

Data File : VV014995.D
Acq On : 18 Mar 2020 00:22
Operator : SY/MD
Sample : L1940-10
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0D98

Quant Time: Mar 18 07:45:44 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	320417	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	313399	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	153838	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	73516	34.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	68.88%
7) Chloroethane-d5	1.58	69	62347	39.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	78.64%
11) 1,1-Dichloroethene-d2	2.12	63	97776	29.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.70%#
21) 2-Butanone-d5	3.94	46	90622	69.63	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	69.63%
24) Chloroform-d	4.38	84	193700	43.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.10%
26) 1,2-Dichloroethane-d4	5.06	65	132151	46.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.80%
32) Benzene-d6	5.08	84	390860	45.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.54%
36) 1,2-Dichloropropane-d6	6.10	67	118347	46.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.06%
41) Toluene-d8	7.34	98	373086	43.69	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.38%
43) trans-1,3-Dichloropropene-	7.64	79	56595	41.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.80%
47) 2-Hexanone-d5	8.12	63	110204	94.96	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.96%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	176264	46.83	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.66%
64) 1,2-Dichlorobenzene-d4	11.65	152	164241	48.74	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.48%

Target Compounds

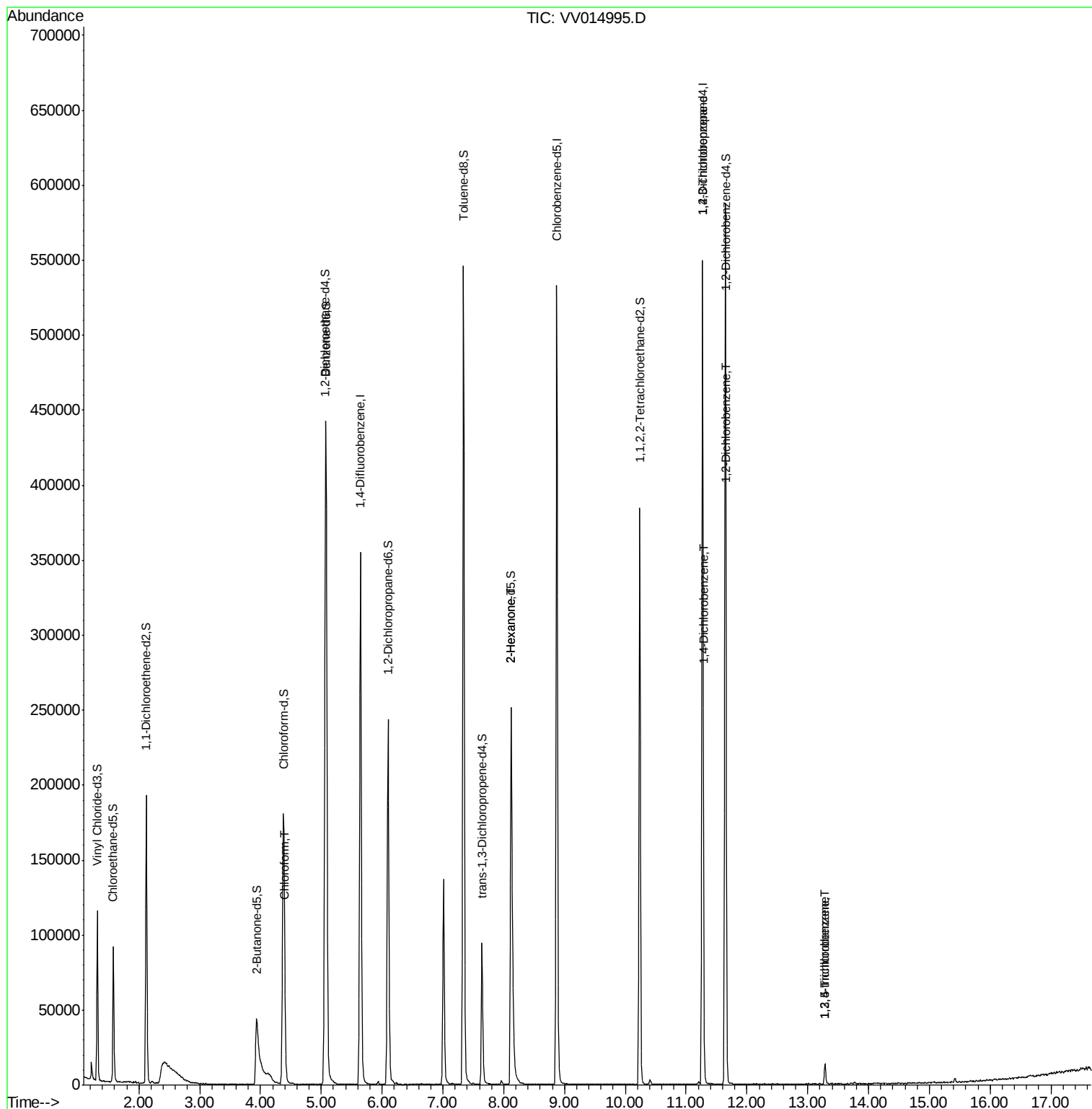
						Qvalue
25) Chloroform	4.41	83	6141	1.464	ug/L	98
48) 2-Hexanone	8.13	43	13909	6.092	ug/L #	78
59) 1,2,3-Trichloropropane	11.27	75	15779	5.385	ug/L	98
63) 1,4-Dichlorobenzene	11.29	146	5892	1.154	ug/L	90
65) 1,2-Dichlorobenzene	11.67	146	4335	0.856	ug/L #	94
67) 1,3,5-Trichlorobenzene	13.28	180	4940	1.243	ug/L	94
68) 1,2,4-trichlorobenzene	13.28	180	4940	1.394	ug/L	96

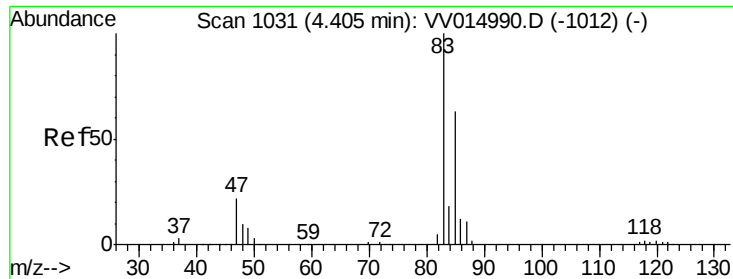
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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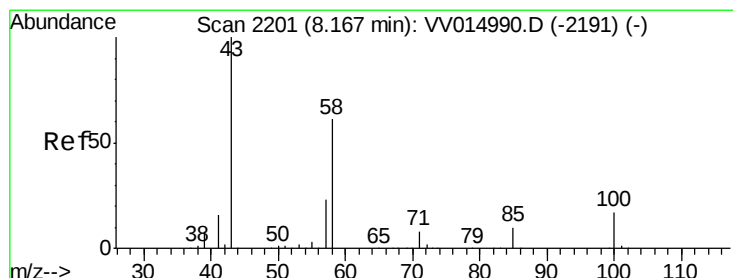
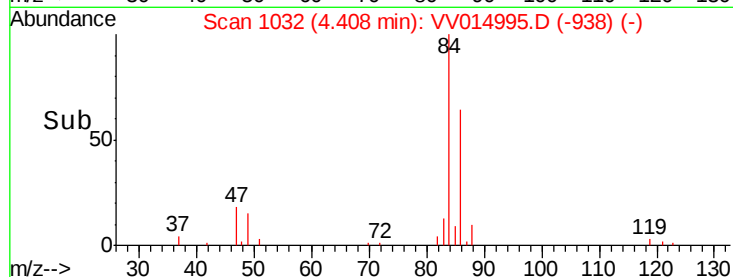
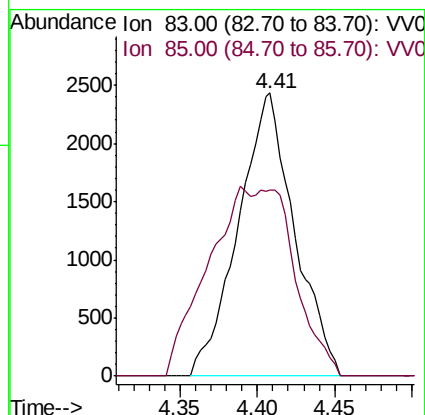
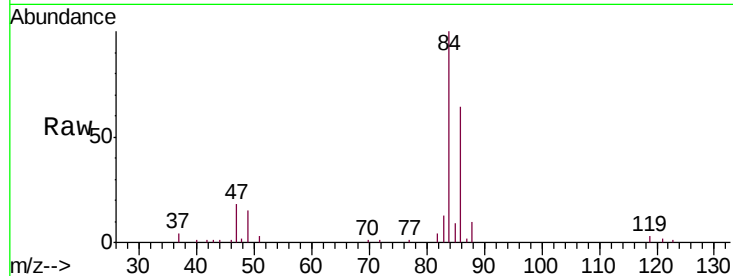




#25
Chloroform
Concen: 1.464 ug/L
RT: 4.41 min Scan# 1032
Delta R.T. 0.00 min
Lab File: VV014995.D
Acq: 18 Mar 2020 00:22

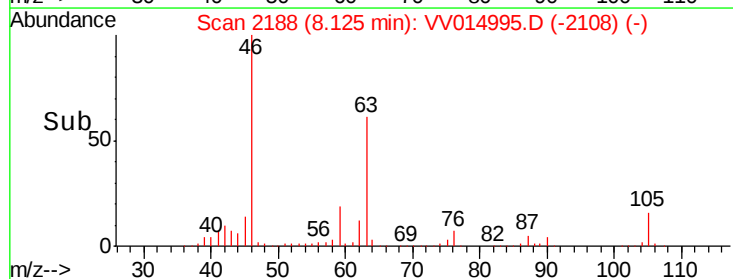
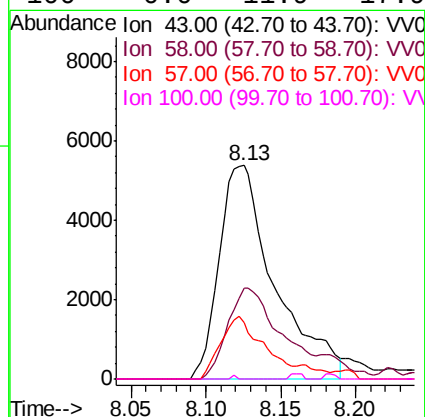
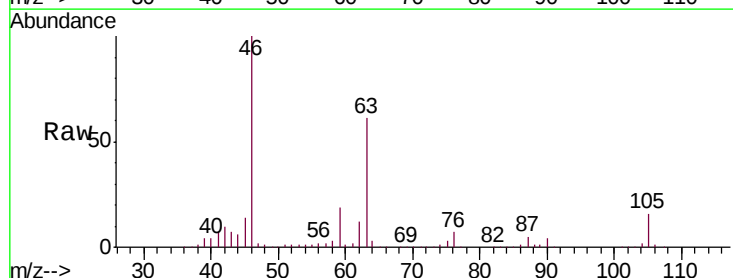
Instrument :
MSVOA_V
ClientSampled :
C0D98

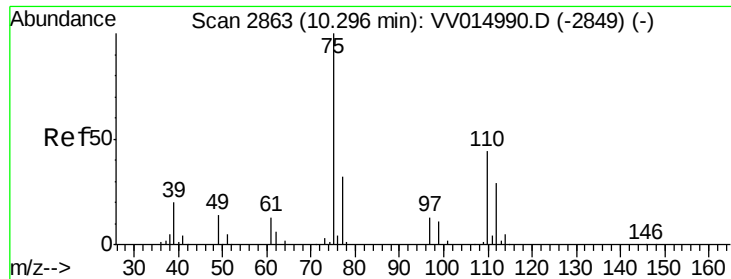
Tgt Ion: 83 Resp: 6141
Ion Ratio Lower Upper
83 100
85 65.6 44.6 82.8



#48
2-Hexanone
Concen: 6.092 ug/L
RT: 8.13 min Scan# 2188
Delta R.T. -0.04 min
Lab File: VV014995.D
Acq: 18 Mar 2020 00:22

Tgt Ion: 43 Resp: 13909
Ion Ratio Lower Upper
43 100
58 40.6 46.9 70.3#
57 22.5 16.2 24.4
100 0.0 11.9 17.9#





#59

1,2,3-Trichloropropane

Concen: 5.385 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.97 min

Lab File: VV014995.D

Acq: 18 Mar 2020 00:22

Instrument :

MSVOA_V

ClientSampled :

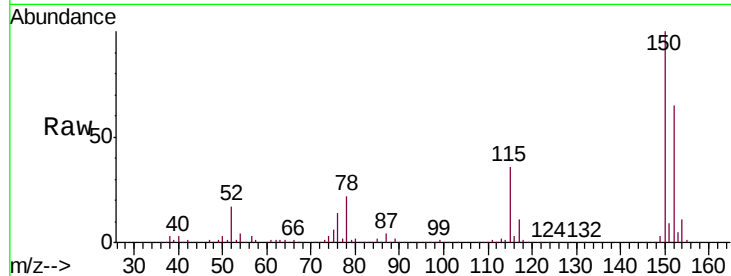
C0D98

Tgt Ion: 75 Resp: 15779

Ion Ratio Lower Upper

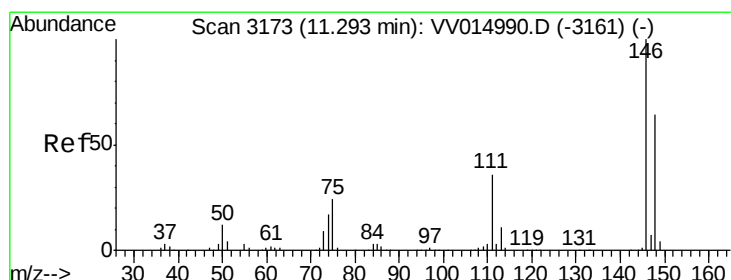
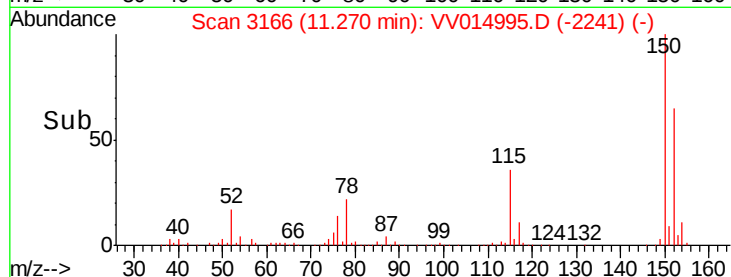
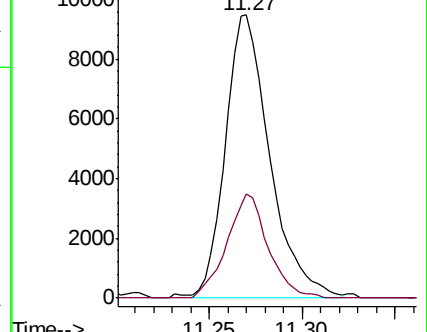
75 100

77 34.2 26.6 40.0



Abundance Ion 75.00 (74.70 to 75.70): VV014995.D (-2241) (-)

Ion 77.00 (76.70 to 77.70): VV014995.D (-2241) (-)



#63

1,4-Dichlorobenzene

Concen: 1.154 ug/L

RT: 11.29 min Scan# 3173

Delta R.T. -0.00 min

Lab File: VV014995.D

Acq: 18 Mar 2020 00:22

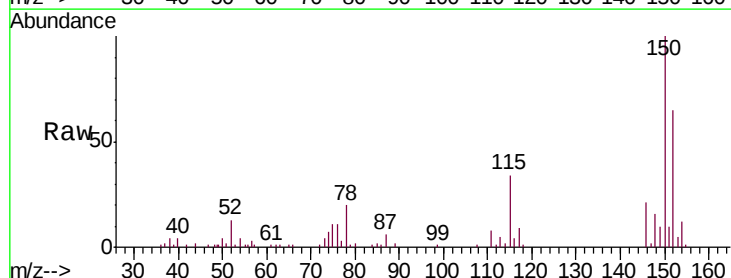
Tgt Ion: 146 Resp: 5892

Ion Ratio Lower Upper

146 100

111 39.0 26.0 48.2

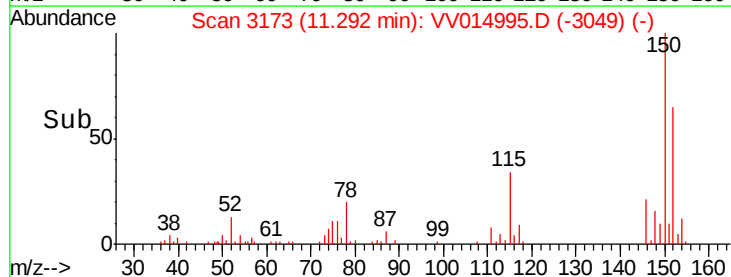
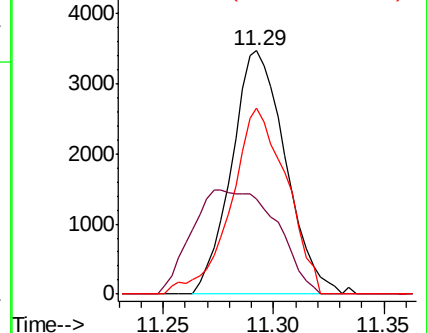
148 76.2 46.1 85.5

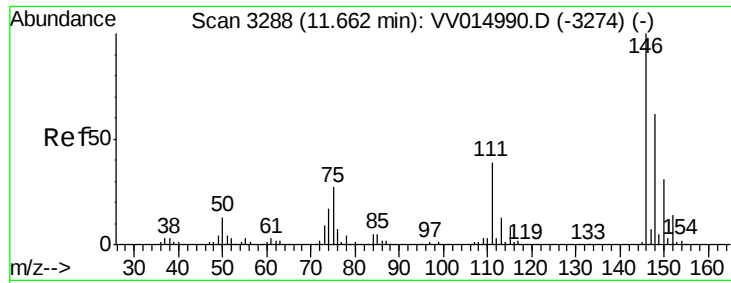


Abundance Ion 146.00 (145.70 to 146.70): VV014995.D (-3049) (-)

Ion 111.00 (110.70 to 111.70): VV014995.D (-3049) (-)

Ion 148.00 (147.70 to 148.70): VV014995.D (-3049) (-)





#65

1,2-Dichlorobenzene

Concen: 0.856 ug/L

RT: 11.67 min Scan# 3289

Delta R.T. 0.00 min

Lab File: VV014995.D

Acq: 18 Mar 2020 00:22

Instrument :

MSVOA_V

ClientSampleId :

C0D98

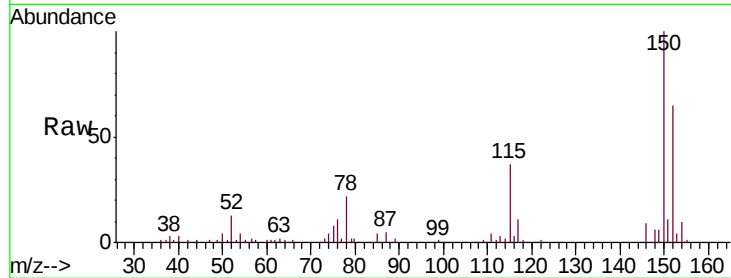
Tgt Ion:146 Resp: 4335

Ion Ratio Lower Upper

146 100

111 48.3 31.6 47.4#

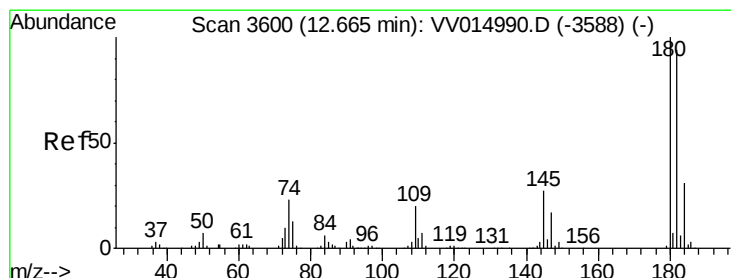
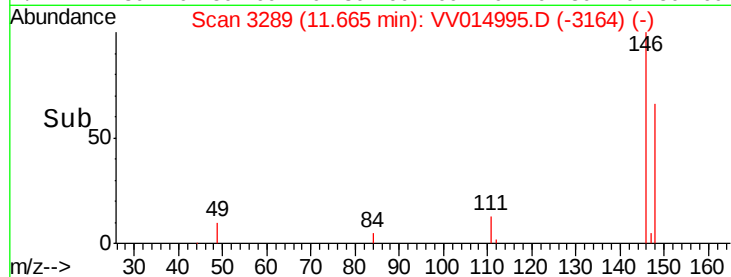
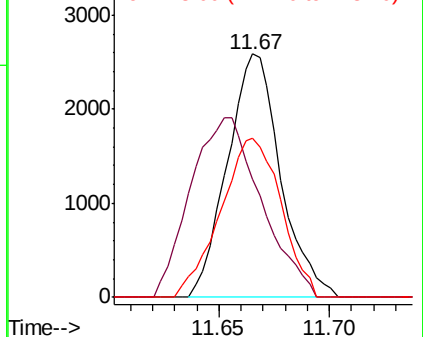
148 65.6 52.2 78.4



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: 1.243 ug/L

RT: 13.28 min Scan# 3792

Delta R.T. 0.62 min

Lab File: VV014995.D

Acq: 18 Mar 2020 00:22

Tgt Ion:180 Resp: 4940

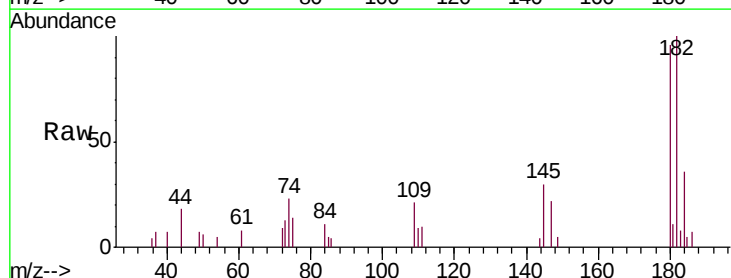
Ion Ratio Lower Upper

180 100

182 100.4 75.7 113.5

184 35.2 24.2 36.4

145 28.6 22.0 33.0

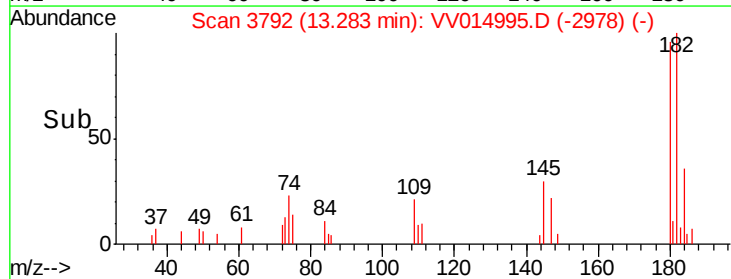
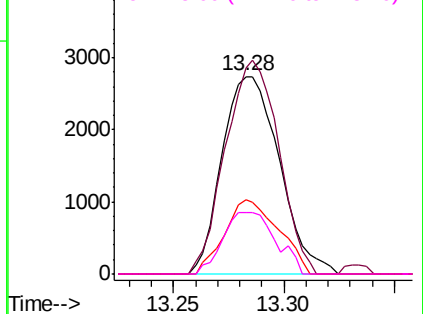


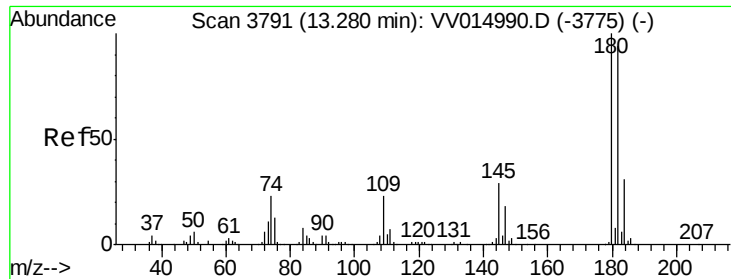
Abundance Ion 180.00 (179.70 to 180.70): V

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: 1.394 ug/L
 RT: 13.28 min Scan# 3792
 Delta R.T. 0.00 min
 Lab File: VV014995.D
 Acq: 18 Mar 2020 00:22

Instrument :
 MSVOA_V
 ClientSampleId :
 C0D98

Tgt Ion	Resp	Lower	Upper
180	4940		
182	100.4	76.3	114.5
145	28.6	23.1	34.7

