

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV030920\
 Data File : VV014774.D
 Acq On : 09 Mar 2020 14:13
 Operator : SY/MD
 Sample : L1834-16
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0DK9

Manual Integrations
 APPROVED

MMDadoda
 3/11/2020 9:41:02 AM

Quant Time: Mar 10 15:40:24 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	433550	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	430556	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	221414	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	123578	42.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.24%
7) Chloroethane-d5	1.58	69	100147	43.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.36%
11) 1,1-Dichloroethene-d2	2.12	63	159930	32.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.60%
21) 2-Butanone-d5	3.94	46	193422	88.39	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.39%
24) Chloroform-d	4.38	84	262576	47.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.52%
26) 1,2-Dichloroethane-d4	5.06	65	174689	46.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.58%
32) Benzene-d6	5.08	84	534654	47.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.06%
36) 1,2-Dichloropropane-d6	6.10	67	169291	44.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.86%
41) Toluene-d8	7.34	98	506928	45.53	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.06%
43) trans-1,3-Dichloropropene-	7.64	79	81603	44.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.72%
47) 2-Hexanone-d5	8.12	63	151075	90.30	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.30%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	230154	44.41	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.82%
64) 1,2-Dichlorobenzene-d4	11.65	152	208525	47.52	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.04%

Target Compounds

				Ovalue
13) Acetone	2.22	43	5893m	3.226 ug/L
51) Chlorobenzene	8.90	112	1443352	163.017 ug/L 98
62) 1,3-Dichlorobenzene	11.20	146	70199	9.804 ug/L 99
63) 1,4-Dichlorobenzene	11.29	146	399220	55.343 ug/L 99
65) 1,2-Dichlorobenzene	11.67	146	328449	46.076 ug/L 99

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

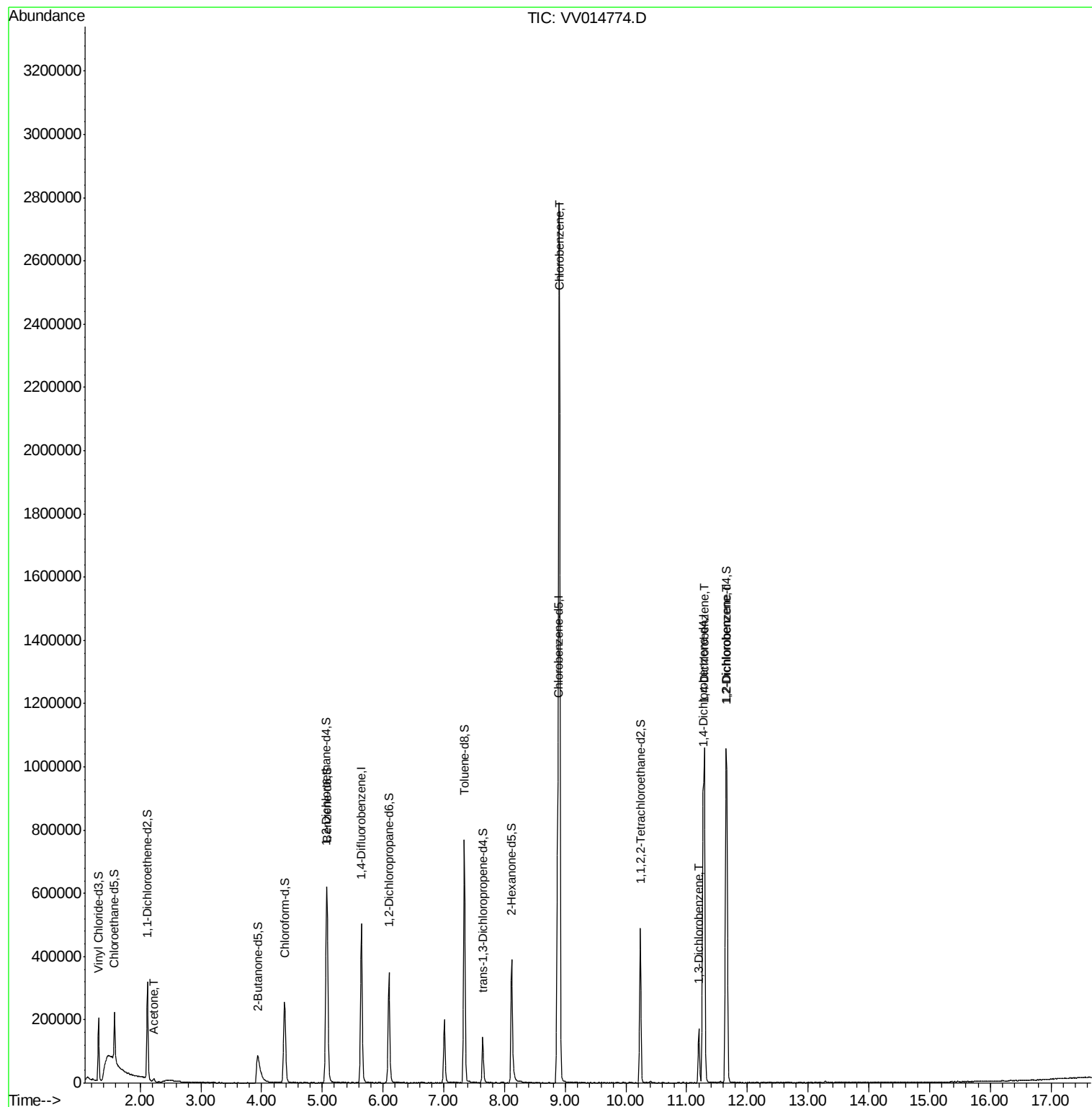
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV030920\
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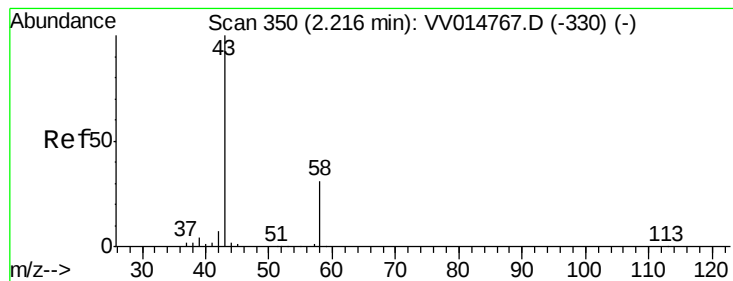
Instrument :
MSVOA_V
ClientSampleId :
C0DK9

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Quant Time: Mar 10 15:40:24 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





#13

Acetone

Concen: 3.226 ug/L m

RT: 2.22 min Scan# 350

Delta R.T. 0.00 min

Lab File: VV014774.D

Acq: 09 Mar 2020 14:13

Tot Ion: 43 Resp: 5893

Ion Ratio Lower Upper

43 100

58 9.6 0.0 62.2

Instrument :

MSVOA_V

ClientSampleId :

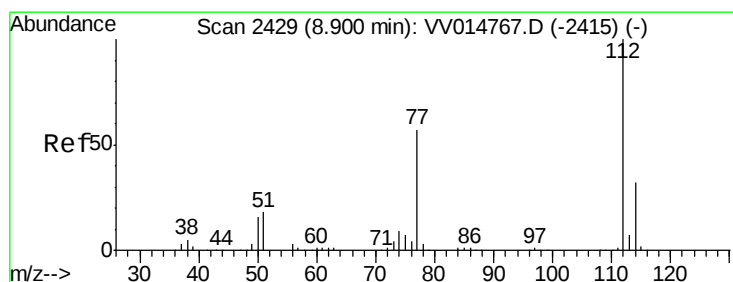
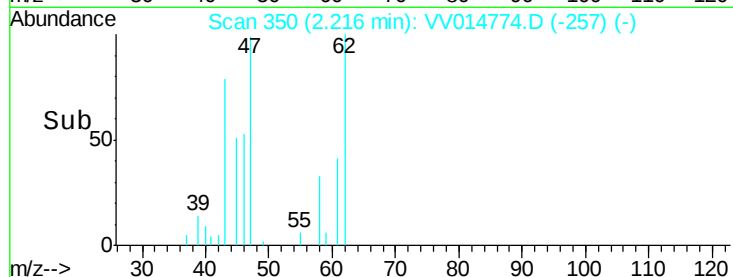
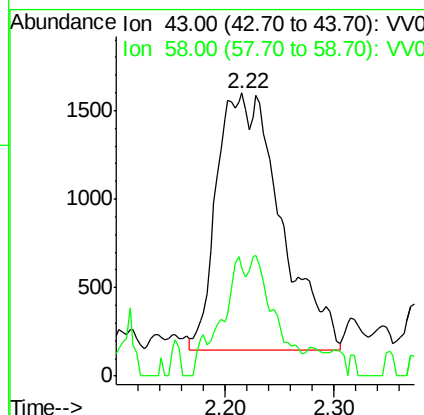
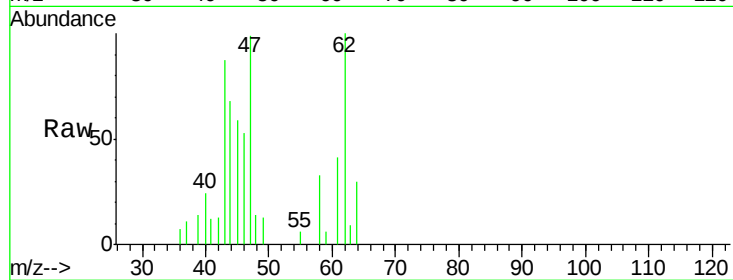
C0DK9

Manual Integrations

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#51

Chlorobenzene

Concen: 163.017 ug/L

RT: 8.90 min Scan# 2430

Delta R.T. 0.00 min

Lab File: VV014774.D

Acq: 09 Mar 2020 14:13

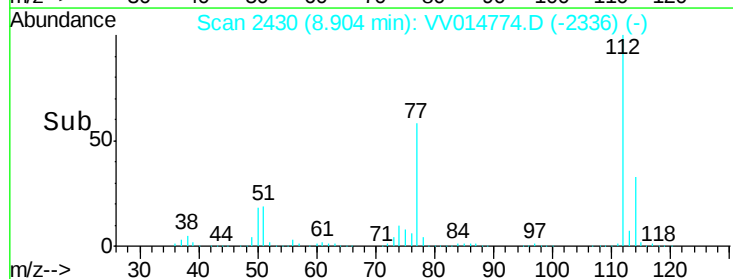
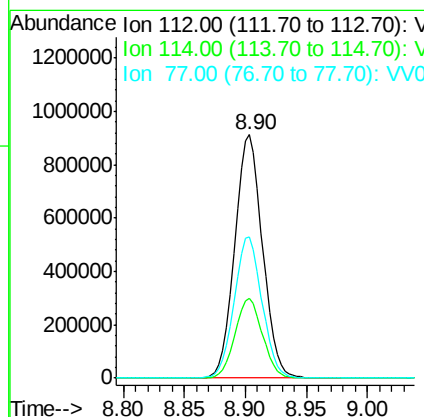
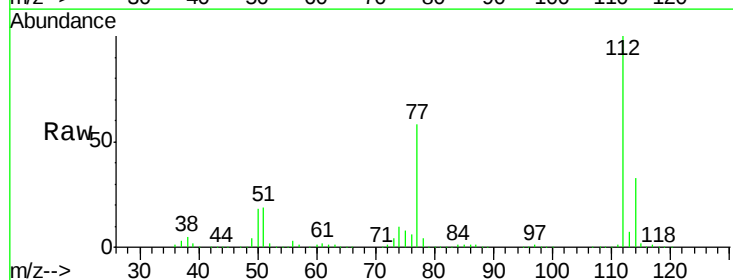
Tgt Ion: 112 Resp: 1443352

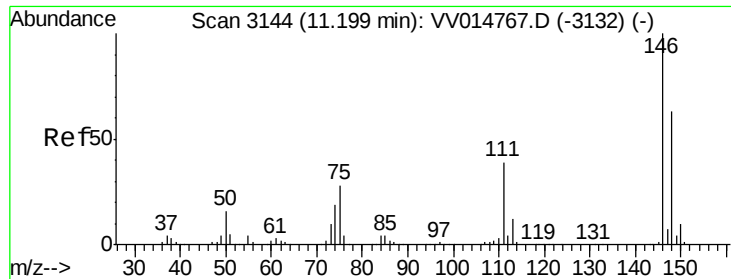
Ion Ratio Lower Upper

112 100

114 32.8 22.1 41.1

77 57.9 47.8 71.8





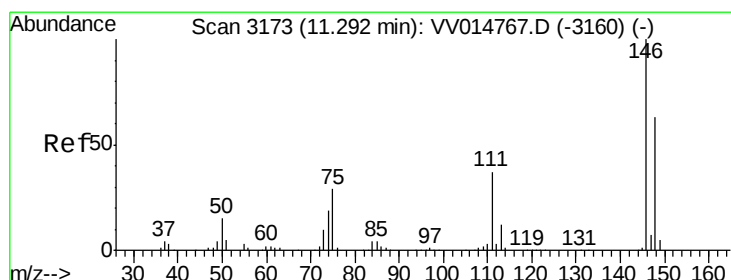
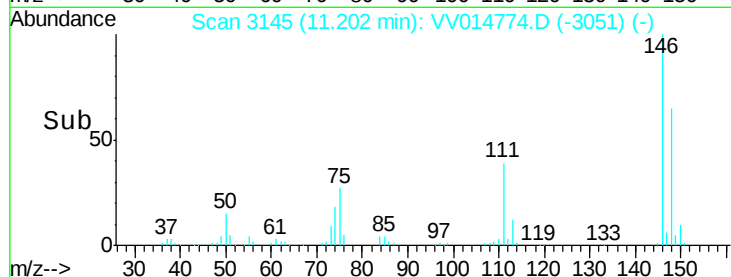
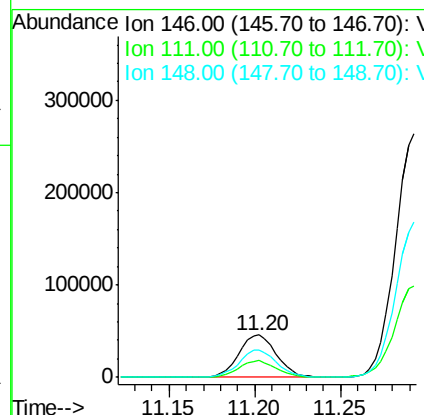
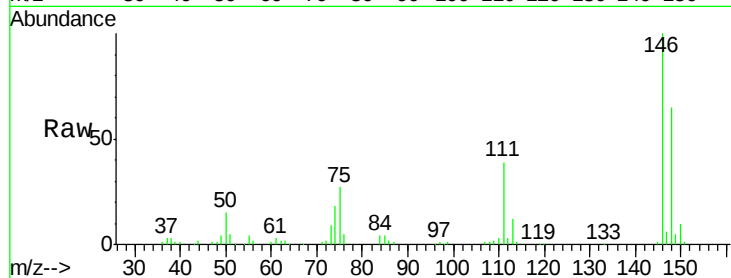
#62
 1,3-Dichlorobenzene
 Concen: 9.804 ug/L
 RT: 11.20 min Scan# 3145
 Delta R.T. 0.00 min
 Lab File: VV014774.D
 Acq: 09 Mar 2020 14:13

Instrument :
 MSVOA_V
 ClientSampled :
 C0DK9

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.2	27.2	50.4
148	64.7	44.2	82.2

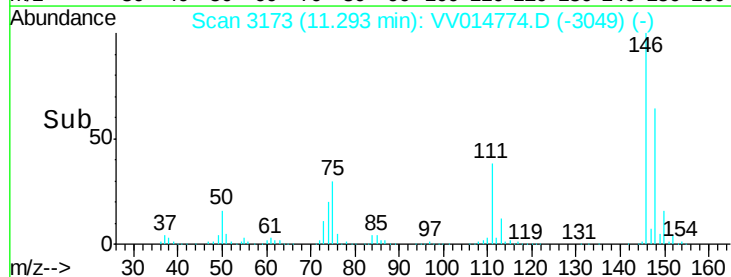
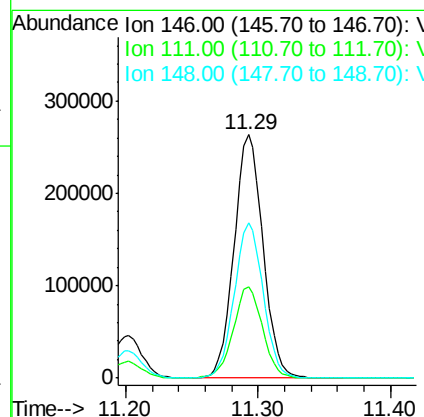
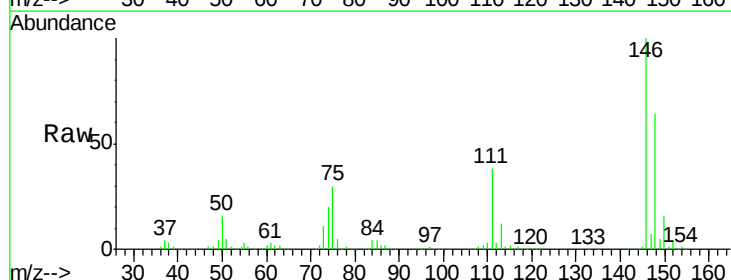
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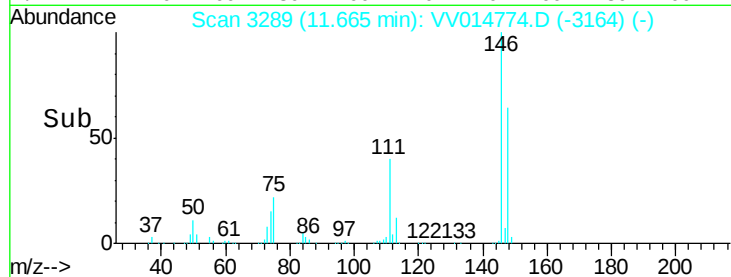
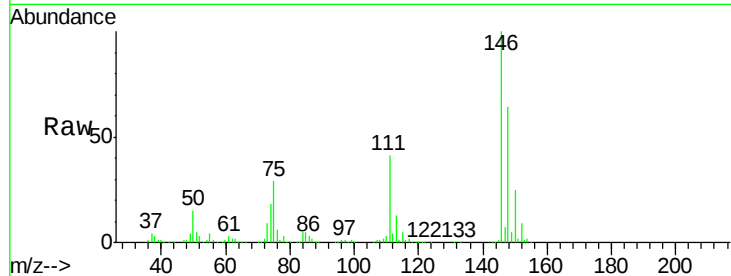
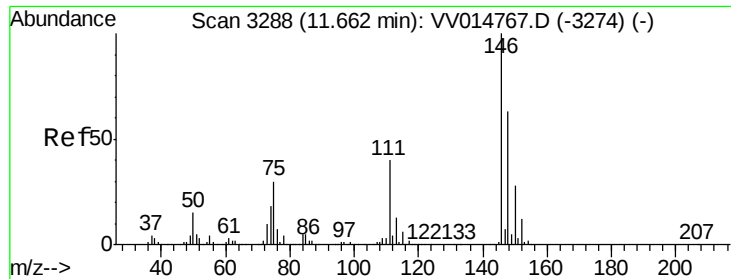
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#63
 1,4-Dichlorobenzene
 Concen: 55.343 ug/L
 RT: 11.29 min Scan# 3173
 Delta R.T. 0.00 min
 Lab File: VV014774.D
 Acq: 09 Mar 2020 14:13

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.7	26.3	48.9
148	63.6	44.0	81.8





#65
 1,2-Dichlorobenzene
 Concen: 46.076 ug/L
 RT: 11.67 min Scan# 3289
 Delta R.T. 0.00 min
 Lab File: VV014774.D
 Acq: 09 Mar 2020 14:13

Instrument :
 MSVOA_V
 ClientSampleId :
 C0DK9

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.8	33.9	50.9
148	63.8	51.4	77.0

Manual Integrations
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