

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100720\
 Data File : VV018747.D
 Acq On : 07 Oct 2020 22:57
 Operator : SY/MD
 Sample : L4239-16 20X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 08 06:42:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 08 02:46:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	284063	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	275129	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	131228	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	71916	43.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.34%
7) Chloroethane-d5	1.58	69	65685	47.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.36%
11) 1,1-Dichloroethene-d2	2.12	63	120494	35.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.00%
21) 2-Butanone-d5	3.91	46	110890	89.23	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.23%
24) Chloroform-d	4.38	84	153391	42.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.16%
26) 1,2-Dichloroethane-d4	5.06	65	110273	48.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.44%
32) Benzene-d6	5.07	84	294534	42.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.52%
36) 1,2-Dichloropropane-d6	6.09	67	93068	44.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.40%
41) Toluene-d8	7.34	98	269913	41.17	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.34%
43) trans-1,3-Dichloropropene-	7.64	79	47180	41.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.96%
47) 2-Hexanone-d5	8.11	63	55558	69.47	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	69.47%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	104655	37.49	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	74.98%
64) 1,2-Dichlorobenzene-d4	11.65	152	112463	44.56	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.12%

Target Compounds

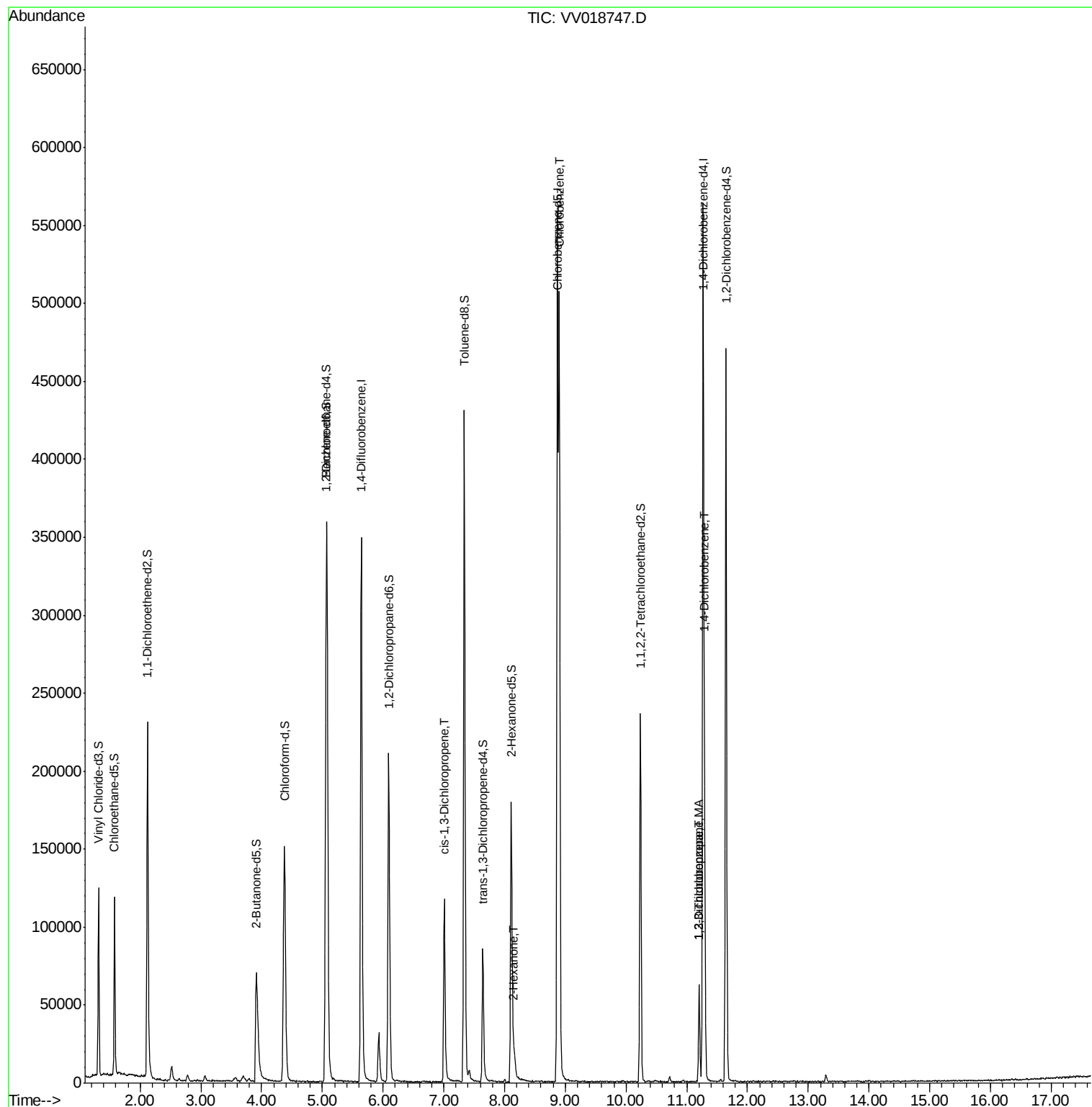
					Ovalue
39) cis-1,3-Dichloropropene	7.01	75	3176	0.976 ug/L	86
48) 2-Hexanone	8.16	43	9454	4.528 ug/L #	68
51) Chlorobenzene	8.90	112	245283	41.465 ug/L	96
59) 1,2,3-Trichloropropane	11.20	75	7288	2.889 ug/L #	44
62) 1,3-Dichlorobenzene	11.20	146	23690	5.578 ug/L	98
63) 1,4-Dichlorobenzene	11.30	146	50273	11.496 ug/L	98

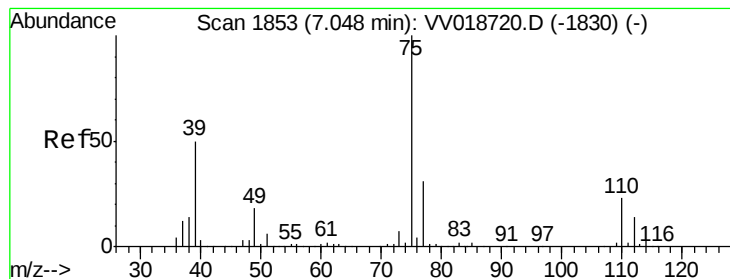
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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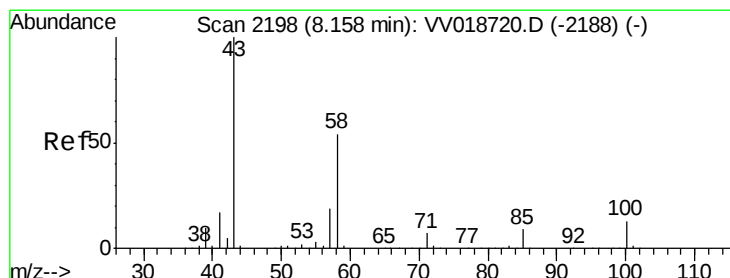
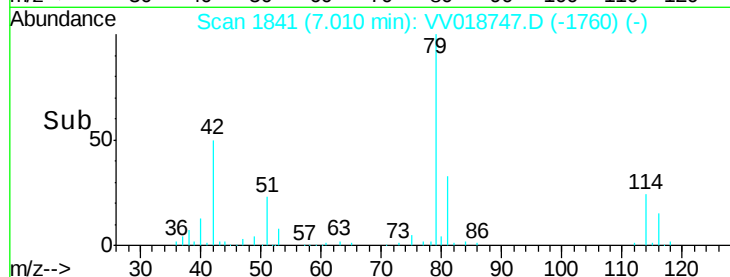
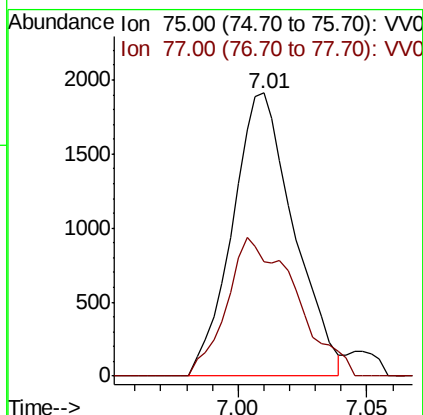
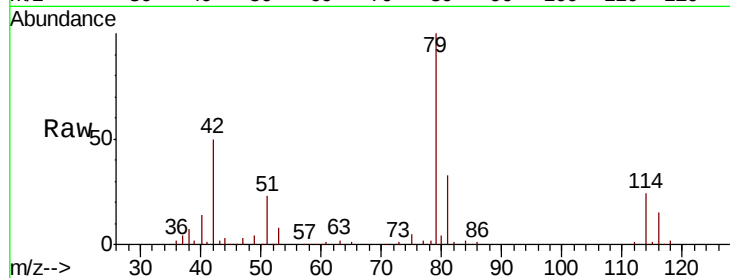


#39

cis-1,3-Dichloropropene
Concen: 0.976 ug/L
RT: 7.01 min Scan# 1841
Delta R.T. -0.04 min
Lab File: VV018747.D
Acq: 07 Oct 2020 22:57

Instrument :
MSVOA_V
ClientSampleId :

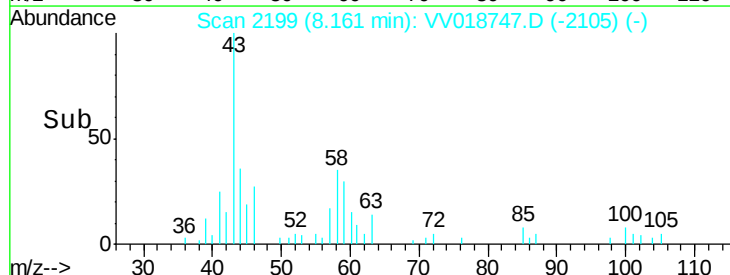
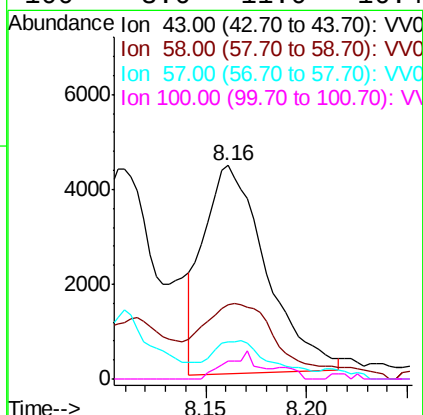
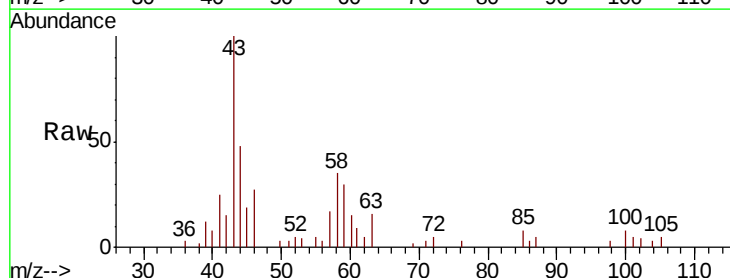
Tot Ion: 75 Resp: 3176
Ion Ratio Lower Upper
75 100
77 40.4 23.0 42.6

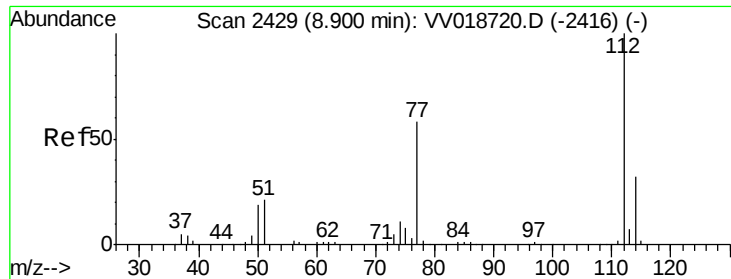


#48

2-Hexanone
Concen: 4.528 ug/L
RT: 8.16 min Scan# 2199
Delta R.T. 0.00 min
Lab File: VV018747.D
Acq: 07 Oct 2020 22:57

Tgt Ion: 43 Resp: 9454
Ion Ratio Lower Upper
43 100
58 34.8 45.1 67.7#
57 0.0 15.7 23.5#
100 3.6 11.0 16.4#

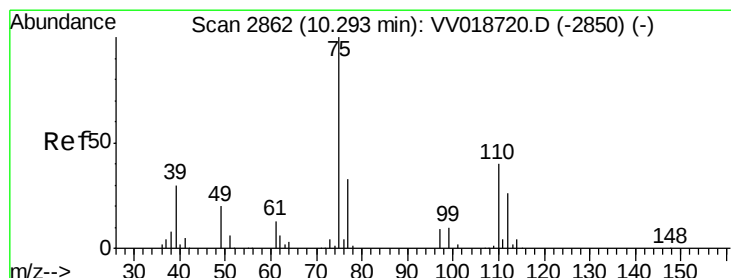
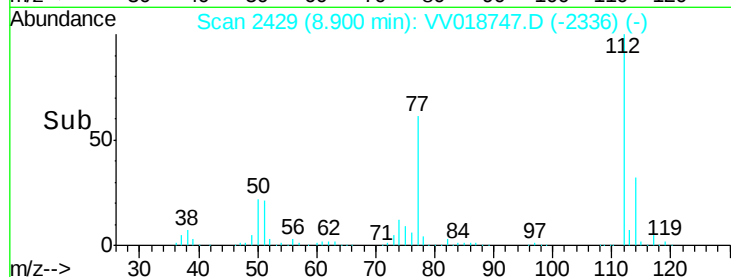
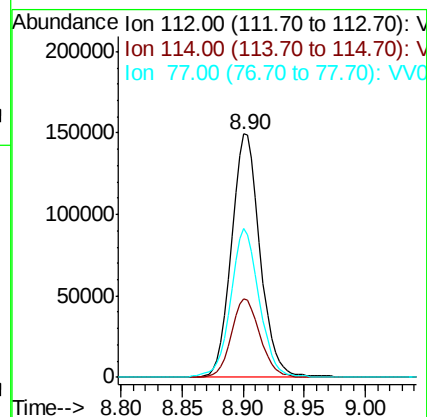
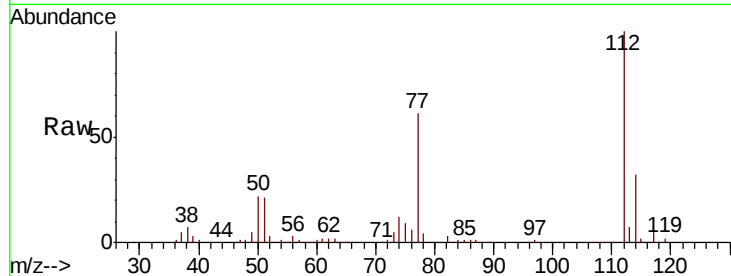




#51
Chlorobenzene
Concen: 41.465 ug/L
RT: 8.90 min Scan# 2429
Delta R.T. 0.00 min
Lab File: VV018747.D
Acq: 07 Oct 2020 22:57

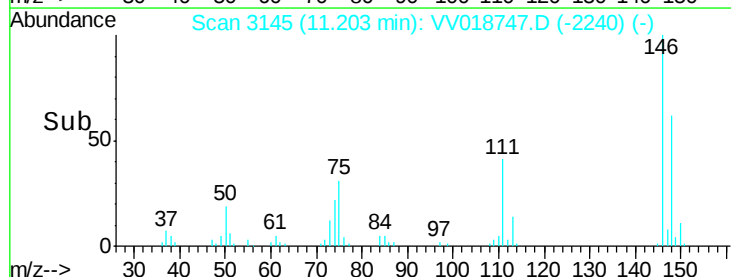
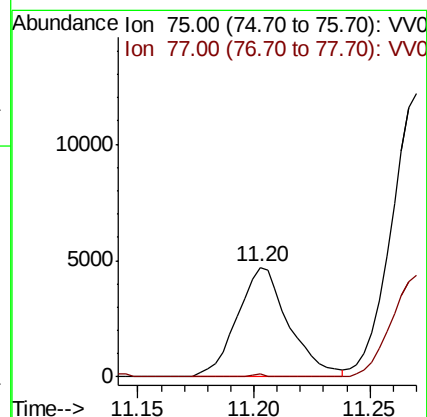
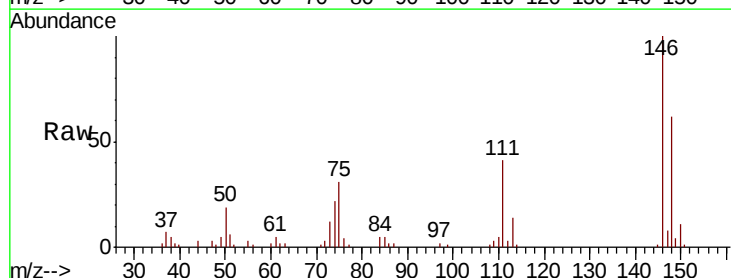
Instrument :
MSVOA_V
ClientSampleId :

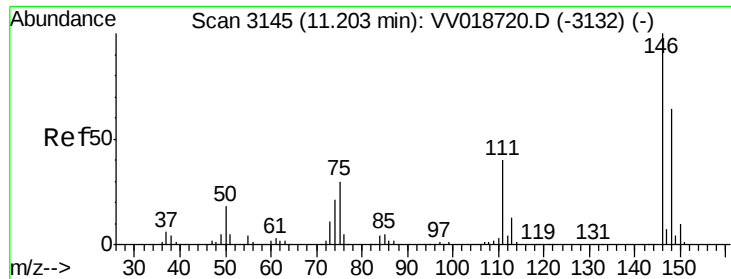
Tot Ion:112 Resp: 245283
Ion Ratio Lower Upper
112 100
114 32.2 22.4 41.6
77 60.9 44.8 67.2



#59
1,2,3-Trichloropropane
Concen: 2.889 ug/L
RT: 11.20 min Scan# 3145
Delta R.T. 0.91 min
Lab File: VV018747.D
Acq: 07 Oct 2020 22:57

Tgt Ion: 75 Resp: 7288
Ion Ratio Lower Upper
75 100
77 0.6 25.4 38.0#





#62

1,3-Dichlorobenzene

Concen: 5.578 ug/L

RT: 11.20 min Scan# 3145

Delta R.T. 0.00 min

Lab File: VV018747.D

Acq: 07 Oct 2020 22:57

Instrument :

MSVOA_V

ClientSampled :

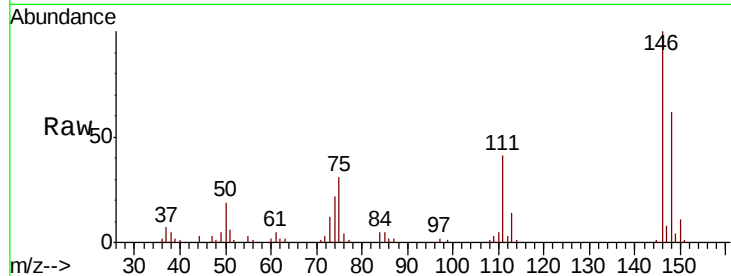
Tot Ion:146 Resp: 23690

Ion Ratio Lower Upper

146 100

111 40.6 26.8 49.8

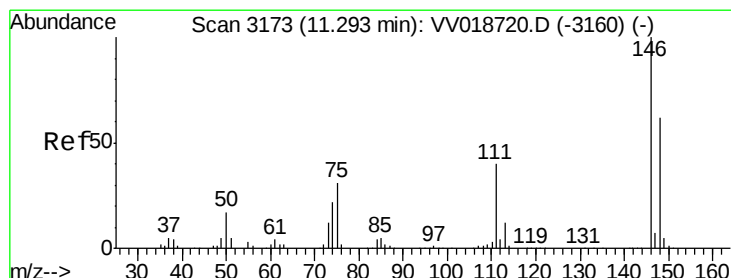
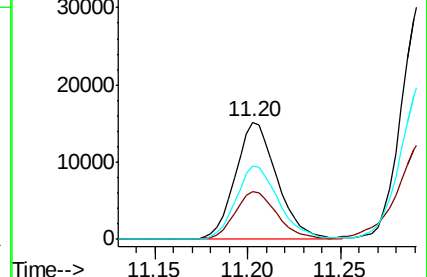
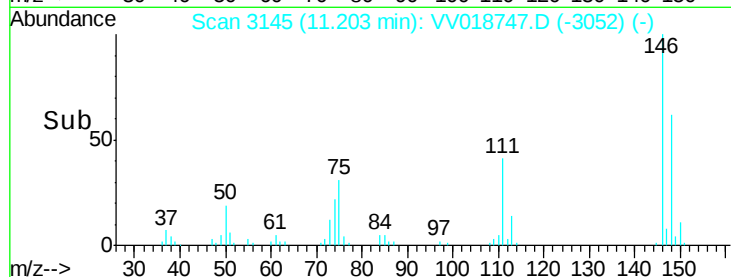
148 62.4 44.0 81.8



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



#63

1,4-Dichlorobenzene

Concen: 11.496 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.00 min

Lab File: VV018747.D

Acq: 07 Oct 2020 22:57

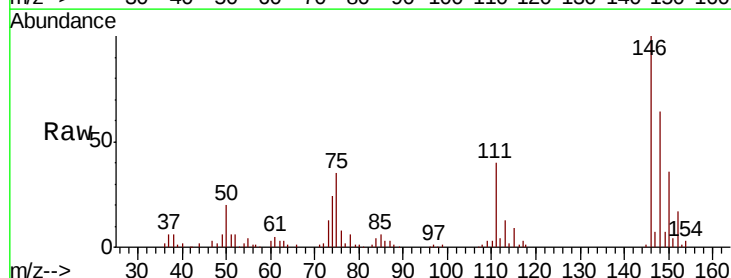
Tgt Ion:146 Resp: 50273

Ion Ratio Lower Upper

146 100

111 39.8 26.2 48.6

148 64.4 44.4 82.5



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

