

Data File : VV015004.D
Acq On : 18 Mar 2020 03:59
Operator : SY/MD
Sample : L1890-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0DG8

Quant Time: Mar 18 07:47:59 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	306987	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	297076	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	145836	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	66899	32.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	65.42%
7) Chloroethane-d5	1.58	69	58281	38.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	76.74%
11) 1,1-Dichloroethene-d2	2.12	63	91332	29.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.22%#
21) 2-Butanone-d5	3.94	46	108953	87.37	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.37%
24) Chloroform-d	4.38	84	185812	43.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.22%
26) 1,2-Dichloroethane-d4	5.06	65	123124	45.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.22%
32) Benzene-d6	5.08	84	376288	45.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.96%
36) 1,2-Dichloropropane-d6	6.10	67	111335	45.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.36%
41) Toluene-d8	7.34	98	359814	44.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.90%
43) trans-1,3-Dichloropropene-	7.64	79	53272	41.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.24%
47) 2-Hexanone-d5	8.12	63	105247	95.67	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.67%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	170651	47.83	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.66%
64) 1,2-Dichlorobenzene-d4	11.65	152	160165	50.14	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.28%

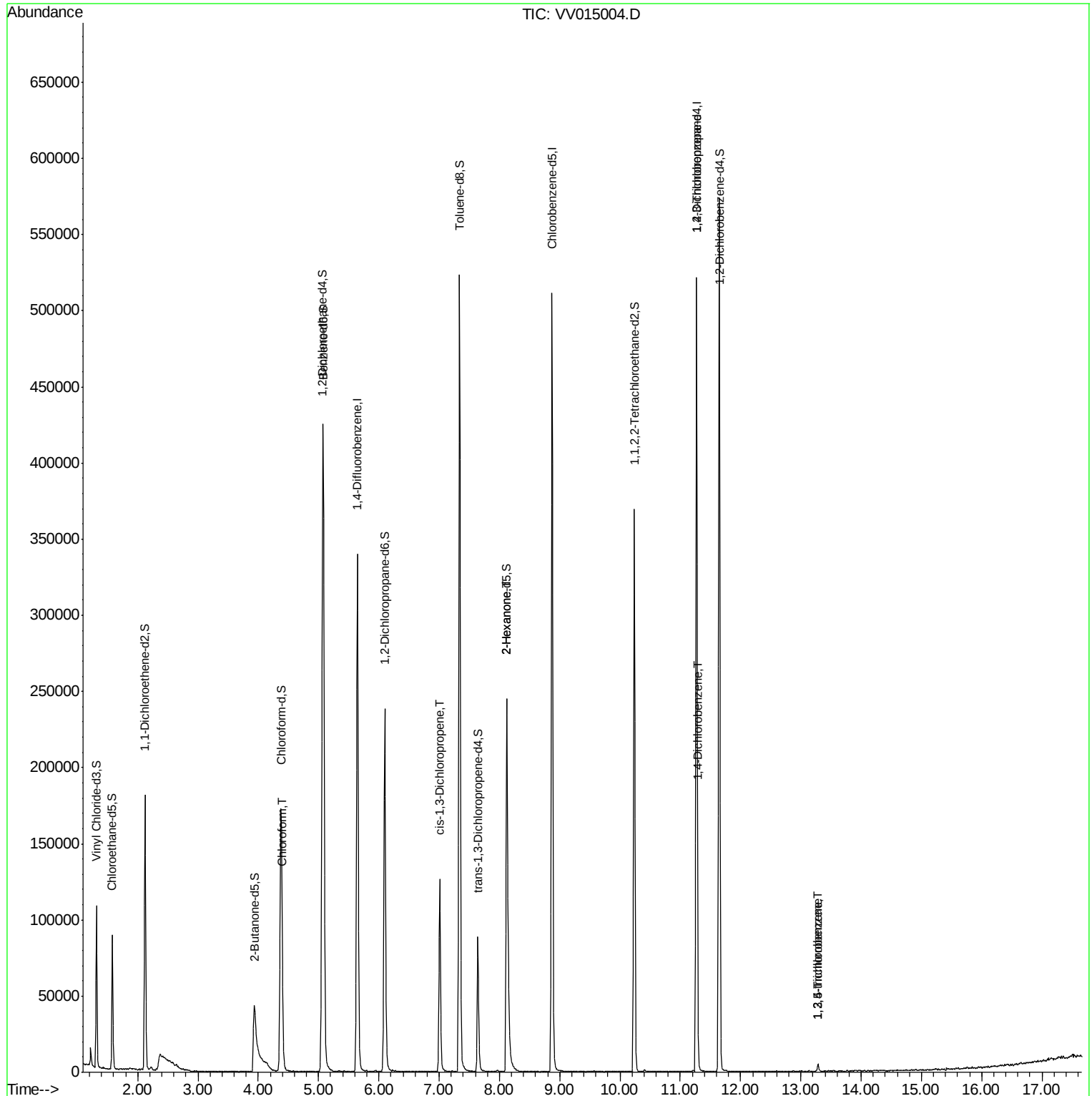
Target Compounds

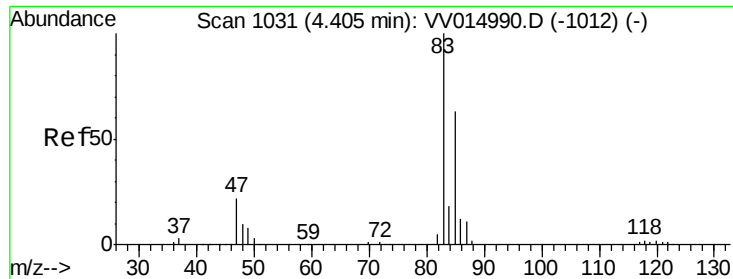
					Qvalue
25) Chloroform	4.41	83	5870	1.460 ug/L	98
39) cis-1,3-Dichloropropene	7.01	75	3099	0.931 ug/L #	67
48) 2-Hexanone	8.12	43	11897	5.497 ug/L #	77
59) 1,2,3-Trichloropropane	11.27	75	14306	5.151 ug/L #	88
63) 1,4-Dichlorobenzene	11.30	146	2955	0.610 ug/L	91
67) 1,3,5-Trichlorobenzene	13.29	180	2059	0.546 ug/L #	87
68) 1,2,4-trichlorobenzene	13.29	180	2059	0.613 ug/L #	87

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

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MSVOA_V
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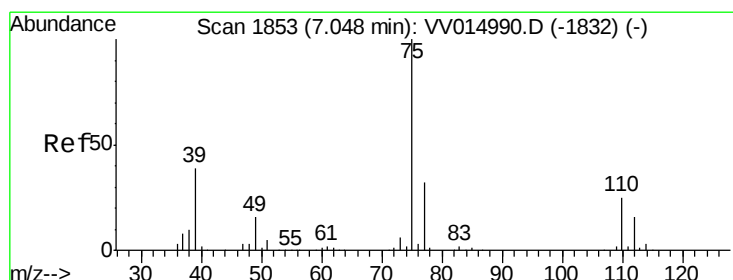
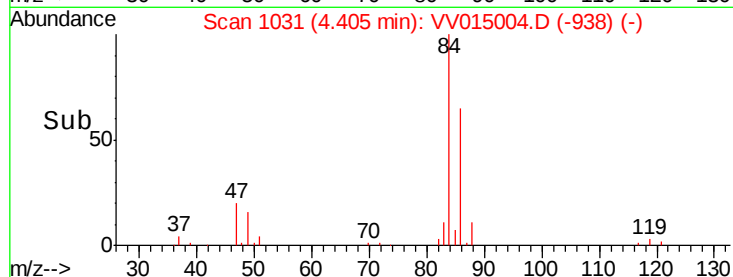
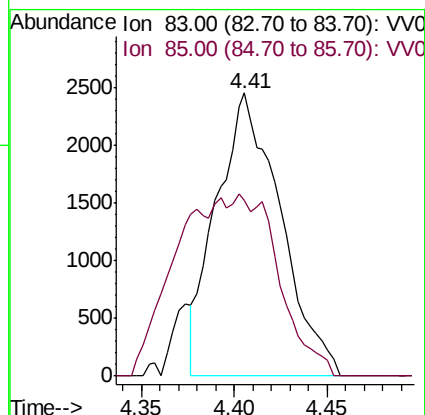
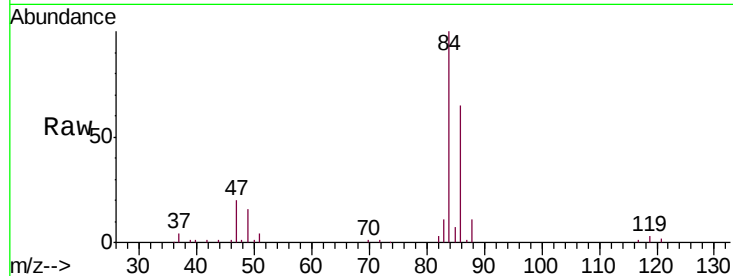




#25
Chloroform
Concen: 1.460 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VV015004.D
Acq: 18 Mar 2020 03:59

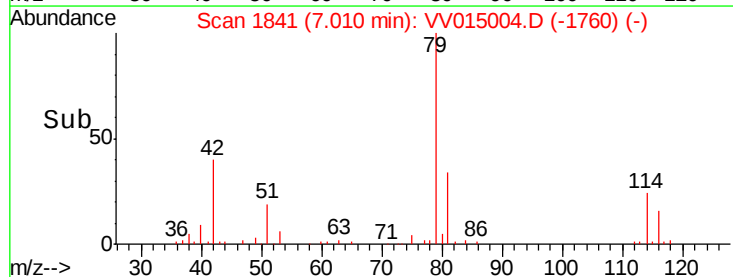
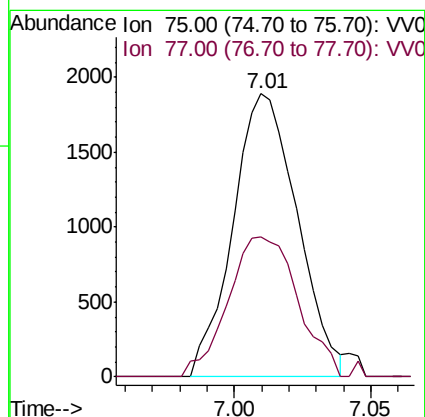
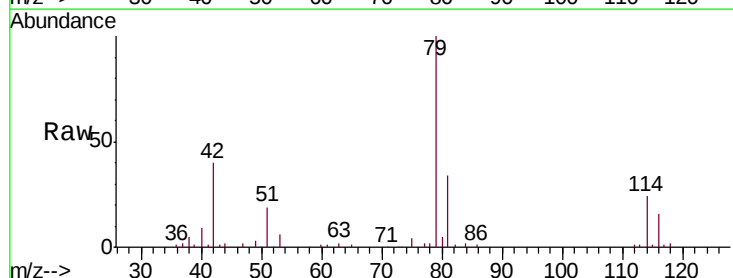
Instrument :
MSVOA_V
ClientSampled :
C0DG8

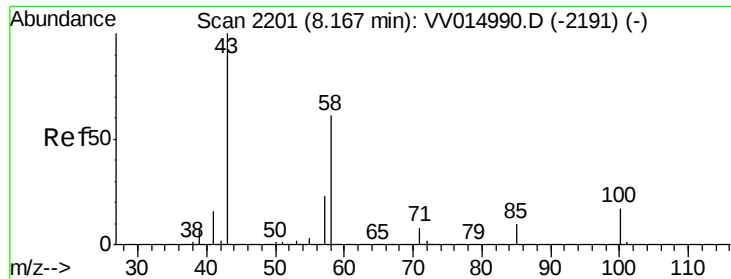
Tgt Ion: 83 Resp: 5870
Ion Ratio Lower Upper
83 100
85 62.1 44.6 82.8



#39
cis-1,3-Dichloropropene
Concen: 0.931 ug/L
RT: 7.01 min Scan# 1841
Delta R.T. -0.04 min
Lab File: VV015004.D
Acq: 18 Mar 2020 03:59

Tgt Ion: 75 Resp: 3099
Ion Ratio Lower Upper
75 100
77 49.4 21.8 40.6#

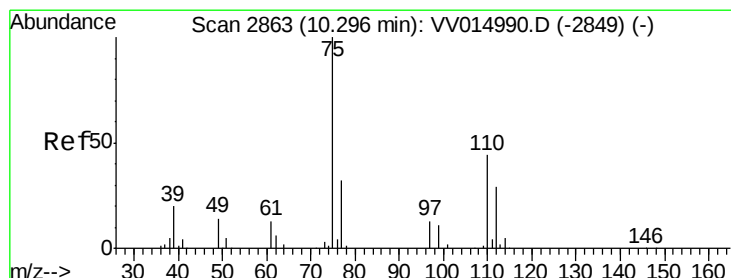
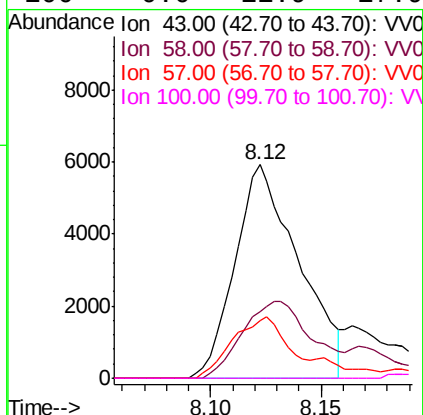
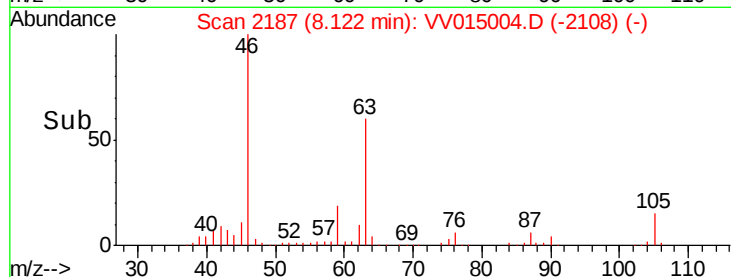
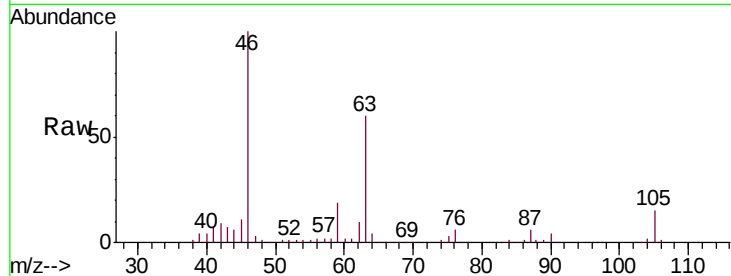




#48
2-Hexanone
Concen: 5.497 ug/L
RT: 8.12 min Scan# 2187
Delta R.T. -0.04 min
Lab File: VV015004.D
Acq: 18 Mar 2020 03:59

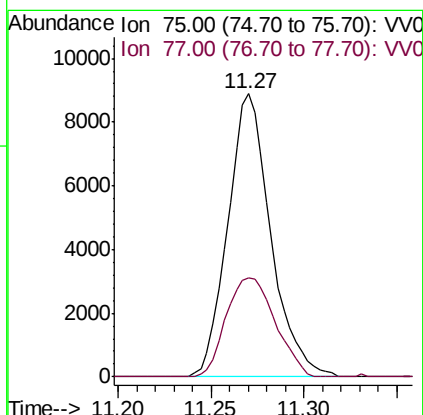
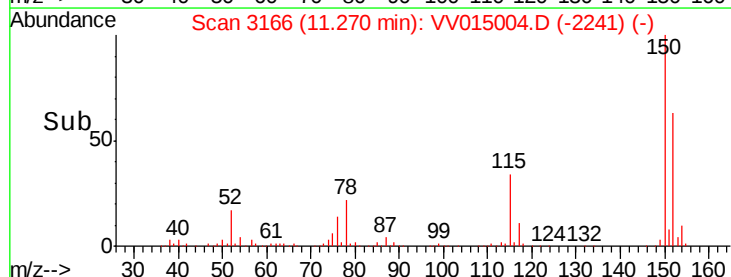
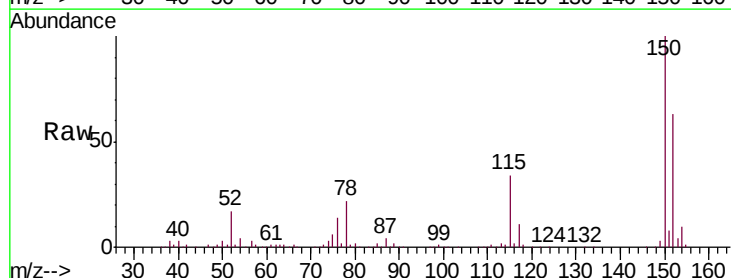
Instrument :
MSVOA_V
ClientSampleId :
C0DG8

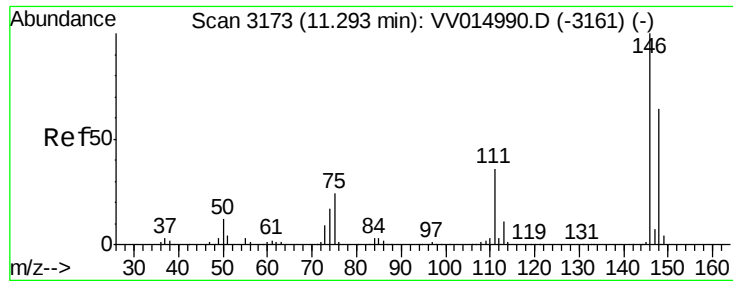
Tgt Ion: 43 Resp: 11897
Ion Ratio Lower Upper
43 100
58 39.9 46.9 70.3#
57 24.8 16.2 24.4#
100 0.0 11.9 17.9#



#59
1,2,3-Trichloropropane
Concen: 5.151 ug/L
RT: 11.27 min Scan# 3166
Delta R.T. 0.97 min
Lab File: VV015004.D
Acq: 18 Mar 2020 03:59

Tgt Ion: 75 Resp: 14306
Ion Ratio Lower Upper
75 100
77 40.0 26.6 40.0#





#63

1,4-Dichlorobenzene

Concen: 0.610 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.00 min

Lab File: VV015004.D

Acq: 18 Mar 2020 03:59

Instrument :

MSVOA_V

ClientSampled :

C0DG8

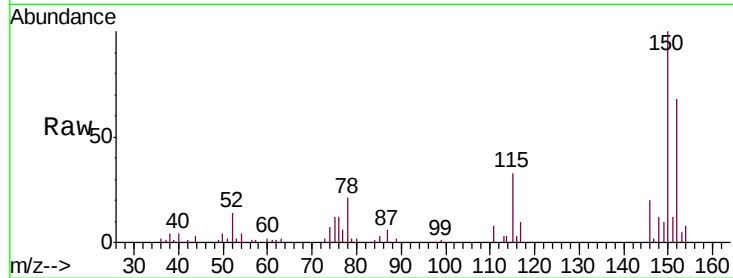
Tgt Ion:146 Resp: 2955

Ion Ratio Lower Upper

146 100

111 40.8 26.0 48.2

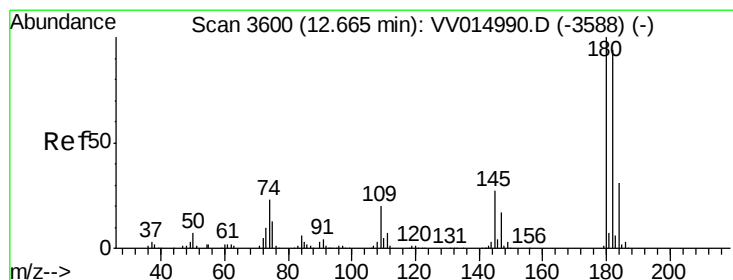
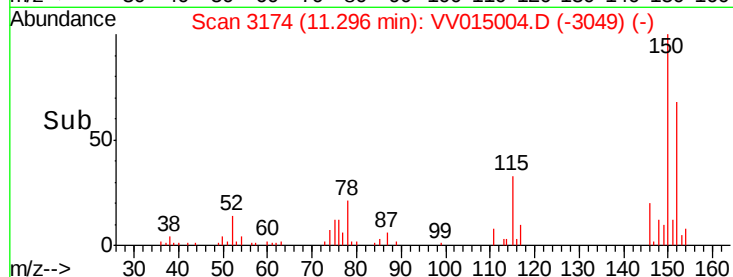
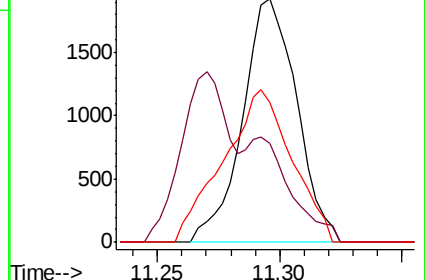
148 57.4 46.1 85.5



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



#67

1,3,5-Trichlorobenzene

Concen: 0.546 ug/L

RT: 13.29 min Scan# 3793

Delta R.T. 0.62 min

Lab File: VV015004.D

Acq: 18 Mar 2020 03:59

Tgt Ion:180 Resp: 2059

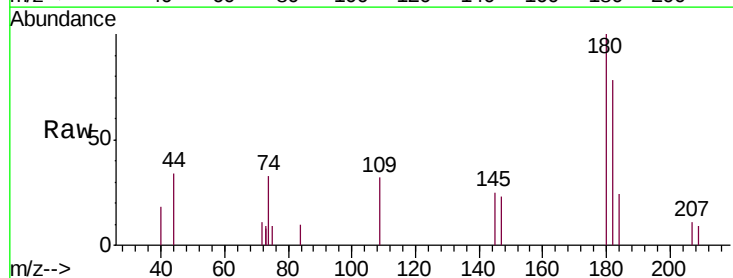
Ion Ratio Lower Upper

180 100

182 86.1 75.7 113.5

184 22.0 24.2 36.4#

145 15.6 22.0 33.0#

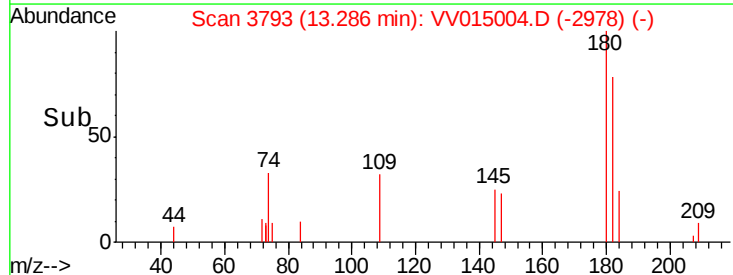
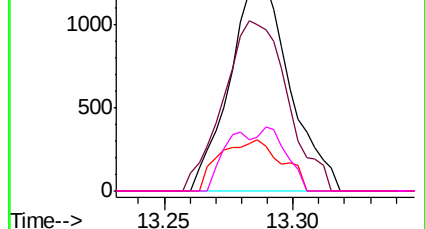


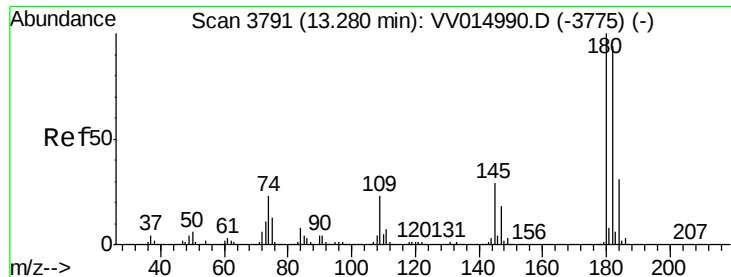
Abundance Ion 180.00 (179.70 to 180.70): V

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: 0.613 ug/L
 RT: 13.29 min Scan# 3793
 Delta R.T. 0.01 min
 Lab File: VV015004.D
 Acq: 18 Mar 2020 03:59

Instrument :
 MSVOA_V
 ClientSampleId :
 C0DG8

Tgt Ion:180 Resp: 2059
 Ion Ratio Lower Upper
 180 100
 182 86.1 76.3 114.5
 145 15.6 23.1 34.7#

