

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032620\
 Data File : VV015177.D
 Acq On : 26 Mar 2020 20:11
 Operator : SY/MD
 Sample : L1941-13RE
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0DC4RE

Quant Time: Mar 27 04:58:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032620WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 27 03:08:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	658830	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	623080	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	270622	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	154243	43.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.28%
7) Chloroethane-d5	1.58	69	150986	42.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.74%
11) 1,1-Dichloroethene-d2	2.12	63	245941	30.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.02%
21) 2-Butanone-d5	3.94	46	233210	66.26	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	66.26%
24) Chloroform-d	4.38	84	286045	36.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	73.84%
26) 1,2-Dichloroethane-d4	5.06	65	189622	37.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	74.16%
32) Benzene-d6	5.08	84	559418	43.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.30%
36) 1,2-Dichloropropane-d6	6.10	67	183988	39.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	79.60%
41) Toluene-d8	7.34	98	514377	44.29	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.58%
43) trans-1,3-Dichloropropene-	7.64	79	95480	37.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.84%
47) 2-Hexanone-d5	8.12	63	182365	67.46	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	67.46%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	269005	34.26	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	68.52%
64) 1,2-Dichlorobenzene-d4	11.65	152	195006	38.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	77.18%#

Target Compounds

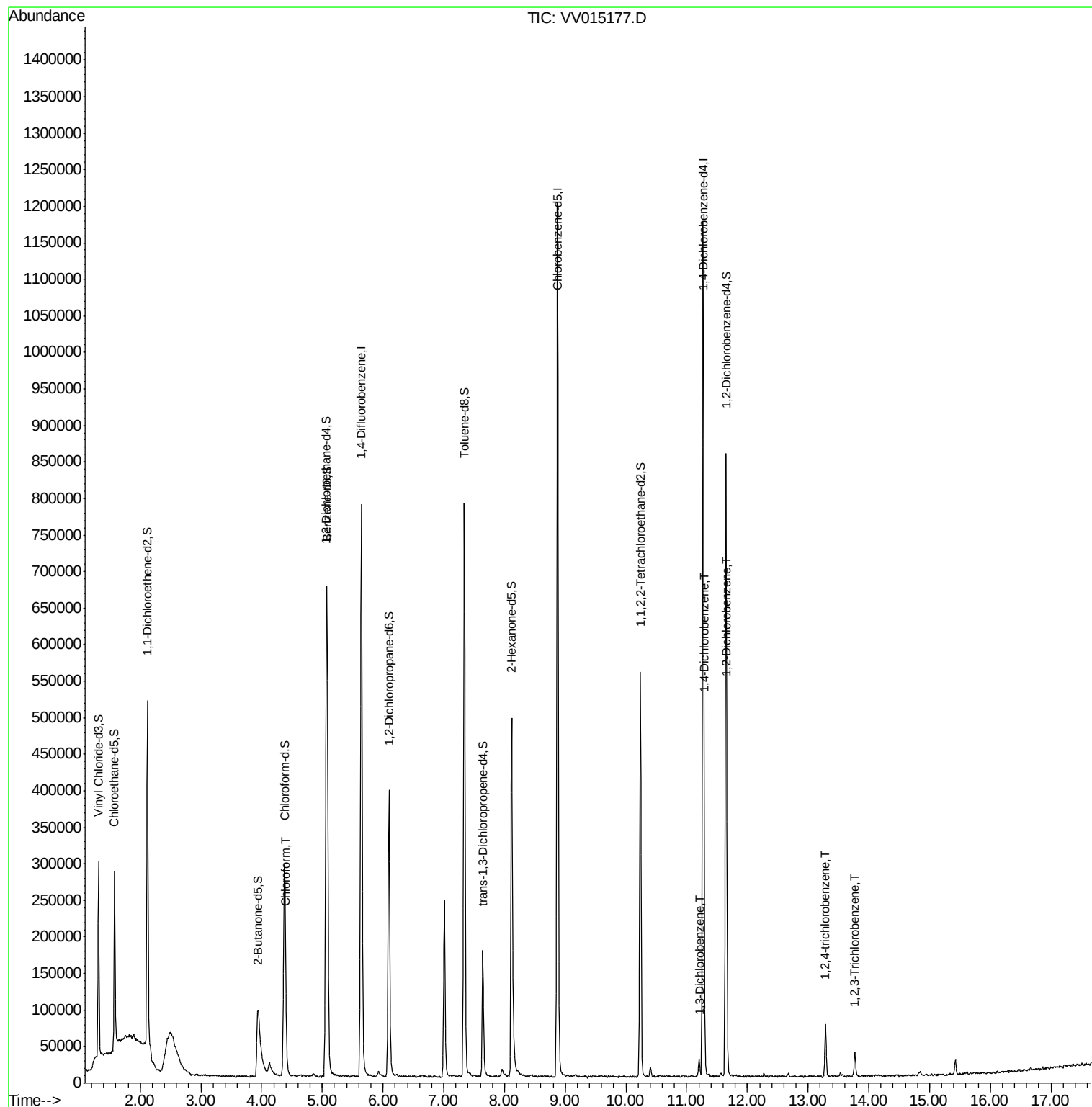
					Ovalue
25) Chloroform	4.41	83	12852	1.463 ug/L	95
62) 1,3-Dichlorobenzene	11.21	146	7652	0.843 ug/L	96
63) 1,4-Dichlorobenzene	11.30	146	17718	1.933 ug/L	91
65) 1,2-Dichlorobenzene	11.67	146	11815	1.284 ug/L #	93
68) 1,2,4-trichlorobenzene	13.29	180	18740	3.384 ug/L	97
70) 1,2,3-Trichlorobenzene	13.77	180	7550	1.362 ug/L	87

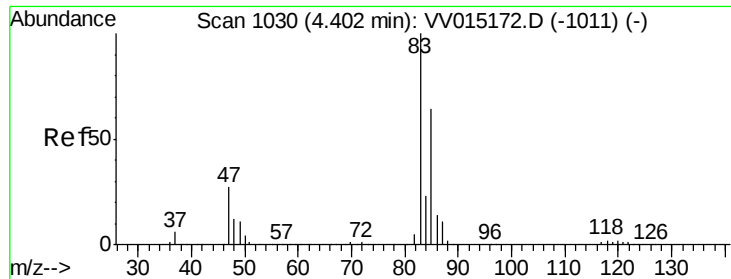
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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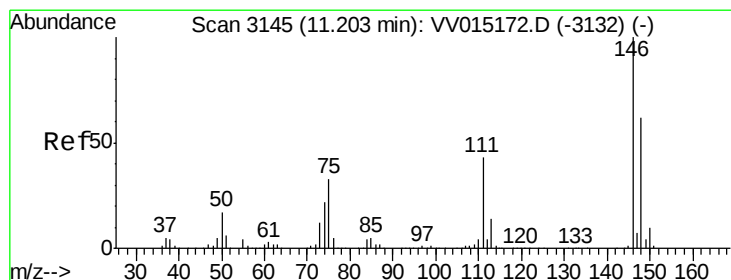
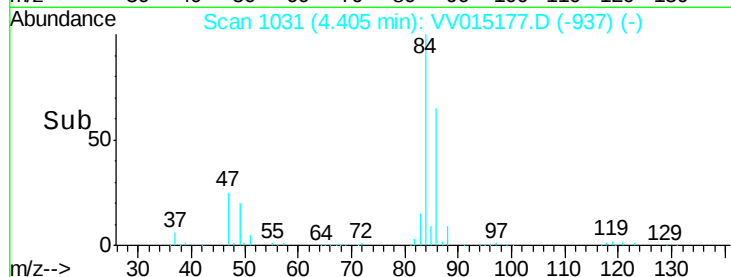
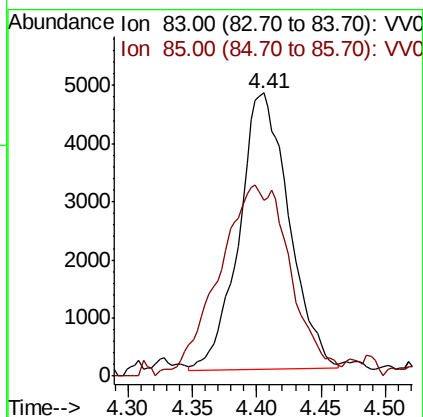
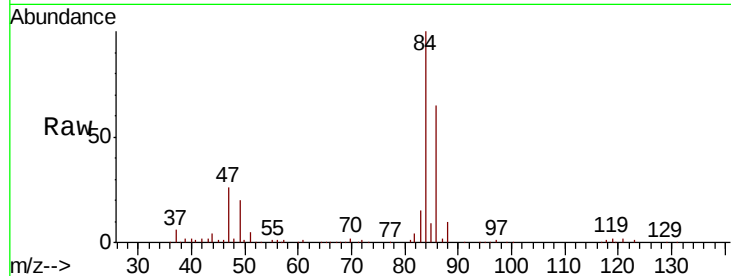




#25
Chloroform
Concen: 1.463 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VV015177.D
Acq: 26 Mar 2020 20:11

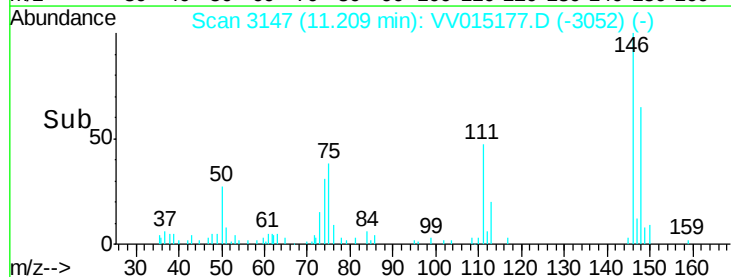
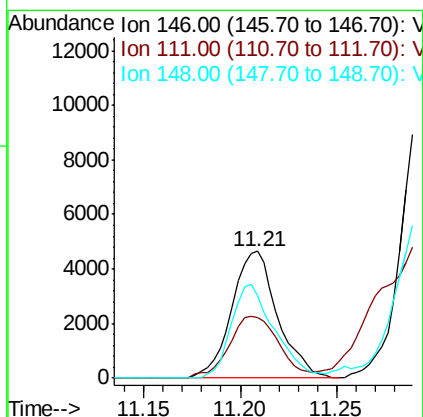
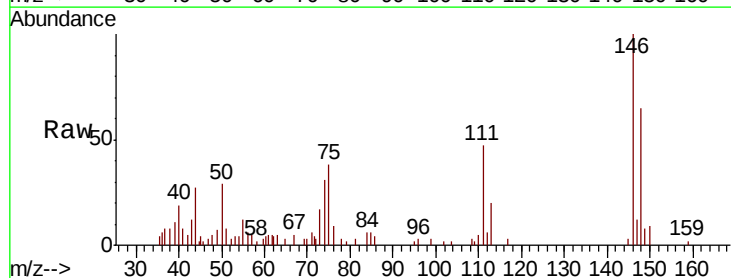
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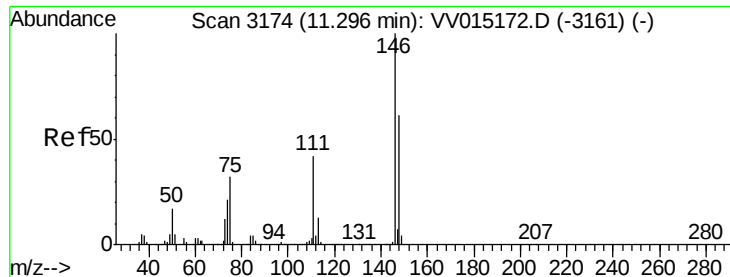
Tot Ion: 83 Resp: 12852
Ion Ratio Lower Upper
83 100
85 62.0 46.2 85.8



#62
1,3-Dichlorobenzene
Concen: 0.843 ug/L
RT: 11.21 min Scan# 3147
Delta R.T. 0.01 min
Lab File: VV015177.D
Acq: 26 Mar 2020 20:11

Tgt Ion: 146 Resp: 7652
Ion Ratio Lower Upper
146 100
111 47.5 30.5 56.7
148 64.8 44.0 81.6

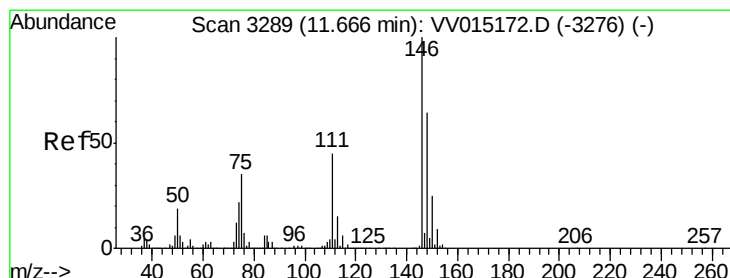
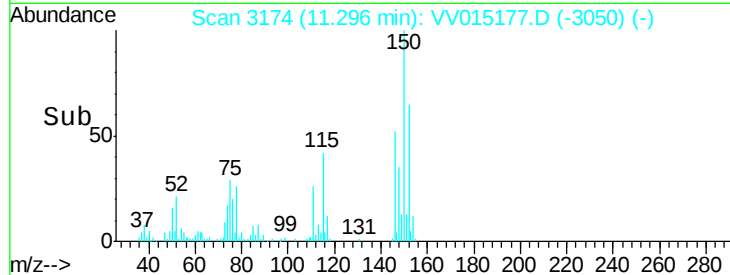
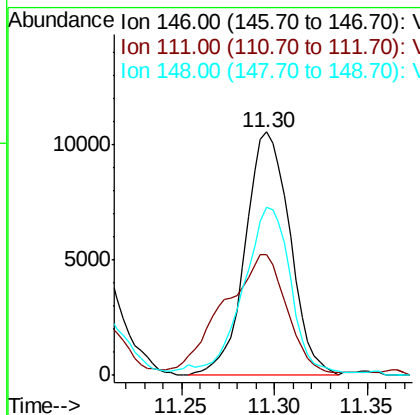
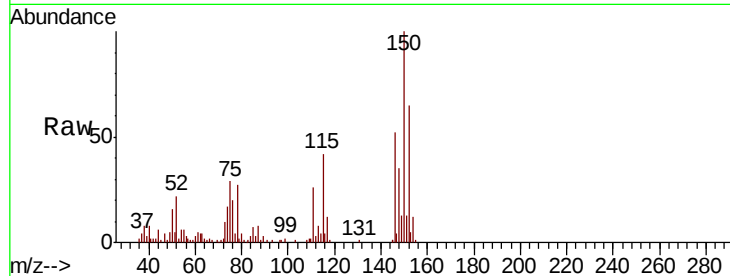




#63
 1,4-Dichlorobenzene
 Concen: 1.933 ug/L
 RT: 11.30 min Scan# 3174
 Delta R.T. -0.00 min
 Lab File: VV015177.D
 Acq: 26 Mar 2020 20:11

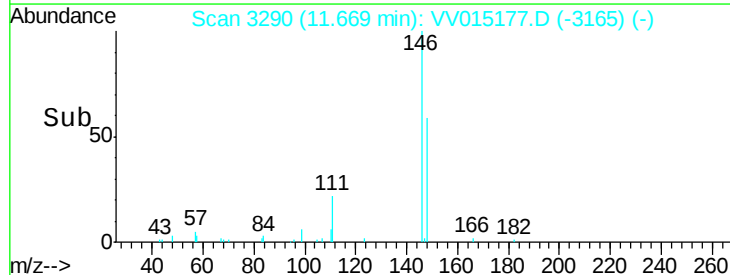
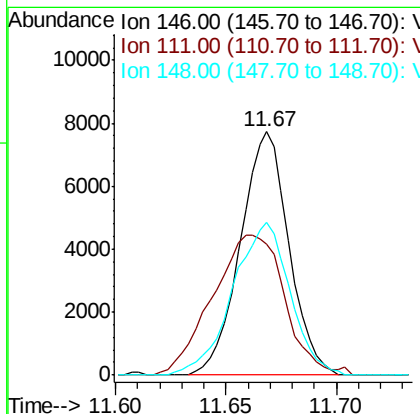
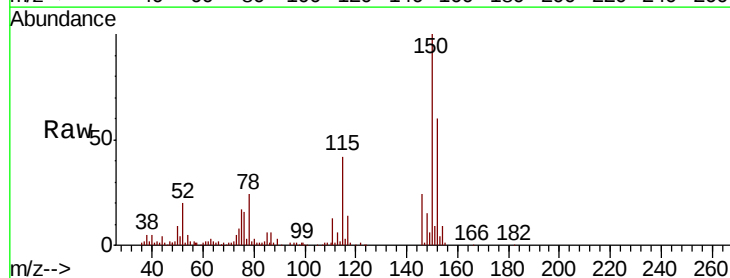
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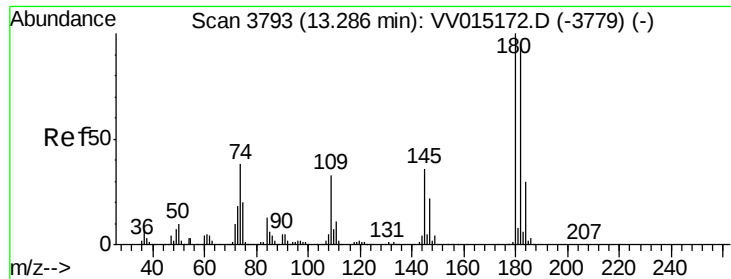
Tot Ion:146 Resp: 17718
 Ion Ratio Lower Upper
 146 100
 111 49.6 29.2 54.2
 148 68.8 44.8 83.2



#65
 1,2-Dichlorobenzene
 Concen: 1.284 ug/L
 RT: 11.67 min Scan# 3290
 Delta R.T. 0.00 min
 Lab File: VV015177.D
 Acq: 26 Mar 2020 20:11

Tgt Ion:146 Resp: 11815
 Ion Ratio Lower Upper
 146 100
 111 54.1 35.4 53.2#
 148 62.6 49.7 74.5





#68

1,2,4-trichlorobenzene

Concen: 3.384 ug/L

RT: 13.29 min Scan# 3794

Delta R.T. 0.00 min

Lab File: VV015177.D

Acq: 26 Mar 2020 20:11

Instrument :

MSVOA_V

ClientSampleId :

C0DC4RE

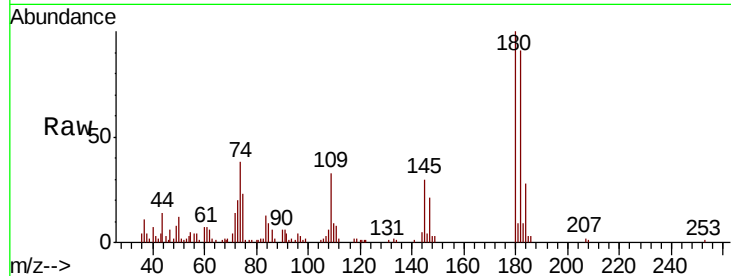
Tot Ion:180 Resp: 18740

Ion Ratio Lower Upper

180 100

182 91.2 75.2 112.8

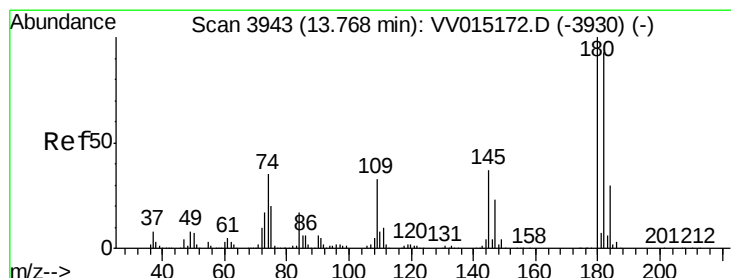
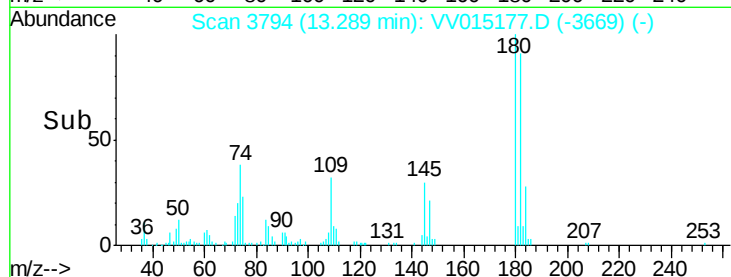
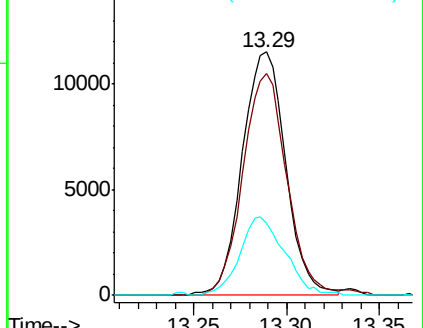
145 33.0 27.5 41.3



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



#70

1,2,3-Trichlorobenzene

Concen: 1.362 ug/L

RT: 13.77 min Scan# 3944

Delta R.T. 0.00 min

Lab File: VV015177.D

Acq: 26 Mar 2020 20:11

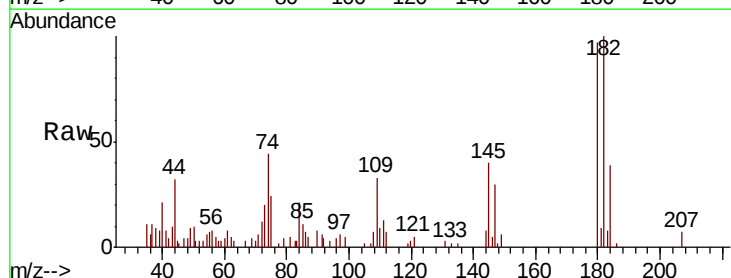
Tgt Ion:180 Resp: 7550

Ion Ratio Lower Upper

180 100

182 106.8 74.6 112.0

145 44.4 29.9 44.9



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

