

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV030920\
 Data File : VV014778.D
 Acq On : 09 Mar 2020 15:48
 Operator : SY/MD
 Sample : L1835-07
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0DJ0

Manual Integrations
 APPROVED

MMDadoda
 3/11/2020 9:41:19 AM

Quant Time: Mar 10 16:29:04 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	437407	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	421331	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	205953	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	126838	42.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.70%
7) Chloroethane-d5	1.58	69	105350	45.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.04%
11) 1,1-Dichloroethene-d2	2.12	63	162411	33.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.04%
21) 2-Butanone-d5	3.94	46	207972	94.20	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.20%
24) Chloroform-d	4.38	84	259751	46.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.68%
26) 1,2-Dichloroethane-d4	5.06	65	175829	46.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.36%
32) Benzene-d6	5.08	84	548733	49.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.66%
36) 1,2-Dichloropropane-d6	6.10	67	171584	46.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.06%
41) Toluene-d8	7.34	98	523229	48.02	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.04%
43) trans-1,3-Dichloropropene-	7.64	79	82797	45.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.98%
47) 2-Hexanone-d5	8.12	63	165710	101.22	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.22%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	233808	46.10	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.20%
64) 1,2-Dichlorobenzene-d4	11.65	152	204450	50.08	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.16%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.22	43	7432m	4.032	ug/L	
25) Chloroform	4.41	83	6422	1.081	ug/L	86
51) Chlorobenzene	8.90	112	6027	0.696	ug/L	99
63) 1,4-Dichlorobenzene	11.29	146	13106	1.953	ug/L	96
65) 1,2-Dichlorobenzene	11.67	146	11872	1.790	ug/L	96
68) 1,2,4-trichlorobenzene	13.28	180	4079	0.862	ug/L	95

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

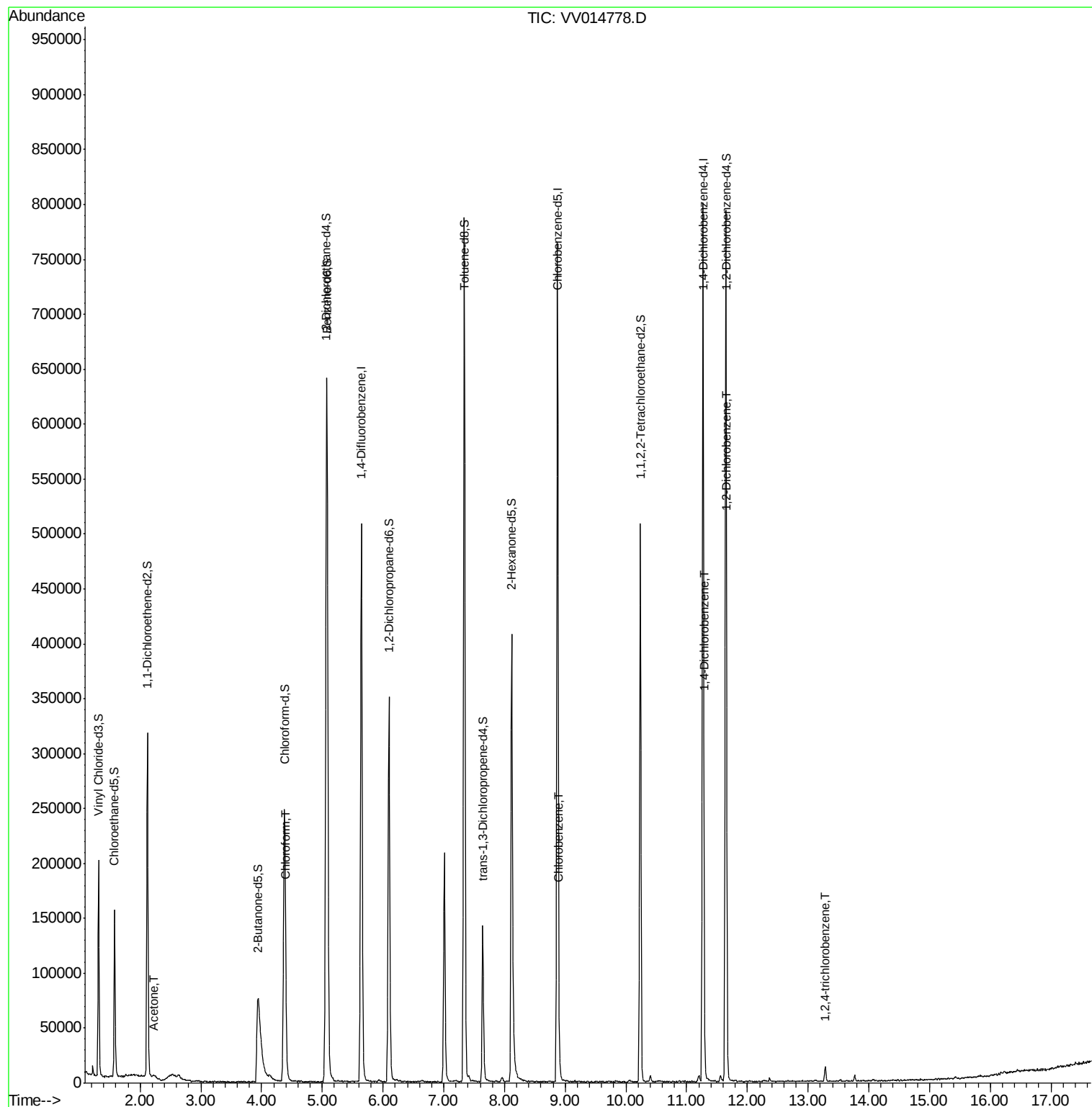
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV030920\
Data File : VV014778.D
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Operator : SY/MD
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ALS Vial : 14 Sample Multiplier: 1

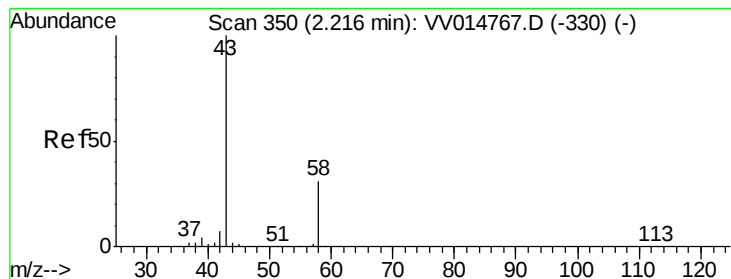
Instrument :
MSVOA_V
ClientSampleId :
C0DJ0

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Quant Time: Mar 10 16:29:04 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: 4.032 ug/L m

RT: 2.22 min Scan# 350

Delta R.T. 0.00 min

Lab File: VV014778.D

Acq: 09 Mar 2020 15:48

Instrument :

MSVOA_V

ClientSampleId :

C0DJ0

Tot Ion: 43 Resp: 7432

Ion Ratio Lower Upper

43 100

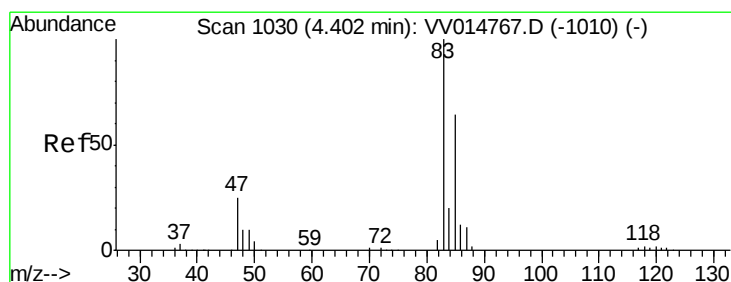
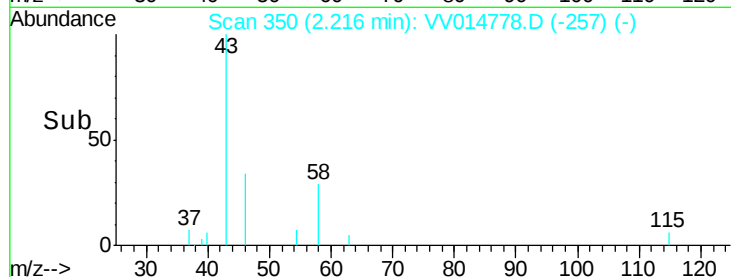
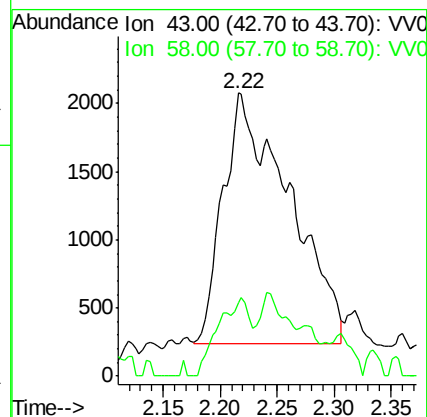
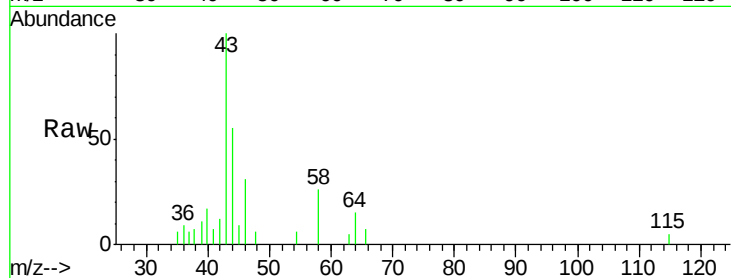
58 5.2 0.0 62.2

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#25

Chloroform

Concen: 1.081 ug/L

RT: 4.41 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VV014778.D

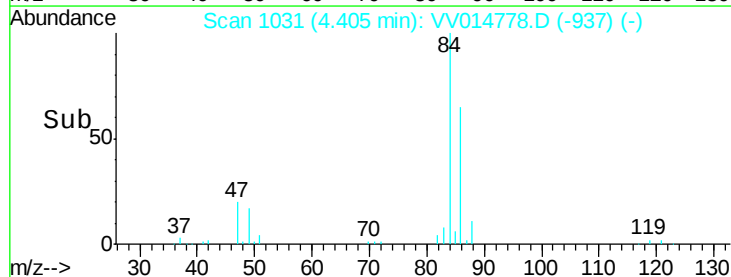
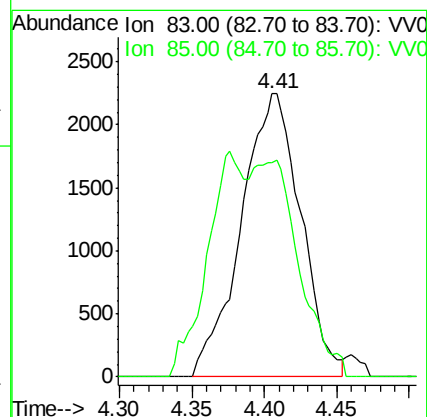
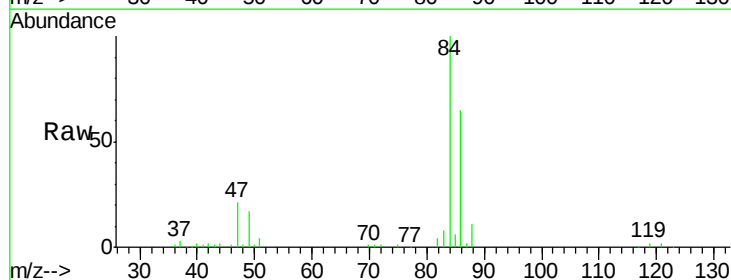
Acq: 09 Mar 2020 15:48

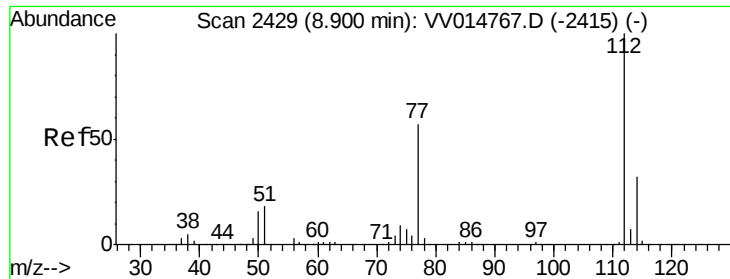
Tgt Ion: 83 Resp: 6422

Ion Ratio Lower Upper

83 100

85 75.6 45.1 83.9





#51

Chlorobenzene

Concen: 0.696 ug/L

RT: 8.90 min Scan# 2430

Delta R.T. 0.00 min

Lab File: VV014778.D

Acq: 09 Mar 2020 15:48

Instrument :

MSVOA_V

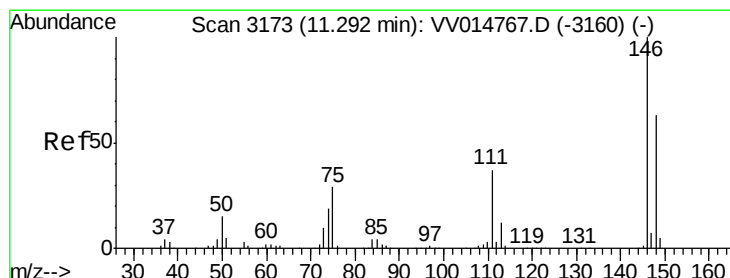
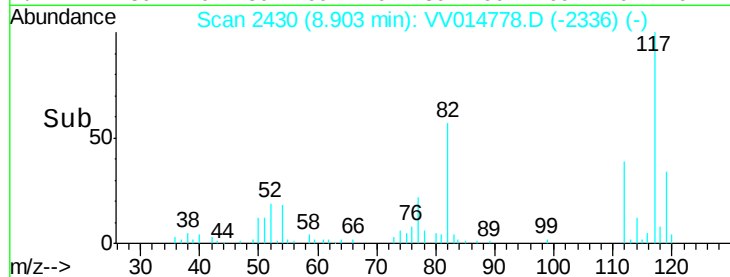
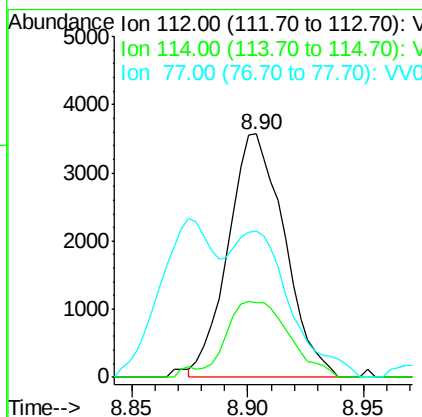
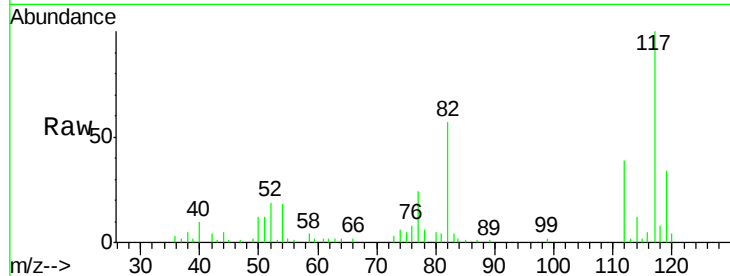
ClientSampleId :

C0DJ0

Tot Ion:	112	Resp:	6027
Ion Ratio	Lower	Upper	
112	100		
114	30.8	22.1	41.1
77	60.0	47.8	71.8

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#63

1,4-Dichlorobenzene

Concen: 1.953 ug/L

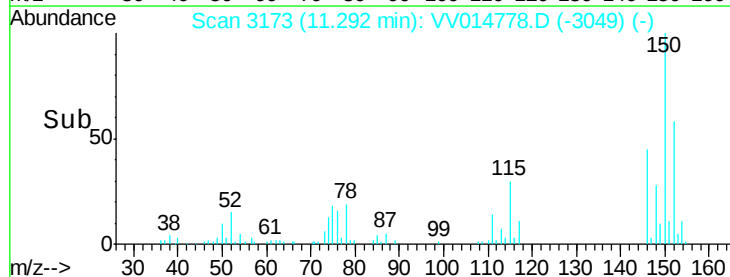
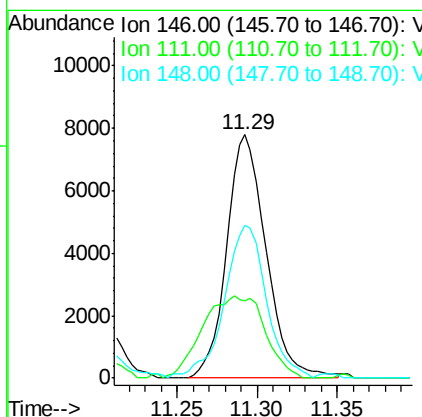
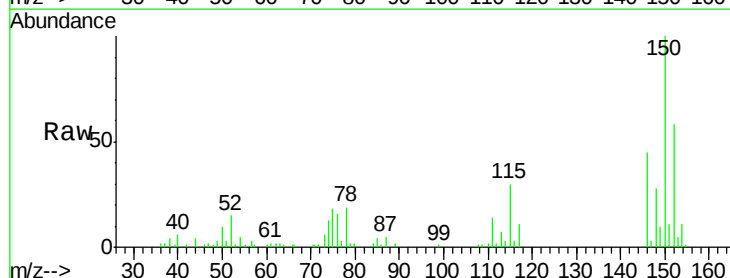
RT: 11.29 min Scan# 3173

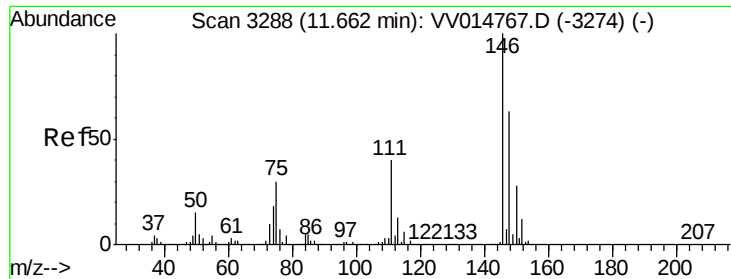
Delta R.T. 0.00 min

Lab File: VV014778.D

Acq: 09 Mar 2020 15:48

Tgt Ion:	146	Resp:	13106
Ion Ratio	Lower	Upper	
146	100		
111	31.6	26.3	48.9
148	62.5	44.0	81.8





#65

1,2-Dichlorobenzene

Concen: 1.790 ug/L

RT: 11.67 min Scan# 3289

Delta R.T. 0.00 min

Lab File: VV014778.D

Acq: 09 Mar 2020 15:48

Instrument :

MSVOA_V

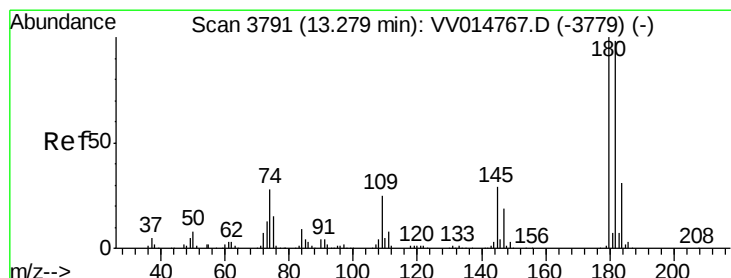
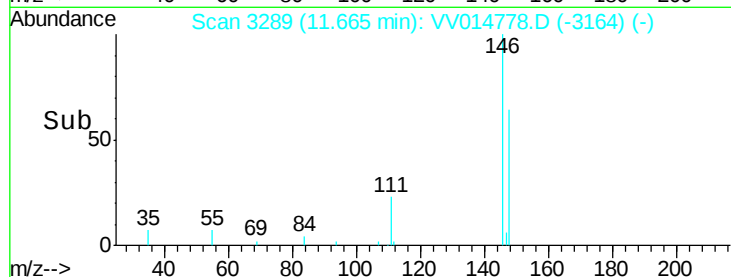
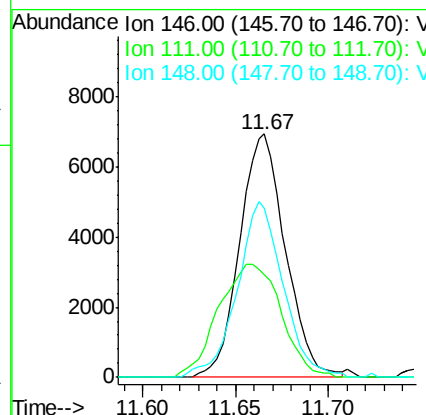
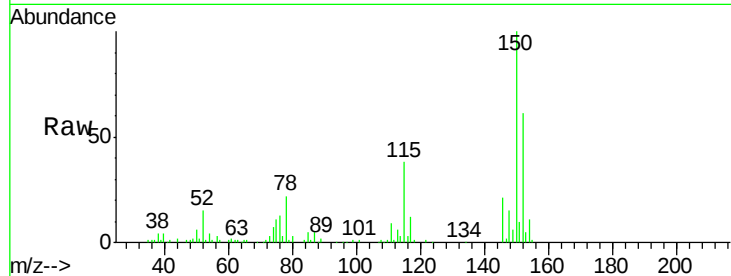
ClientSampled :

C0DJ0

Tot Ion:	146	Resp:	11872
Ion Ratio	Lower	Upper	
146	100		
111	42.1	33.9	50.9
148	69.6	51.4	77.0

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#68

1,2,4-trichlorobenzene

Concen: 0.862 ug/L

RT: 13.28 min Scan# 3792

Delta R.T. 0.00 min

Lab File: VV014778.D

Acq: 09 Mar 2020 15:48

Tgt Ion:	180	Resp:	4079
Ion Ratio	Lower	Upper	
180	100		
182	89.4	76.6	114.8
145	28.4	23.4	35.0

