

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV030920\
 Data File : VV014785.D
 Acq On : 09 Mar 2020 18:37
 Operator : SY/MD
 Sample : L1835-06
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0DH9

Quant Time: Mar 10 17:01:23 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	432127	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	416951	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	202185	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	115966	39.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.32%
7) Chloroethane-d5	1.58	69	96797	41.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.74%
11) 1,1-Dichloroethene-d2	2.12	63	151274	31.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.26%
21) 2-Butanone-d5	3.94	46	198463	90.99	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.99%
24) Chloroform-d	4.38	84	252283	45.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.12%
26) 1,2-Dichloroethane-d4	5.06	65	171983	45.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.46%
32) Benzene-d6	5.07	84	523587	47.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.12%
36) 1,2-Dichloropropane-d6	6.10	67	165394	45.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.66%
41) Toluene-d8	7.34	98	493060	45.73	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.46%
43) trans-1,3-Dichloropropene-	7.64	79	73021	40.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.98%
47) 2-Hexanone-d5	8.12	63	154963	95.65	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.65%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	225273	44.88	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.76%
64) 1,2-Dichlorobenzene-d4	11.64	152	193578	48.31	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.62%

Target Compounds

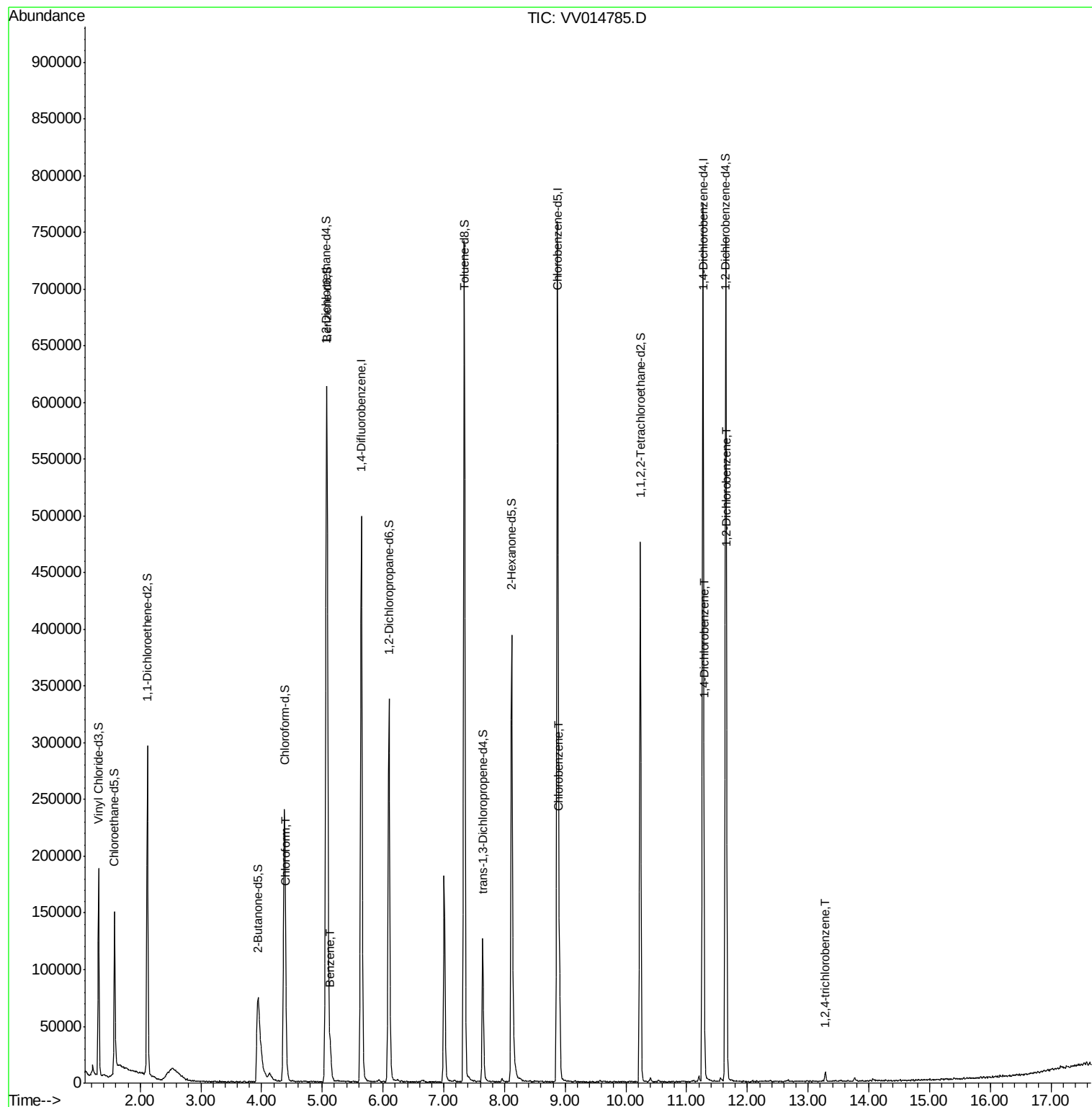
					Ovalue
25) Chloroform	4.41	83	5039	0.859 ug/L	# 75
33) Benzene	5.13	78	32844	2.719 ug/L	100
51) Chlorobenzene	8.90	112	57306	6.684 ug/L	97
63) 1,4-Dichlorobenzene	11.29	146	13192	2.003 ug/L	95
65) 1,2-Dichlorobenzene	11.67	146	10455	1.606 ug/L	98
68) 1,2,4-trichlorobenzene	13.29	180	2801	0.603 ug/L	94

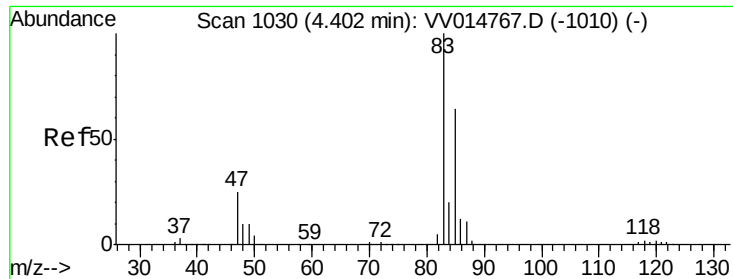
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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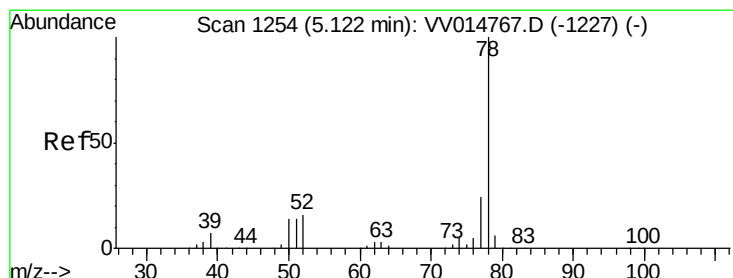
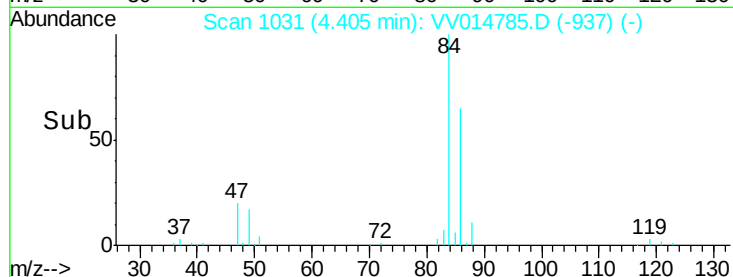
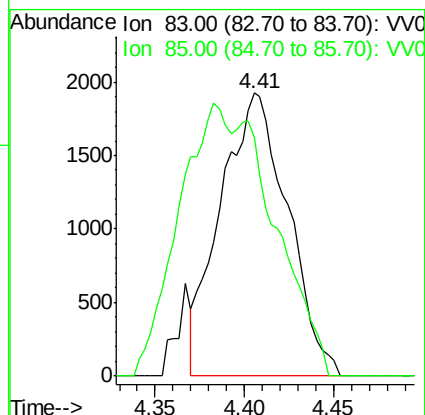
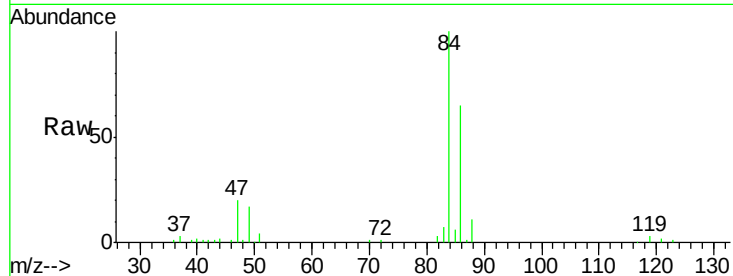




#25
Chloroform
Concen: 0.859 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VV014785.D
Acq: 09 Mar 2020 18:37

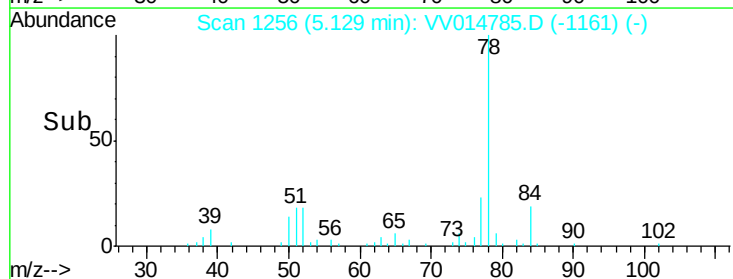
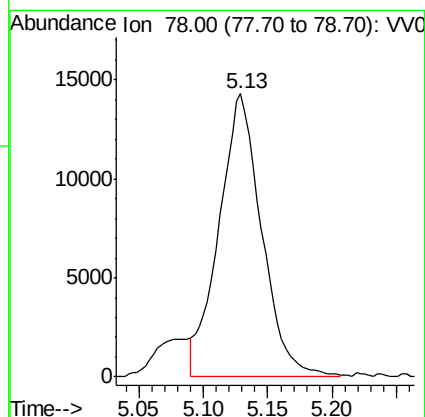
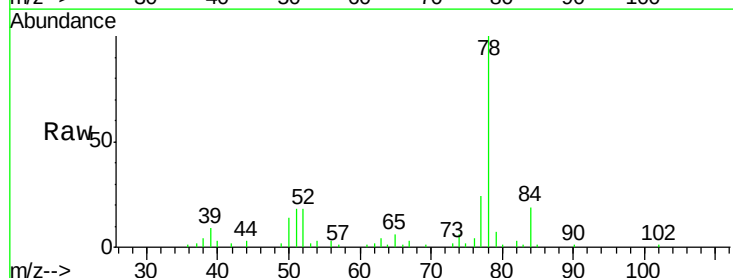
Instrument :
MSVOA_V
ClientSampleId :
C0DH9

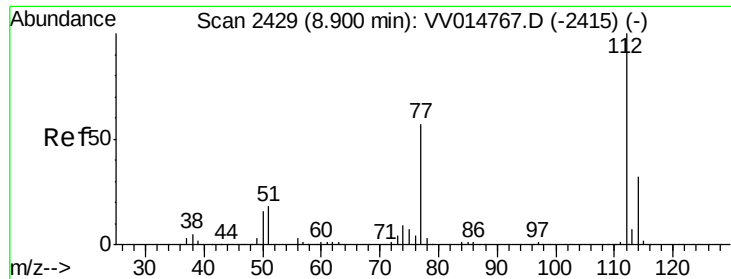
Tot Ion: 83 Resp: 5039
Ion Ratio Lower Upper
83 100
85 84.3 45.1 83.9#



#33
Benzene
Concen: 2.719 ug/L
RT: 5.13 min Scan# 1256
Delta R.T. 0.01 min
Lab File: VV014785.D
Acq: 09 Mar 2020 18:37

Tgt Ion: 78 Resp: 32844





#51

Chlorobenzene

Concen: 6.684 ug/L

RT: 8.90 min Scan# 2430

Delta R.T. 0.00 min

Lab File: VV014785.D

Acq: 09 Mar 2020 18:37

Instrument :

MSVOA_V

ClientSampleId :

C0DH9

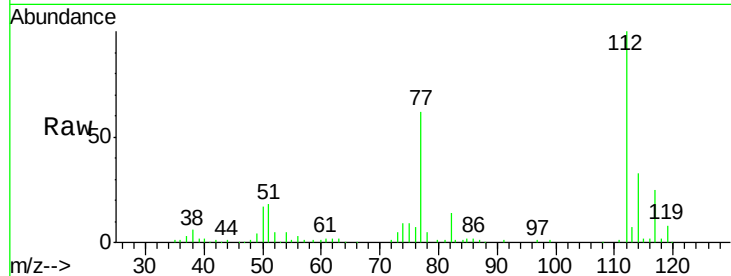
Tot Ion:112 Resp: 57306

Ion Ratio Lower Upper

112 100

114 33.2 22.1 41.1

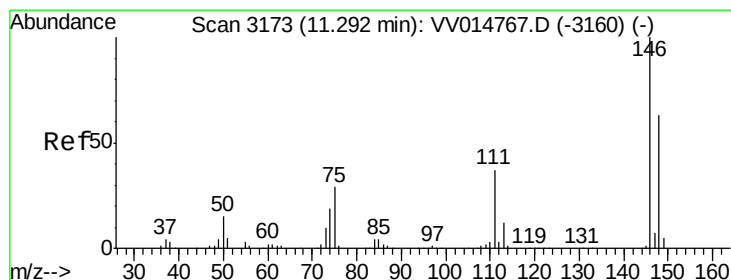
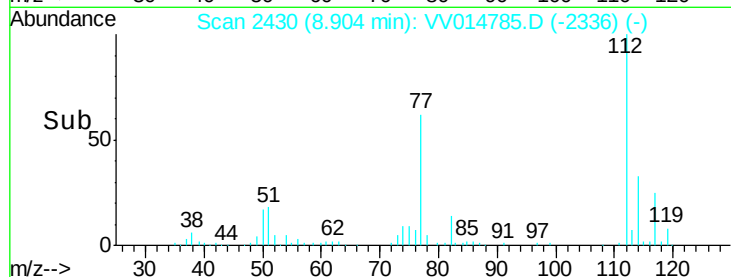
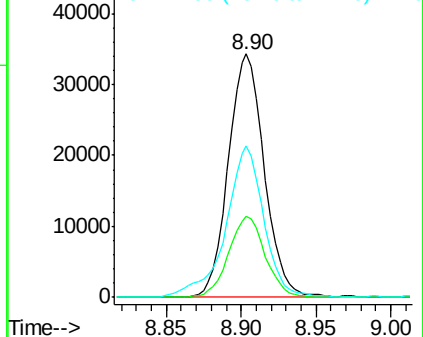
77 62.4 47.8 71.8



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): V



#63

1,4-Dichlorobenzene

Concen: 2.003 ug/L

RT: 11.29 min Scan# 3173

Delta R.T. 0.00 min

Lab File: VV014785.D

Acq: 09 Mar 2020 18:37

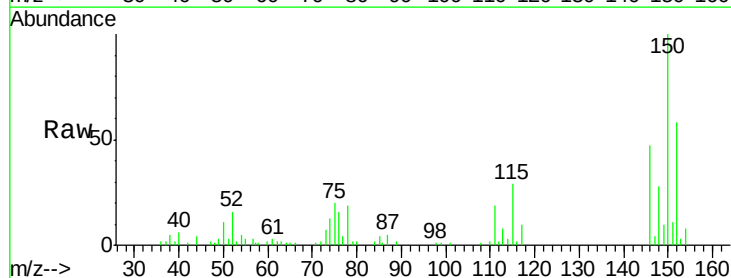
Tgt Ion:146 Resp: 13192

Ion Ratio Lower Upper

146 100

111 41.0 26.3 48.9

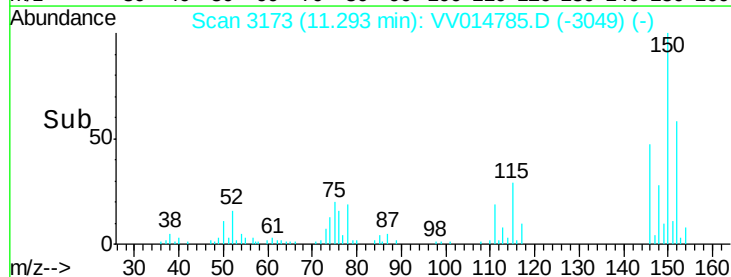
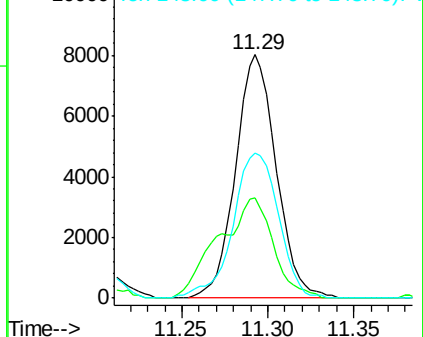
148 59.3 44.0 81.8

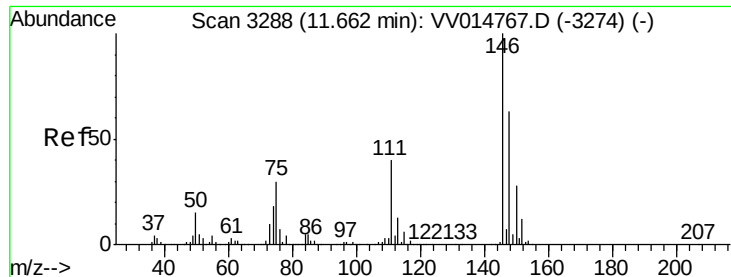


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#65

1,2-Dichlorobenzene

Concen: 1.606 ug/L

RT: 11.67 min Scan# 3289

Delta R.T. 0.00 min

Lab File: VV014785.D

Acq: 09 Mar 2020 18:37

Instrument :

MSVOA_V

ClientSampled :

C0DH9

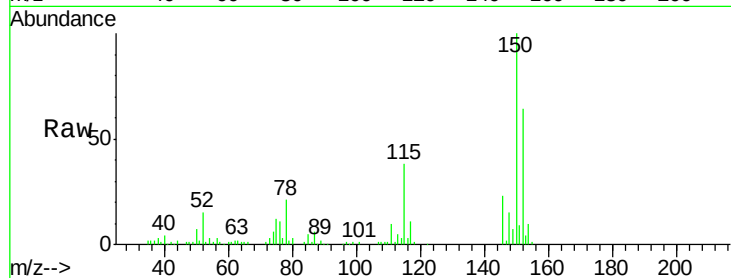
Tot Ion:146 Resp: 10455

Ion Ratio Lower Upper

146 100

111 44.7 33.9 50.9

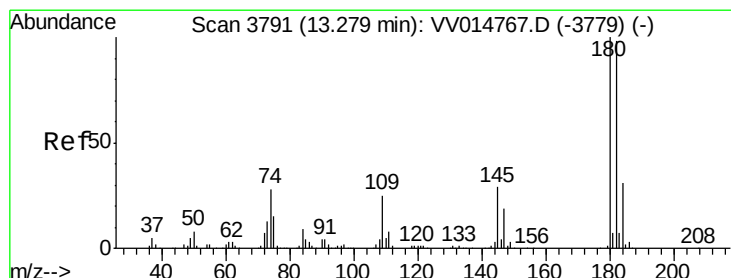
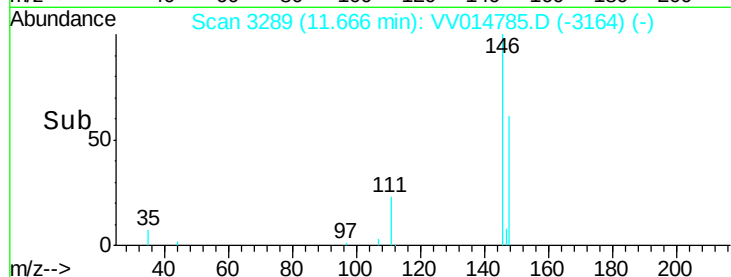
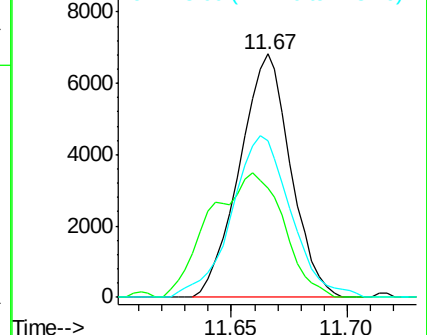
148 64.5 51.4 77.0



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



#68

1,2,4-trichlorobenzene

Concen: 0.603 ug/L

RT: 13.29 min Scan# 3793

Delta R.T. 0.01 min

Lab File: VV014785.D

Acq: 09 Mar 2020 18:37

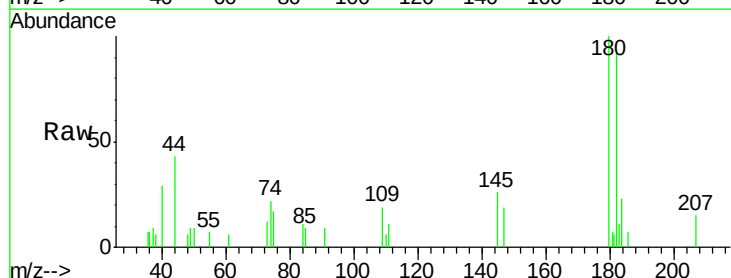
Tgt Ion:180 Resp: 2801

Ion Ratio Lower Upper

180 100

182 89.4 76.6 114.8

145 27.9 23.4 35.0



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

