

Data File : VV014994.D
Acq On : 17 Mar 2020 23:58
Operator : SY/MD
Sample : L1940-09
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0D97

Quant Time: Mar 18 07:45:34 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031620WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 18 07:43:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	324079	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	313392	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	152507	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	73754	34.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	68.32%
7) Chloroethane-d5	1.58	69	64070	39.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.90%
11) 1,1-Dichloroethene-d2	2.12	63	96892	29.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.50%#
21) 2-Butanone-d5	3.94	46	83282	63.26	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	63.26%
24) Chloroform-d	4.38	84	196107	43.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.20%
26) 1,2-Dichloroethane-d4	5.06	65	128565	45.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.22%
32) Benzene-d6	5.08	84	389324	45.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.18%
36) 1,2-Dichloropropane-d6	6.10	67	116587	45.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.70%
41) Toluene-d8	7.34	98	376950	44.15	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.30%
43) trans-1,3-Dichloropropene-	7.64	79	58586	42.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.72%
47) 2-Hexanone-d5	8.12	63	109075	93.99	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.99%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	176116	46.79	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.58%
64) 1,2-Dichlorobenzene-d4	11.65	152	166782	49.92	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.84%

Target Compounds

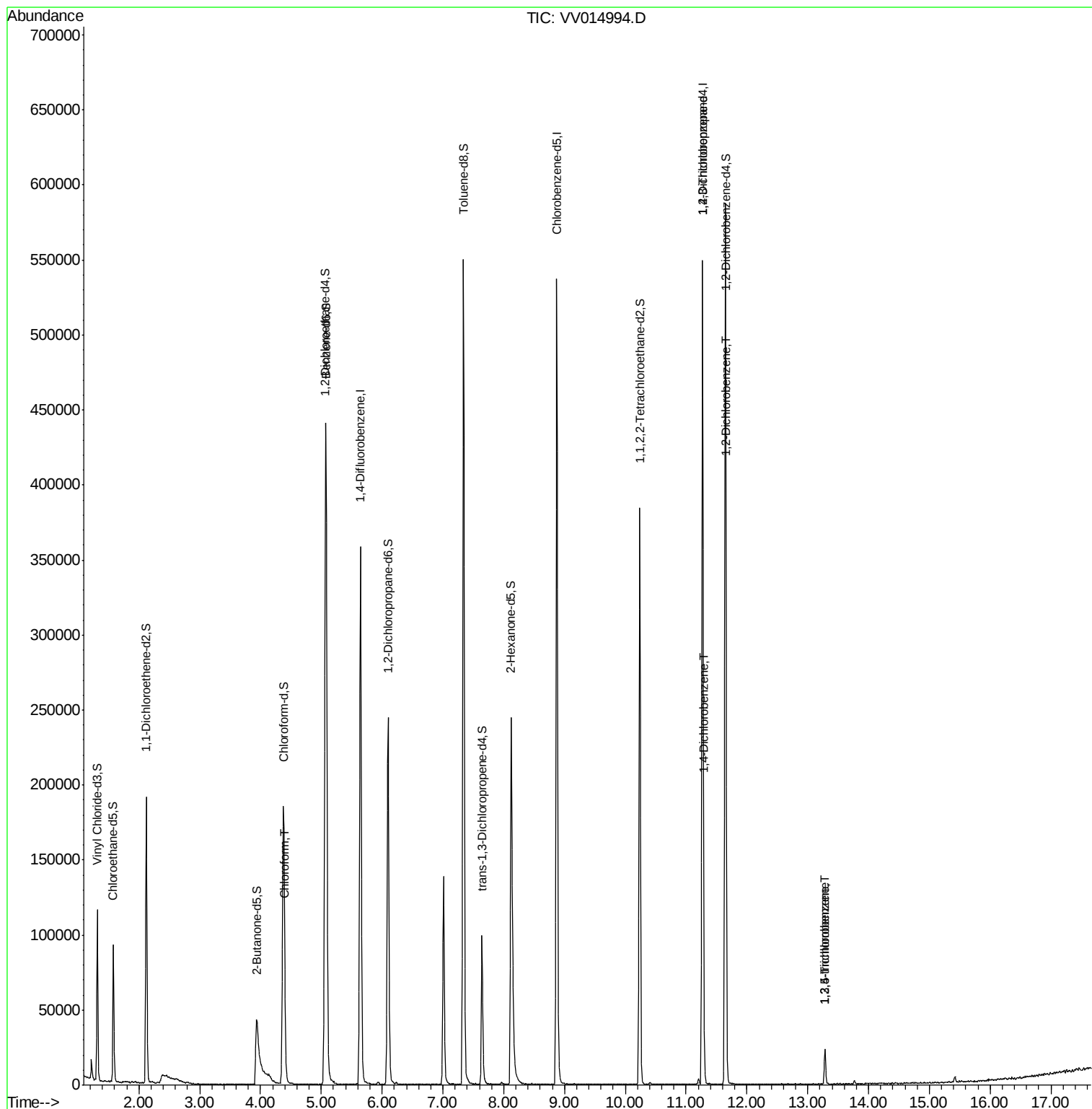
					Qvalue
25) Chloroform	4.41	83	2979	0.702 ug/L	89
59) 1,2,3-Trichloropropane	11.27	75	16273	5.554 ug/L	98
63) 1,4-Dichlorobenzene	11.30	146	8024	1.585 ug/L	88
65) 1,2-Dichlorobenzene	11.67	146	5754	1.146 ug/L #	94
67) 1,3,5-Trichlorobenzene	13.28	180	8331	2.114 ug/L	95
68) 1,2,4-trichlorobenzene	13.28	180	8331	2.372 ug/L	94

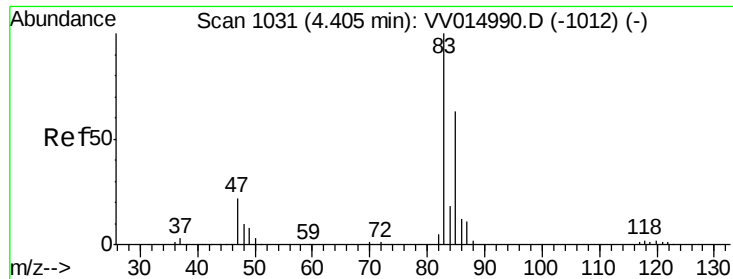
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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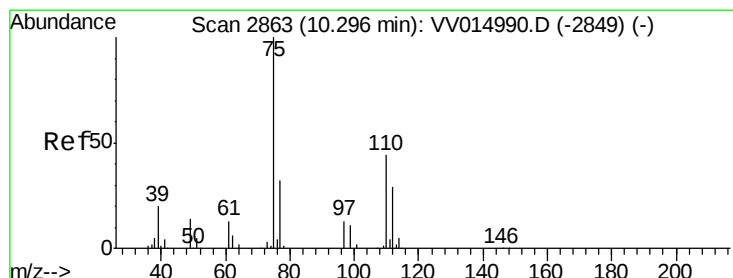
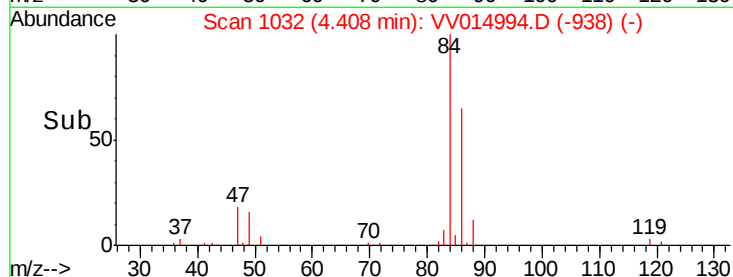
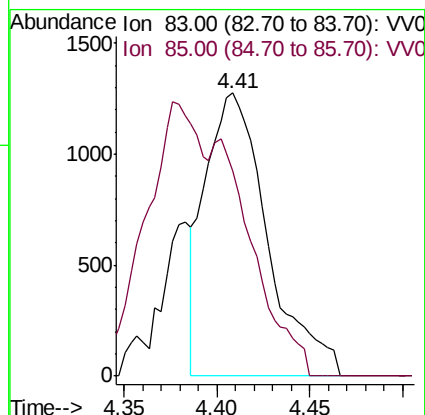
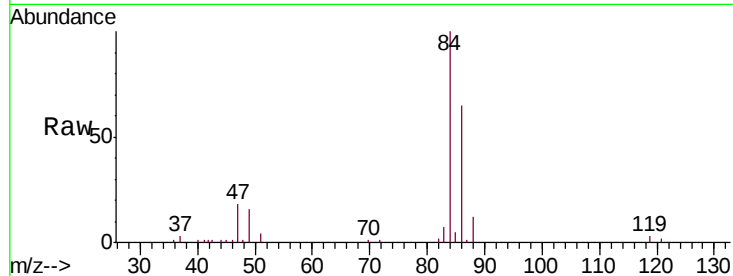




#25
Chloroform
Concen: 0.702 ug/L
RT: 4.41 min Scan# 1032
Delta R.T. 0.00 min
Lab File: VV014994.D
Acq: 17 Mar 2020 23:58

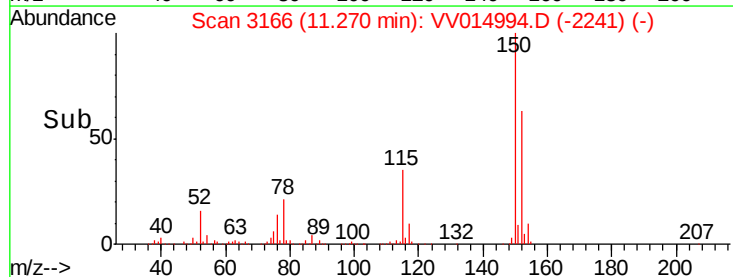
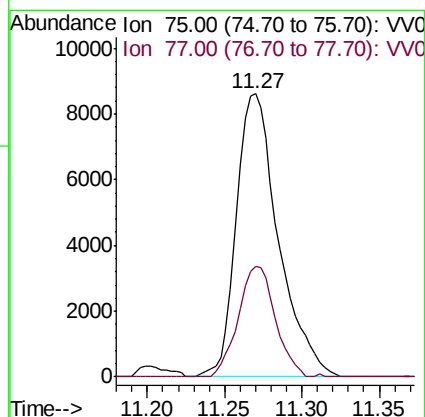
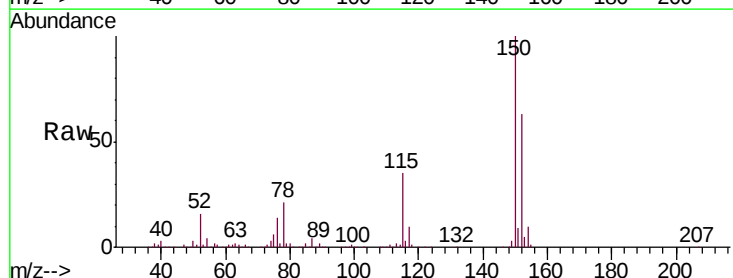
Instrument :
MSVOA_V
ClientSampled :
C0D97

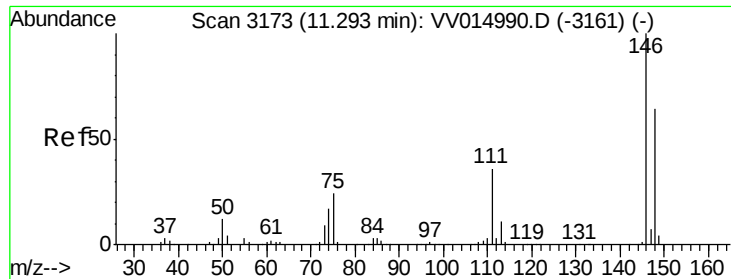
Tgt Ion: 83 Resp: 2979
Ion Ratio Lower Upper
83 100
85 72.3 44.6 82.8



#59
1,2,3-Trichloropropane
Concen: 5.554 ug/L
RT: 11.27 min Scan# 3166
Delta R.T. 0.97 min
Lab File: VV014994.D
Acq: 17 Mar 2020 23:58

Tgt Ion: 75 Resp: 16273
Ion Ratio Lower Upper
75 100
77 34.3 26.6 40.0





#63

1,4-Dichlorobenzene

Concen: 1.585 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.00 min

Lab File: VV014994.D

Acq: 17 Mar 2020 23:58

Instrument :

MSVOA_V

ClientSampleId :

C0D97

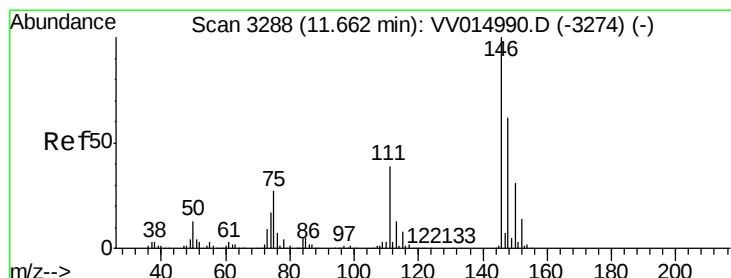
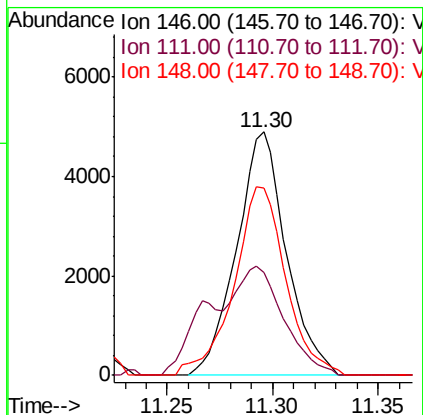
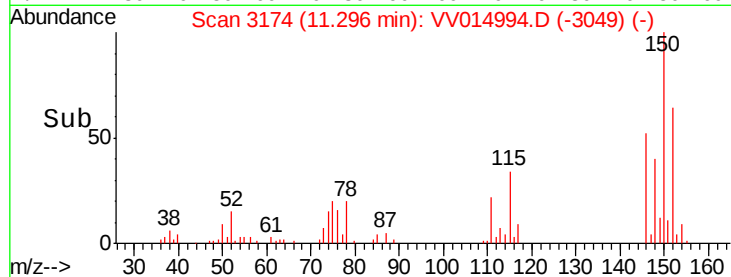
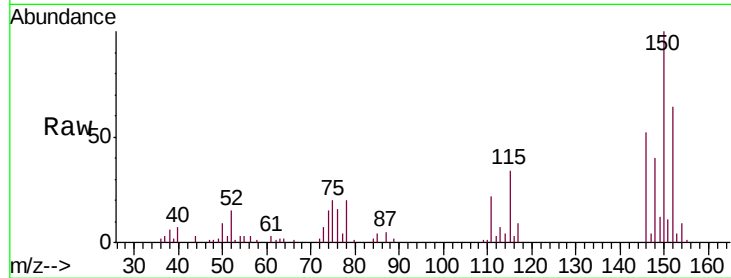
Tgt Ion:146 Resp: 8024

Ion Ratio Lower Upper

146 100

111 42.2 26.0 48.2

148 76.8 46.1 85.5



#65

1,2-Dichlorobenzene

Concen: 1.146 ug/L

RT: 11.67 min Scan# 3289

Delta R.T. 0.00 min

Lab File: VV014994.D

Acq: 17 Mar 2020 23:58

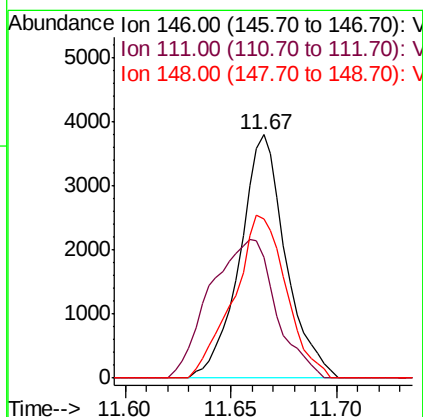
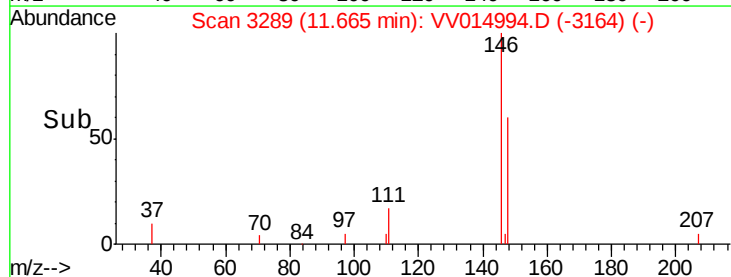
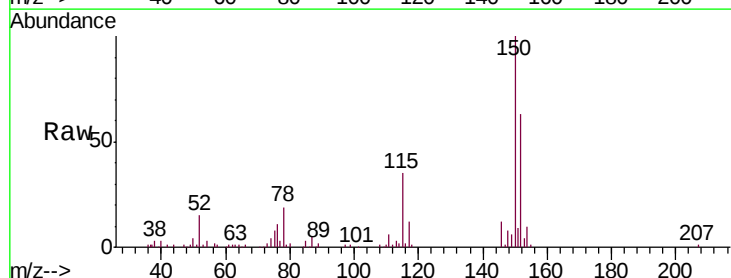
Tgt Ion:146 Resp: 5754

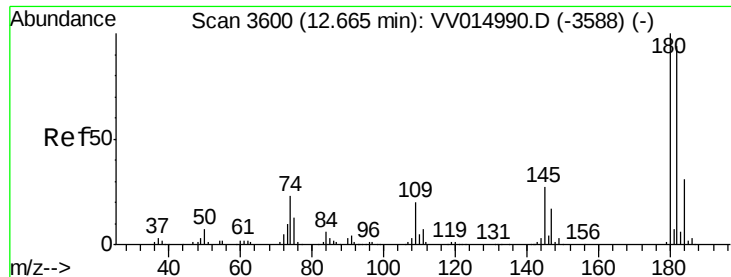
Ion Ratio Lower Upper

146 100

111 49.6 31.6 47.4#

148 65.4 52.2 78.4

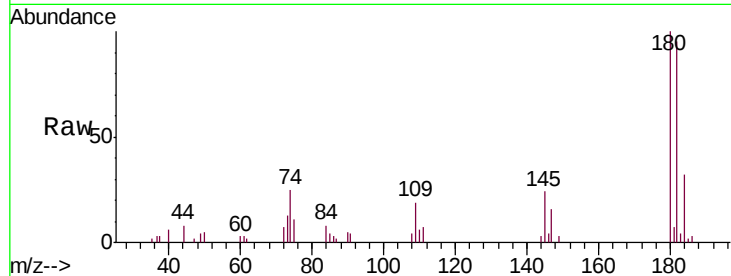




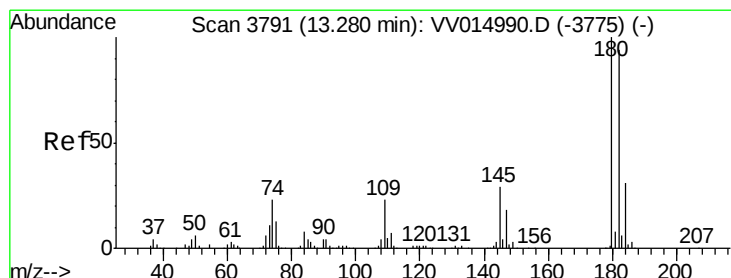
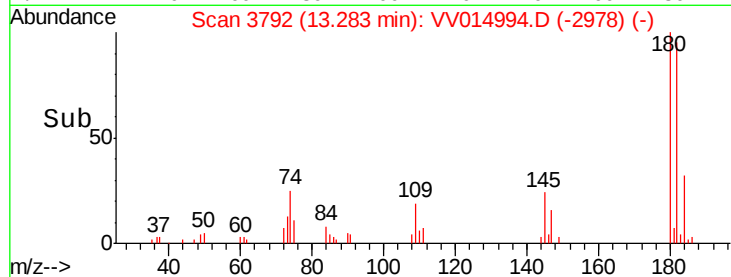
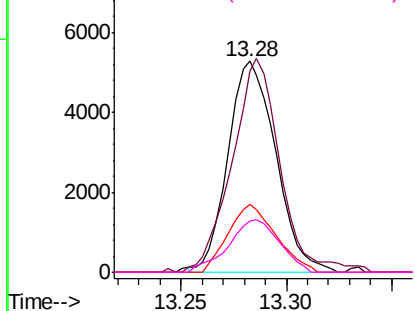
#67
 1,3,5-Trichlorobenzene
 Concen: 2.114 ug/L
 RT: 13.28 min Scan# 3792
 Delta R.T. 0.62 min
 Lab File: VV014994.D
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 C0D97

Tgt Ion:180 Resp: 8331
 Ion Ratio Lower Upper
 180 100
 182 101.3 75.7 113.5
 184 31.8 24.2 36.4
 145 26.4 22.0 33.0

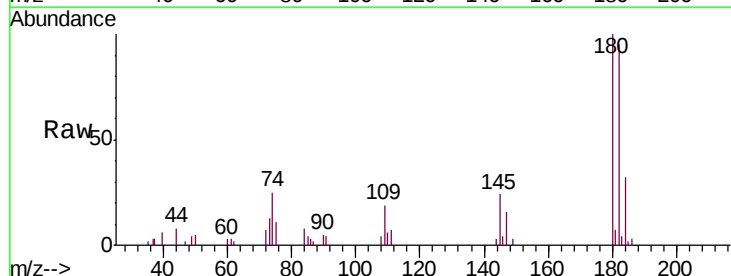


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V



#68
 1,2,4-trichlorobenzene
 Concen: 2.372 ug/L
 RT: 13.28 min Scan# 3792
 Delta R.T. 0.00 min
 Lab File: VV014994.D
 Acq: 17 Mar 2020 23:58

Tgt Ion:180 Resp: 8331
 Ion Ratio Lower Upper
 180 100
 182 101.3 76.3 114.5
 145 26.4 23.1 34.7



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

