

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082620\
 Data File : VW016370.D
 Acq On : 26 Aug 2020 16:23
 Operator : SY/VA
 Sample : L3807-15
 Misc : 6.17G/10ML/MSVOA W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFSS2

Quant Time: Aug 27 02:44:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM082420S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 27 02:40:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	280662	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	262895	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	114772	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	45491	15.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	60.72%
7) Chloroethane-d5	2.89	69	40230	17.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.76%
10) 1,1-Dichloroethene-d2	4.01	63	92275	12.96	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	51.84%
20) 2-Butanone-d5	7.09	46	30812	36.15	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.30%
24) Chloroform-d	7.65	84	152567	20.85	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.40%
26) 1,2-Dichloroethane-d4	8.31	65	80141	21.25	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.00%
29) Benzene-d6	8.27	84	286817	19.54	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	78.16%
33) 1,2-Dichloropropane-d6	9.27	67	83777	20.63	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	82.52%
37) Toluene-d8	10.32	98	268935	19.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	77.68%
38) trans-1,3-Dichloropropene-	10.58	79	35108	17.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	71.64%
39) 2-Hexanone-d5	10.93	63	26479	40.69	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.38%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	67843	20.07	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	80.28%
61) 1,2-Dichlorobenzene-d4	13.86	152	94599	21.49	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.96%

Target Compounds

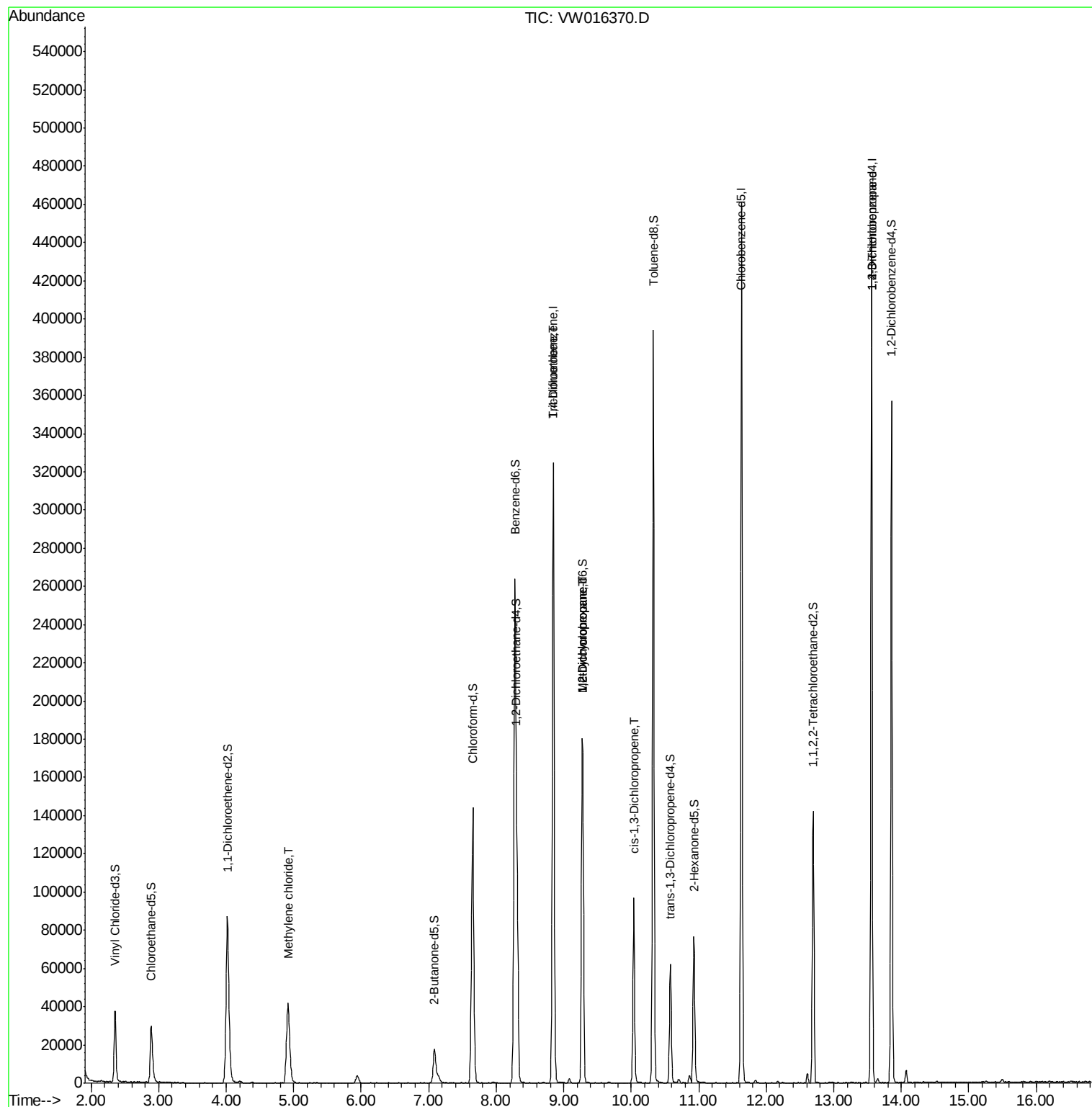
					Ovalue
16) Methylene chloride	4.92	84	37382	7.205 ug/L	97
35) Trichloroethene	8.84	95	8516	1.995 ug/L #	5
36) Methylcyclohexane	9.28	83	22731	3.261 ug/L #	21
40) 1,2-Dichloropropane	9.27	63	9585	2.703 ug/L #	84
42) cis-1,3-Dichloropropene	10.04	75	2280	0.393 ug/L #	73
59) 1,2,3-Trichloropropane	13.56	75	13016	5.145 ug/L	90

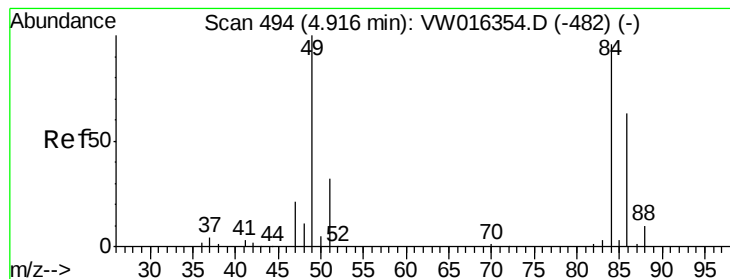
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#16

Methvlene chloride

Concen: 7.205 ug/L

RT: 4.92 min Scan# 494

Delta R.T. -0.00 min

Lab File: VW016370.D

Acq: 26 Aug 2020 16:23

Instrument :

MSVOA_W

ClientSampleId :

BFSS2

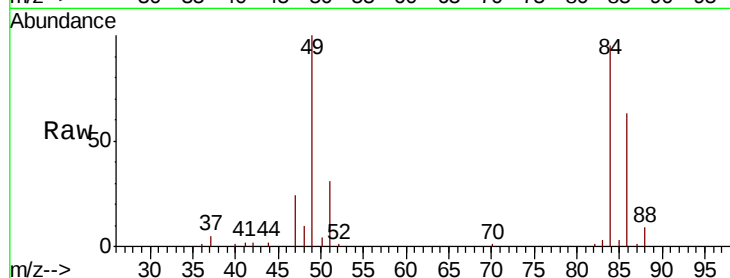
Tot Ion: 84 Resp: 37382

Ion Ratio Lower Upper

84 100

49 105.7 75.3 139.9

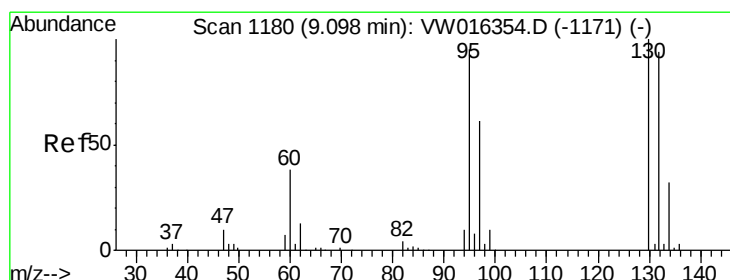
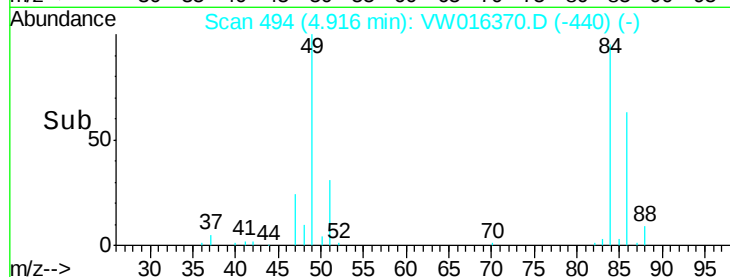
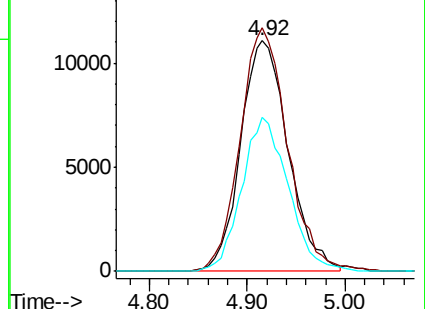
86 66.6 43.3 80.3



Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW



#35

Trichloroethene

Concen: 1.995 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.26 min

Lab File: VW016370.D

Acq: 26 Aug 2020 16:23

Tgt Ion: 95 Resp: 8516

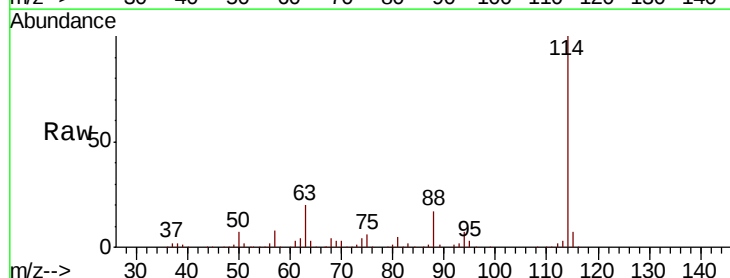
Ion Ratio Lower Upper

95 100

97 0.0 44.9 83.5#

132 1.4 68.2 126.6#

130 0.0 71.5 132.9#

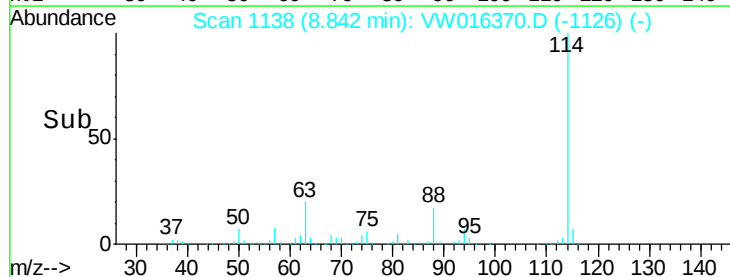
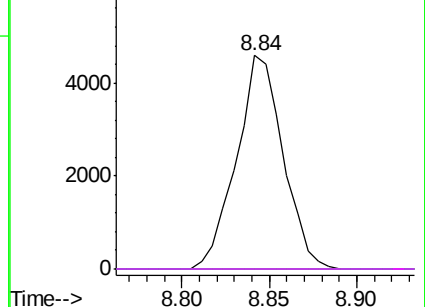


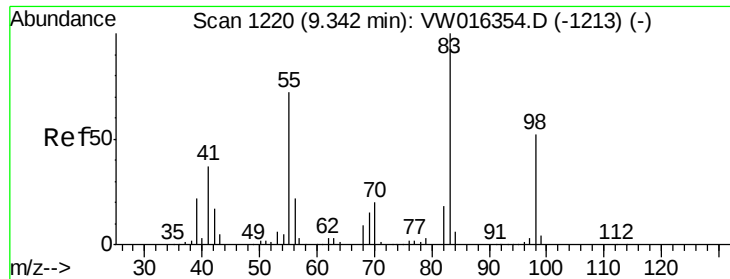
Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): VW

Ion 130.00 (129.70 to 130.70): VW

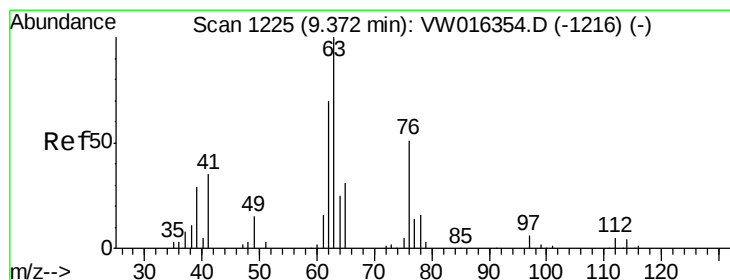
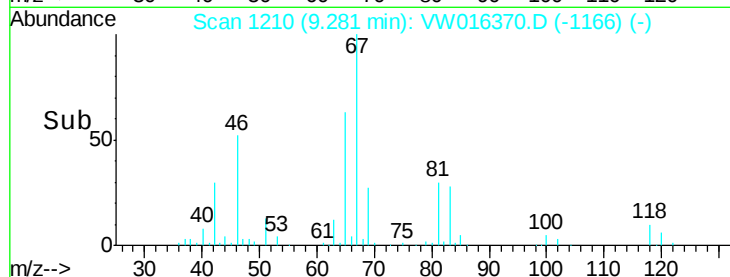
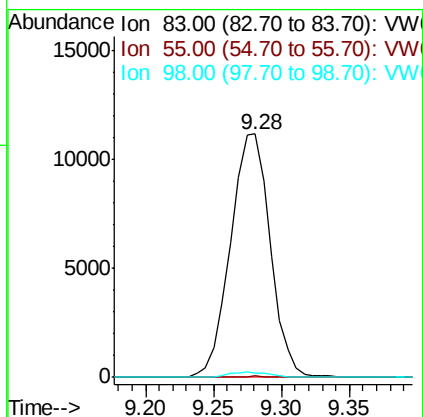
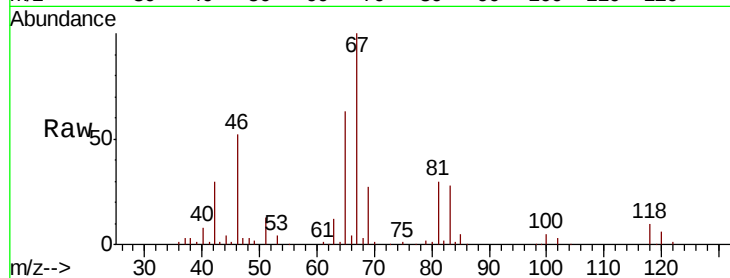




#36
Methylcyclohexane
Concen: 3.261 ug/L
RT: 9.28 min Scan# 1210
Delta R.T. -0.06 min
Lab File: VW016370.D
Acq: 26 Aug 2020 16:23

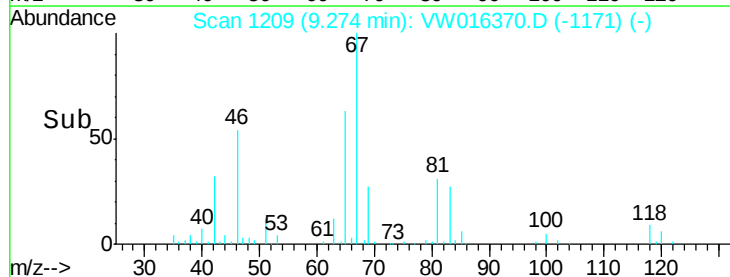
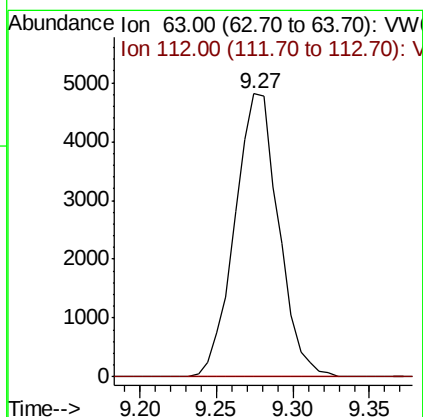
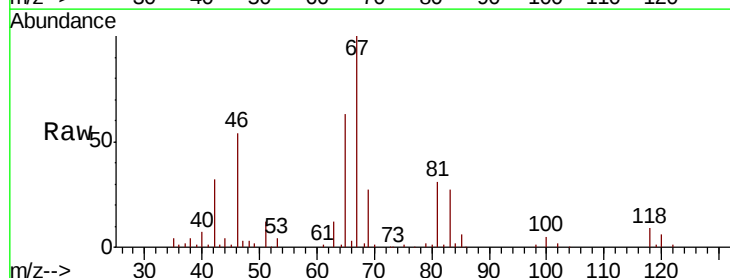
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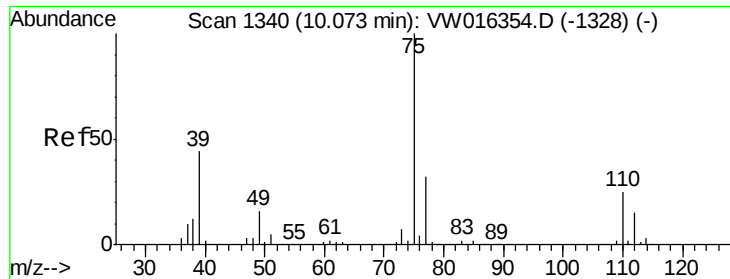
Tot Ion: 83 Resp: 22731
Ion Ratio Lower Upper
83 100
55 0.0 55.6 83.4#
98 2.0 40.6 61.0#



#40
1,2-Dichloropropane
Concen: 2.703 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.10 min
Lab File: VW016370.D
Acq: 26 Aug 2020 16:23

Tgt Ion: 63 Resp: 9585
Ion Ratio Lower Upper
63 100
112 0.0 4.4 6.6#





#42

cis-1,3-Dichloropropene

Concen: 0.393 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW016370.D

Acq: 26 Aug 2020 16:23

Instrument :

MSVOA_W

ClientSampleId :

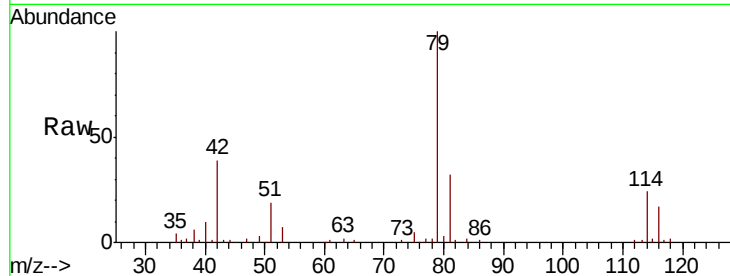
BFSS2

Tot Ion: 75 Resp: 2280

Ion Ratio Lower Upper

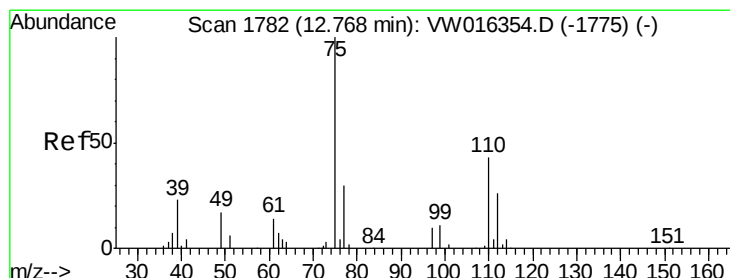
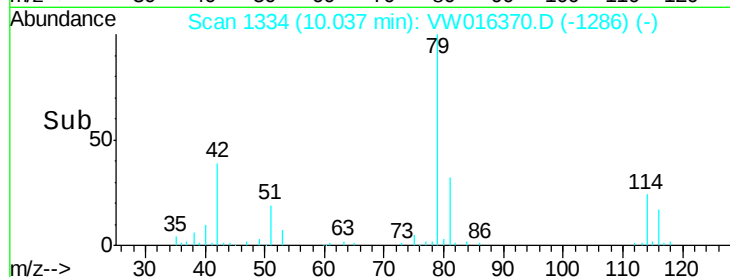
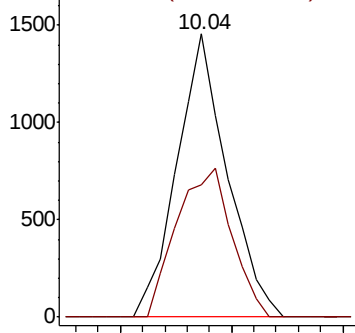
75 100

77 46.5 22.0 40.8#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW



#59

1,2,3-Trichloropropane

Concen: 5.145 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW016370.D

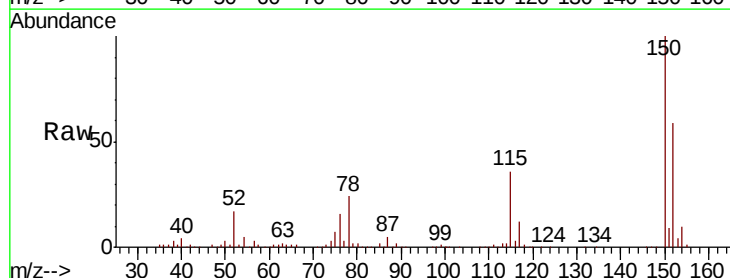
Acq: 26 Aug 2020 16:23

Tgt Ion: 75 Resp: 13016

Ion Ratio Lower Upper

75 100

77 39.4 27.1 40.7



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

