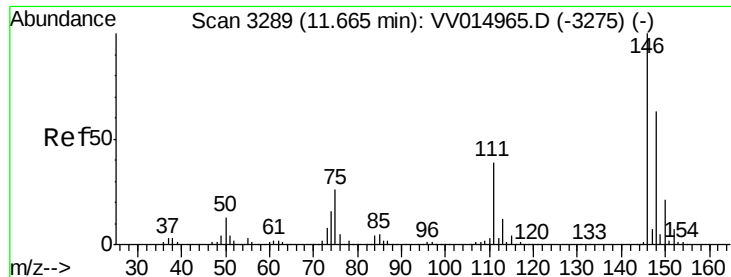
Delta R.T. -0.00 min

Lab File: VV014968.D

Acq: 17 Mar 2020 12:58

Tgt Ion:	146	Resp:	251656
Ion Ratio	Lower	Upper	
146	100		
111	35.6	26.0	48.2
148	62.4	46.1	85.5





#65

1,2-Dichlorobenzene

Concen: 45.437 ug/L

RT: 11.67 min Scan# 3289

Delta R.T. -0.00 min

Lab File: VV014968.D

Acq: 17 Mar 2020 12:58

Instrument :

MSVOA_V

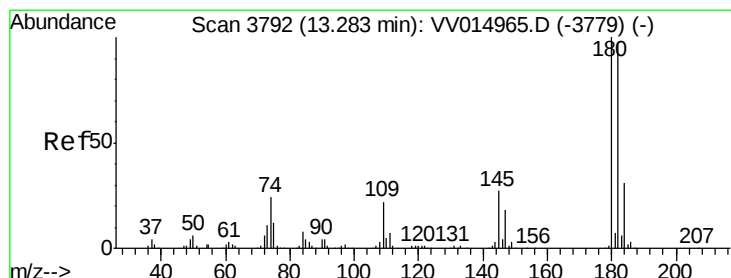
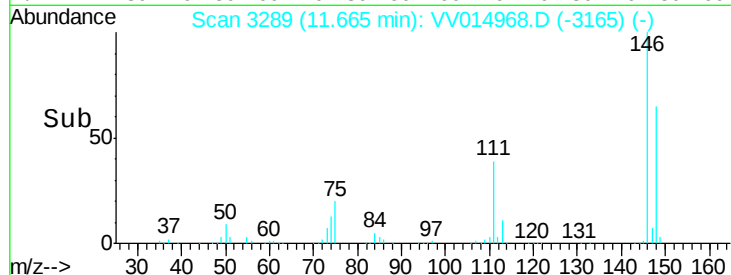
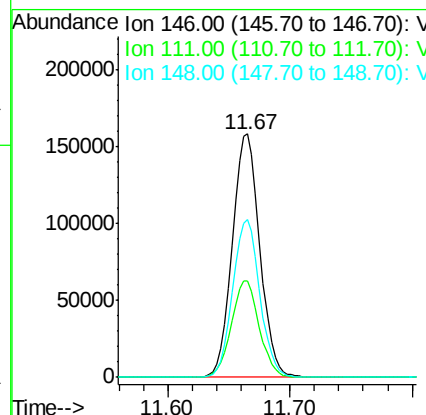
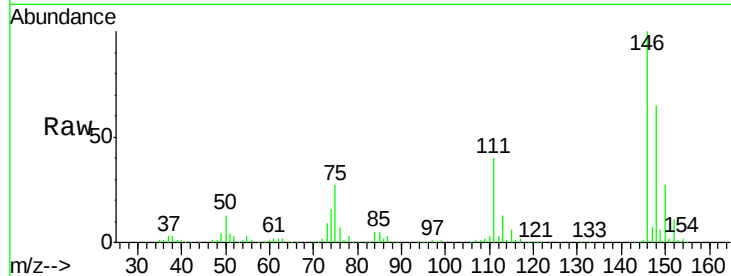
ClientSampleId :

C0DD2DL

Tot Ion:	146	Resp:	249097
Ion Ratio		Lower	Upper
146	100		
111	39.6	31.6	47.4
148	64.8	52.2	78.4

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#68

1,2,4-trichlorobenzene

Concen: 33.034 ug/L

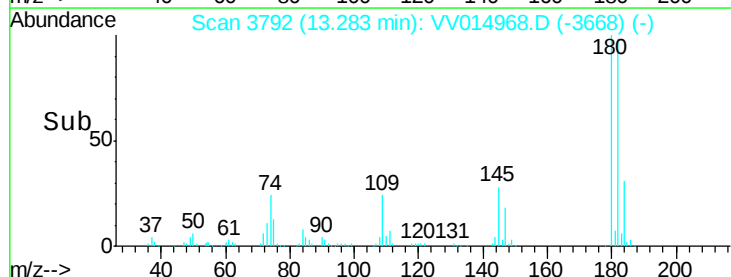
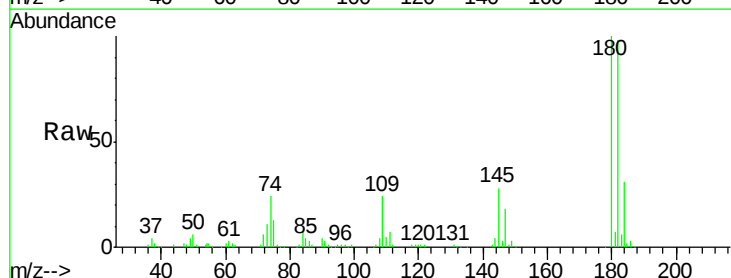
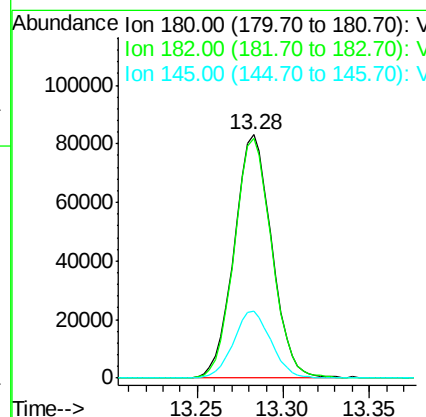
RT: 13.28 min Scan# 3792

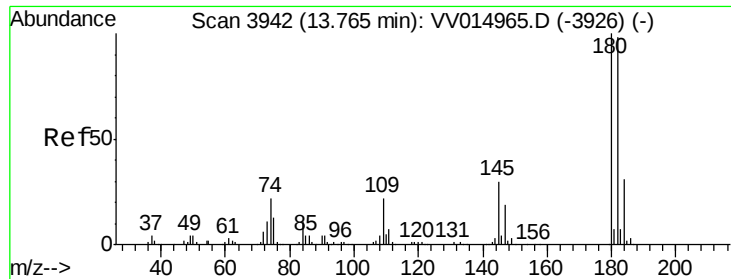
Delta R.T. -0.00 min

Lab File: VV014968.D

Acq: 17 Mar 2020 12:58

Tgt Ion:	180	Resp:	126692
Ion Ratio		Lower	Upper
180	100		
182	98.3	76.3	114.5
145	27.8	23.1	34.7





#70
 1,2,3-Trichlorobenzene
 Concen: 8.867 ug/L
 RT: 13.76 min Scan# 3942
 Delta R.T. -0.00 min
 Lab File: VV014968.D
 Acq: 17 Mar 2020 12:58

Instrument :
 MSVOA_V
 ClientSampleId :
 C0DD2DL

Tot Ion:	180	Resp:	33662
Ion Ratio	Lower	Upper	
180	100		
182	96.5	76.2	114.4
145	30.6	24.1	36.1

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