

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040120\
 Data File : VV015357.D
 Acq On : 02 Apr 2020 04:37
 Operator : SY/MD
 Sample : L2064-01
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0XZ7

Quant Time: Apr 02 07:09:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM040120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 02 06:34:01 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	735908	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	696762	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	315738	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	236397	35.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	71.64%
7) Chloroethane-d5	1.58	69	212842	37.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	75.52%
11) 1,1-Dichloroethene-d2	2.12	63	365952	31.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.06%
21) 2-Butanone-d5	3.94	46	295728	84.32	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	84.32%
24) Chloroform-d	4.38	84	433455	39.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.58%
26) 1,2-Dichloroethane-d4	5.06	65	281748	41.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.04%
32) Benzene-d6	5.08	84	906216	42.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.46%
36) 1,2-Dichloropropane-d6	6.10	67	269306	42.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.14%
41) Toluene-d8	7.34	98	878982	42.84	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.68%
43) trans-1,3-Dichloropropene-	7.64	79	135455	38.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.50%
47) 2-Hexanone-d5	8.12	63	231570	80.15	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	80.15%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	377483	41.94	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.88%
64) 1,2-Dichlorobenzene-d4	11.65	152	325657	45.34	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.68%

Target Compounds

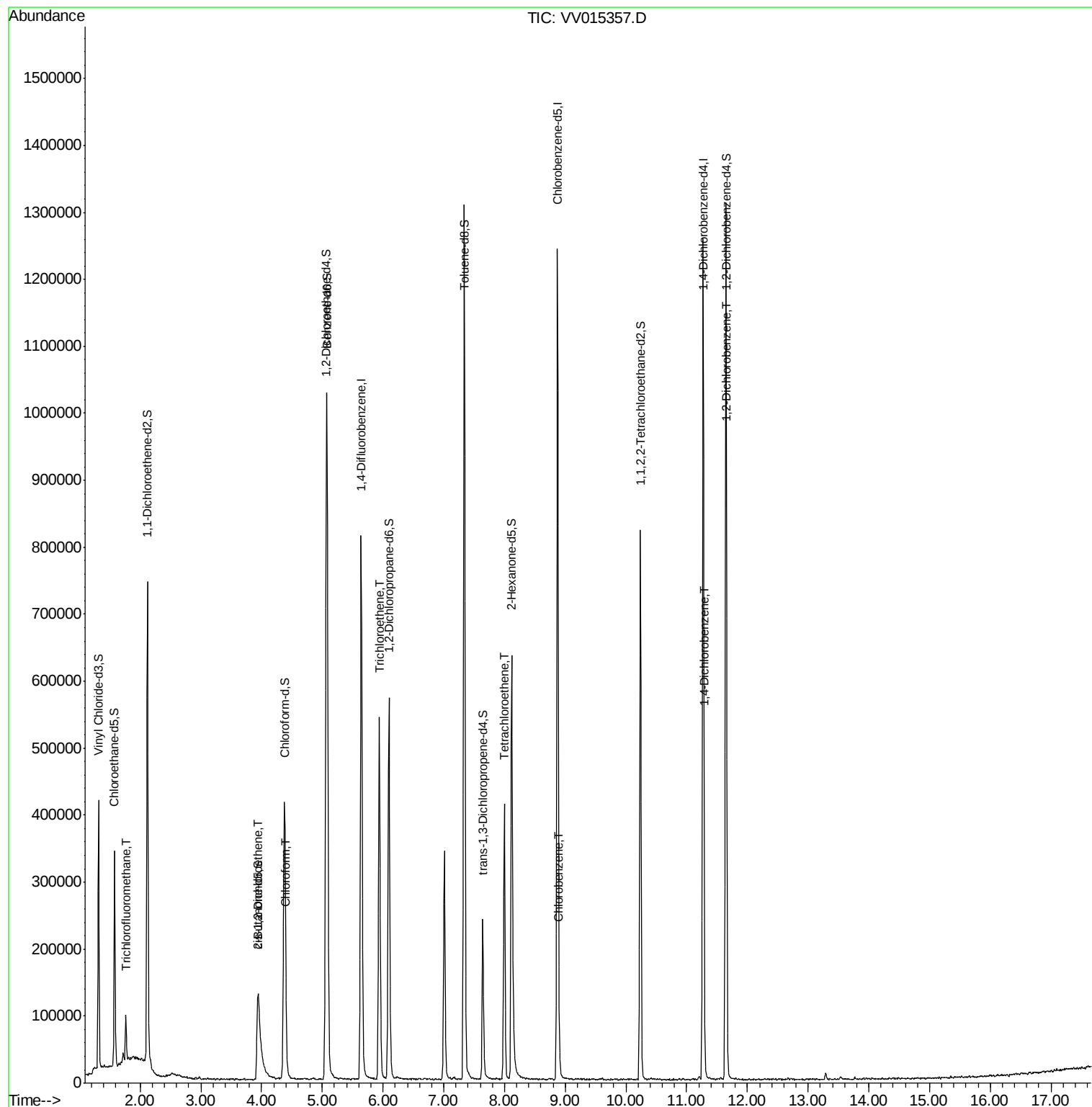
					Ovalue
9) Trichlorofluoromethane	1.77	101	38201	3.076 ug/L	99
20) cis-1,2-Dichloroethene	3.94	96	9307	1.618 ug/L #	98
25) Chloroform	4.41	83	10731	1.082 ug/L	91
34) Trichloroethene	5.94	95	188616	34.541 ug/L	98
46) Tetrachloroethene	8.00	164	86906	22.199 ug/L	98
51) Chlorobenzene	8.91	112	9592	0.639 ug/L	94
63) 1,4-Dichlorobenzene	11.30	146	10657	0.989 ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	7717	0.712 ug/L #	75

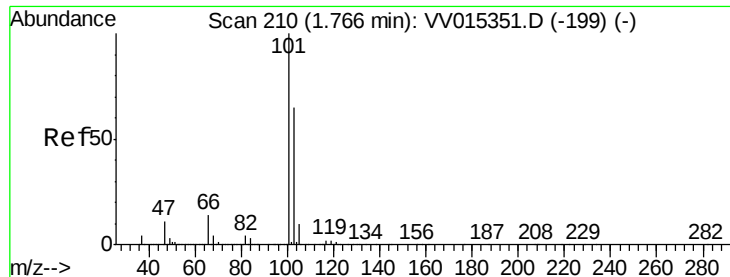
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Apr 02 06:34:01 2020
Response via : Initial Calibration





#9

Trichlorofluoromethane

Concen: 3.076 ug/L

RT: 1.77 min Scan# 210

Delta R.T. -0.00 min

Lab File: VV015357.D

Acq: 02 Apr 2020 04:37

Instrument :

MSVOA_V

ClientSampleId :

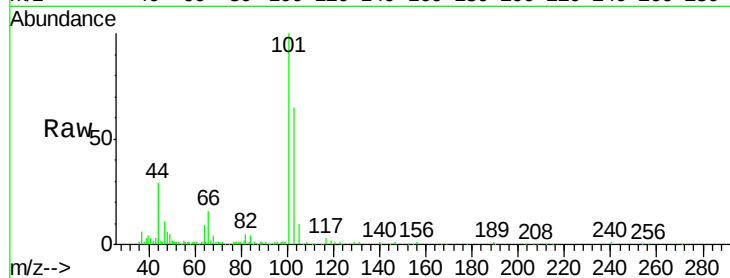
C0XZ7

Tot Ion:101 Resp: 38201

Ion Ratio Lower Upper

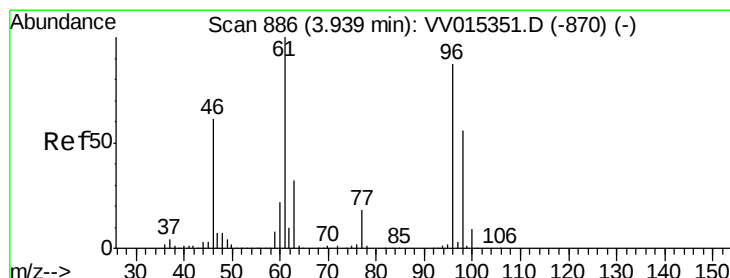
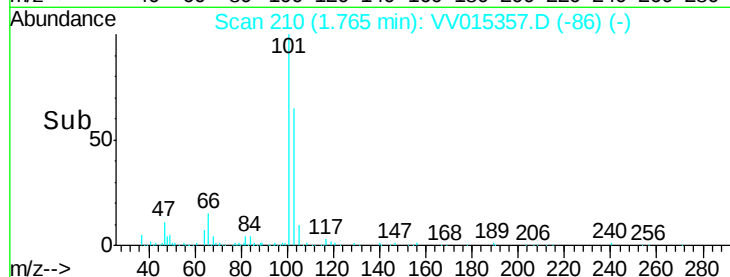
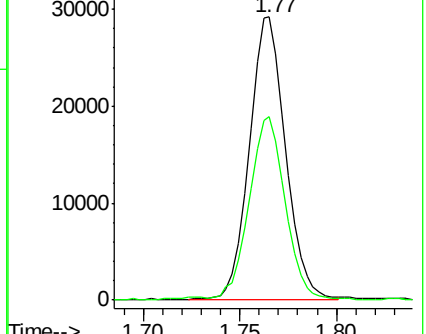
101 100

103 64.4 52.3 78.5



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#20

cis-1,2-Dichloroethene

Concen: 1.618 ug/L

RT: 3.94 min Scan# 887

Delta R.T. 0.00 min

Lab File: VV015357.D

Acq: 02 Apr 2020 04:37

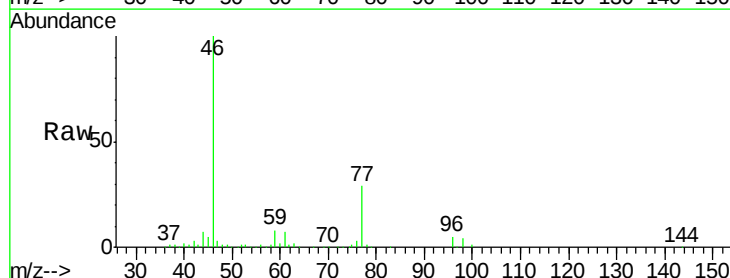
Tgt Ion: 96 Resp: 9307

Ion Ratio Lower Upper

96 100

61 121.6 86.4 160.4

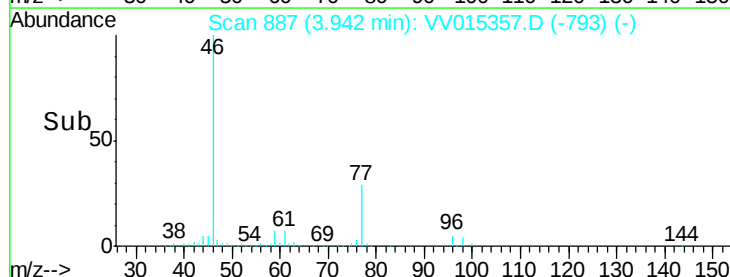
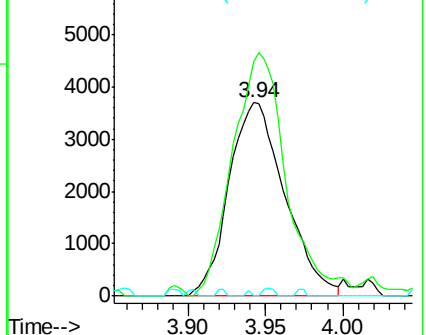
68 0.0 0.1 0.3#

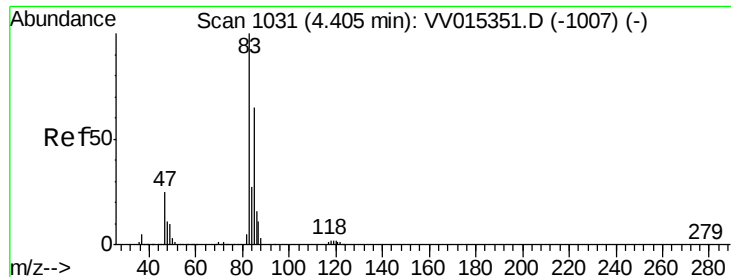


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 68.00 (67.70 to 68.70): VV0

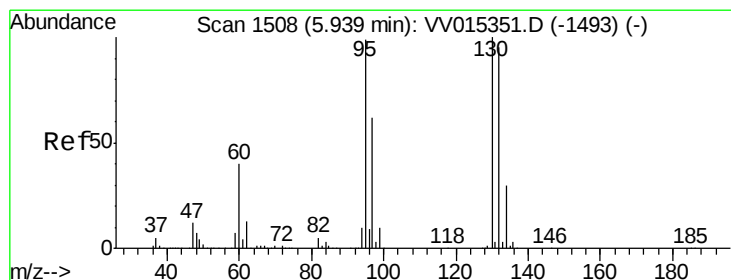
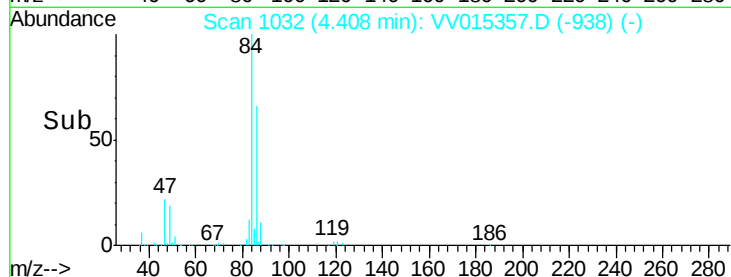
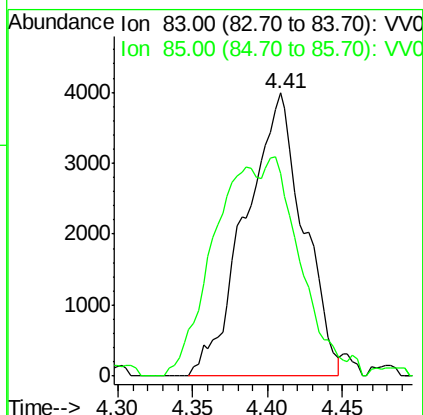
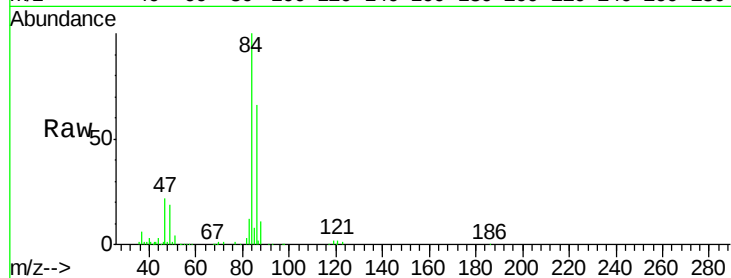




#25
Chloroform
Concen: 1.082 ug/L
RT: 4.41 min Scan# 1032
Delta R.T. 0.00 min
Lab File: VV015357.D
Acq: 02 Apr 2020 04:37

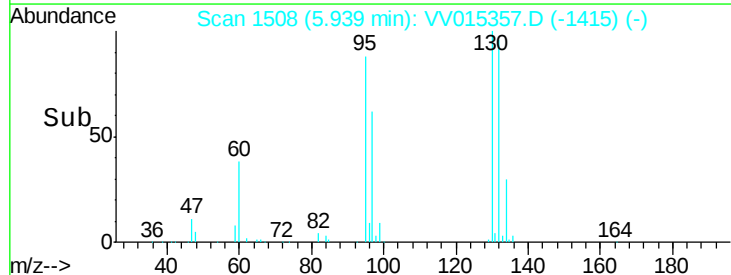
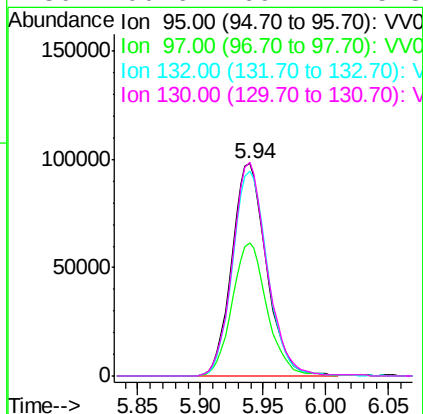
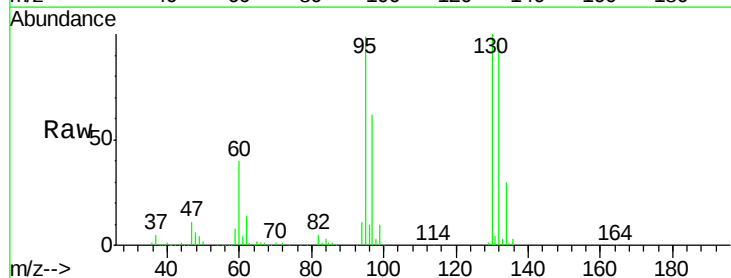
Instrument :
MSVOA_V
ClientSampleId :
C0XZ7

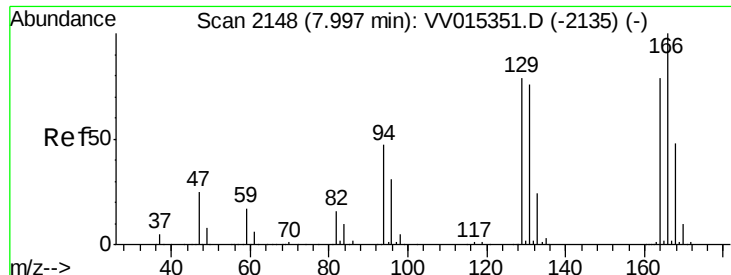
Tot Ion: 83 Resp: 10731
Ion Ratio Lower Upper
83 100
85 71.8 45.1 83.9



#34
Trichloroethene
Concen: 34.541 ug/L
RT: 5.94 min Scan# 1508
Delta R.T. -0.00 min
Lab File: VV015357.D
Acq: 02 Apr 2020 04:37

Tgt Ion: 95 Resp: 188616
Ion Ratio Lower Upper
95 100
97 62.7 45.4 84.2
132 96.5 66.8 124.2
130 100.6 69.4 128.8





#46

Tetrachloroethene

Concen: 22.199 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. -0.00 min

Lab File: VV015357.D

Acq: 02 Apr 2020 04:37

Instrument :

MSVOA_V

ClientSampleId :

C0XZ7

Tot Ion:164 Resp: 86906

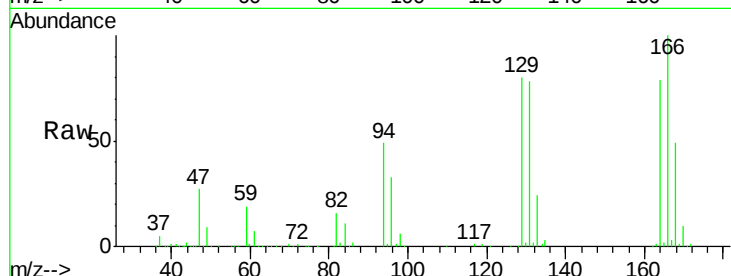
Ion Ratio Lower Upper

164 100

129 100.5 73.8 137.0

131 98.4 69.4 129.0

166 126.3 89.7 166.7

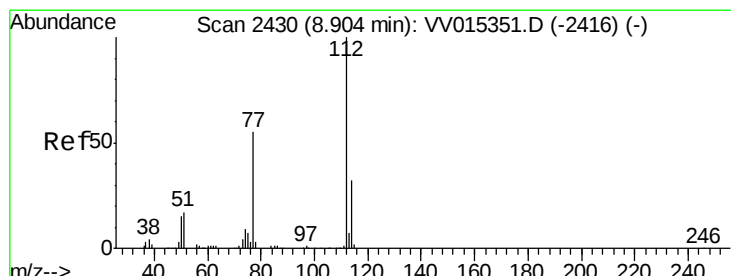
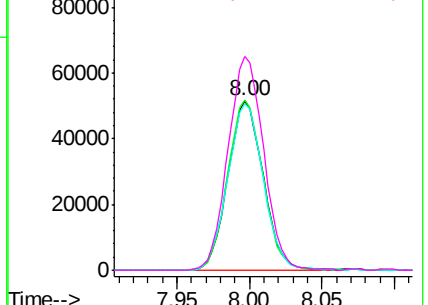
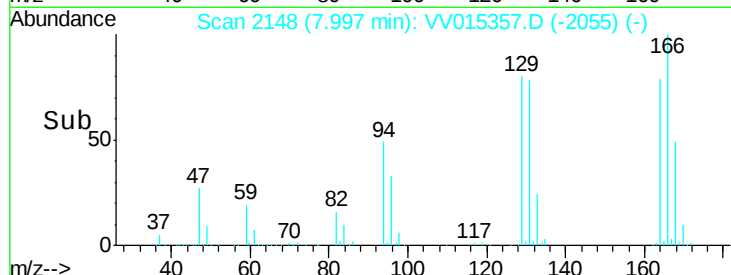


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#51

Chlorobenzene

Concen: 0.639 ug/L

RT: 8.91 min Scan# 2431

Delta R.T. 0.00 min

Lab File: VV015357.D

Acq: 02 Apr 2020 04:37

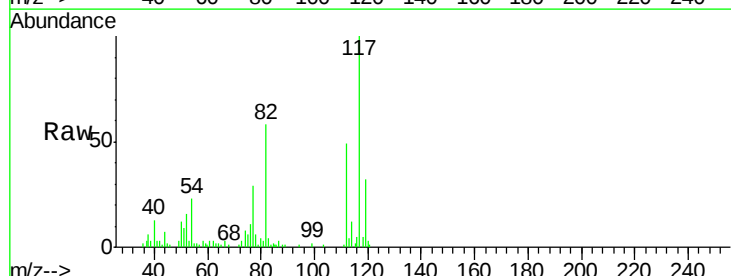
Tgt Ion:112 Resp: 9592

Ion Ratio Lower Upper

112 100

114 24.0 21.8 40.4

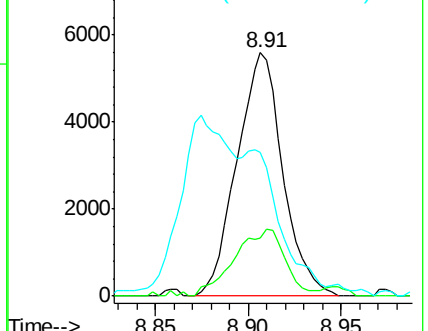
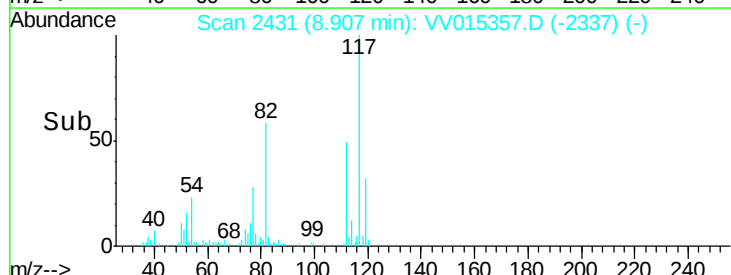
77 59.0 46.2 69.2

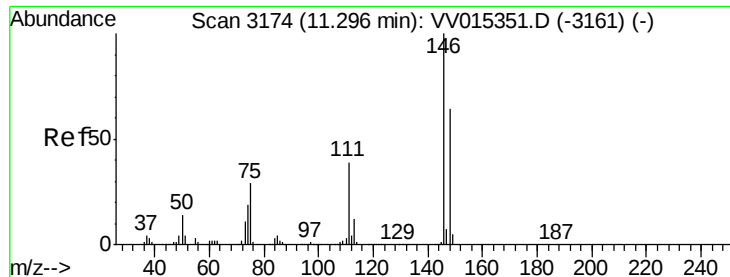


Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

Ion 77.00 (76.70 to 77.70): VV0





#63

1,4-Dichlorobenzene

Concen: 0.989 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. -0.00 min

Lab File: VV015357.D

Acq: 02 Apr 2020 04:37

Instrument :

MSVOA_V

ClientSampleId :

C0XZ7

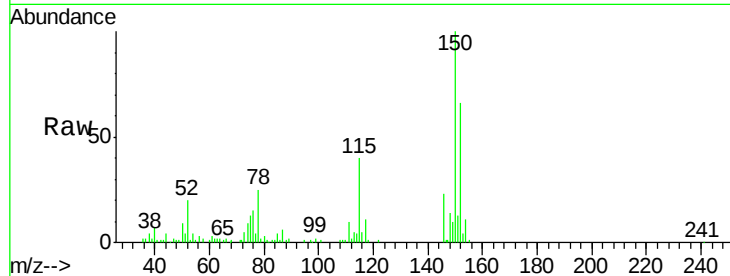
Tot Ion:146 Resp: 10657

Ion Ratio Lower Upper

146 100

111 44.0 29.3 54.5

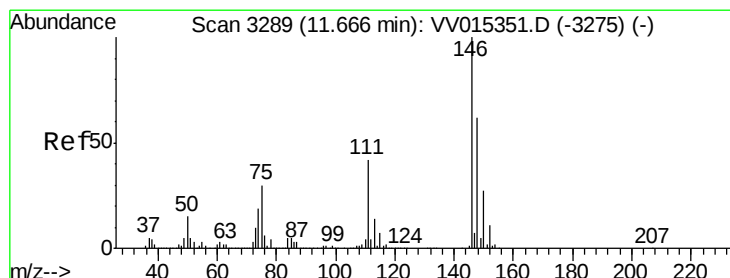
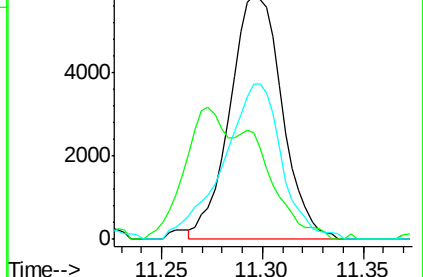
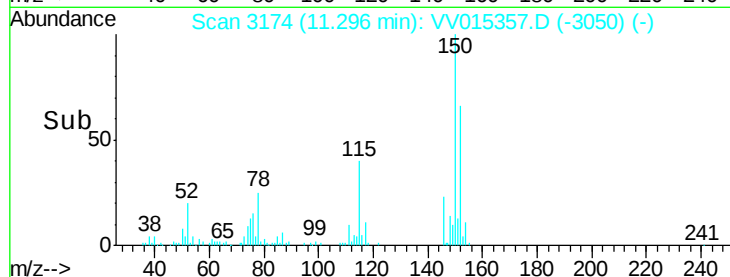
148 63.7 44.7 82.9



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



#65

1,2-Dichlorobenzene

Concen: 0.712 ug/L

RT: 11.67 min Scan# 3289

Delta R.T. -0.00 min

Lab File: VV015357.D

Acq: 02 Apr 2020 04:37

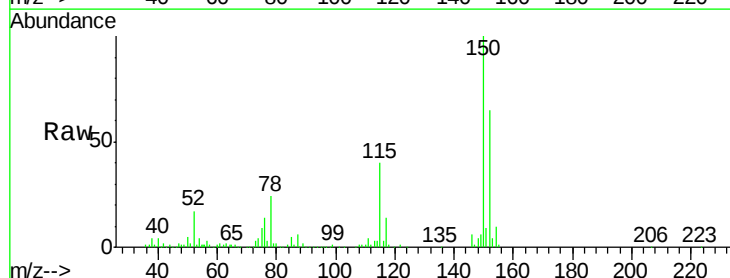
Tgt Ion:146 Resp: 7717

Ion Ratio Lower Upper

146 100

111 72.7 35.1 52.7#

148 72.8 51.0 76.4



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

