

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082620\
 Data File : VW016366.D
 Acq On : 26 Aug 2020 14:48
 Operator : SY/VA
 Sample : L3807-11
 Misc : 5.61G/10ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFSR8

Quant Time: Aug 27 02:43:53 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	322460	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	294301	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	129108	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	54647	15.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.48%
7) Chloroethane-d5	2.89	69	49616	18.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.92%
10) 1,1-Dichloroethene-d2	4.02	63	111937	13.69	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	54.76%
20) 2-Butanone-d5	7.08	46	31289	31.95	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	63.90%
24) Chloroform-d	7.65	84	181003	21.53	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.12%
26) 1,2-Dichloroethane-d4	8.31	65	89238	20.60	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	82.40%
29) Benzene-d6	8.28	84	342664	20.85	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.40%
33) 1,2-Dichloropropane-d6	9.28	67	95940	21.10	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	84.40%
37) Toluene-d8	10.33	98	315620	20.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.44%
38) trans-1,3-Dichloropropene-	10.58	79	39857	18.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	72.64%
39) 2-Hexanone-d5	10.93	63	27408	37.63	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.26%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	73059	19.31	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	77.24%
61) 1,2-Dichlorobenzene-d4	13.86	152	107231	21.66	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.64%

Target Compounds

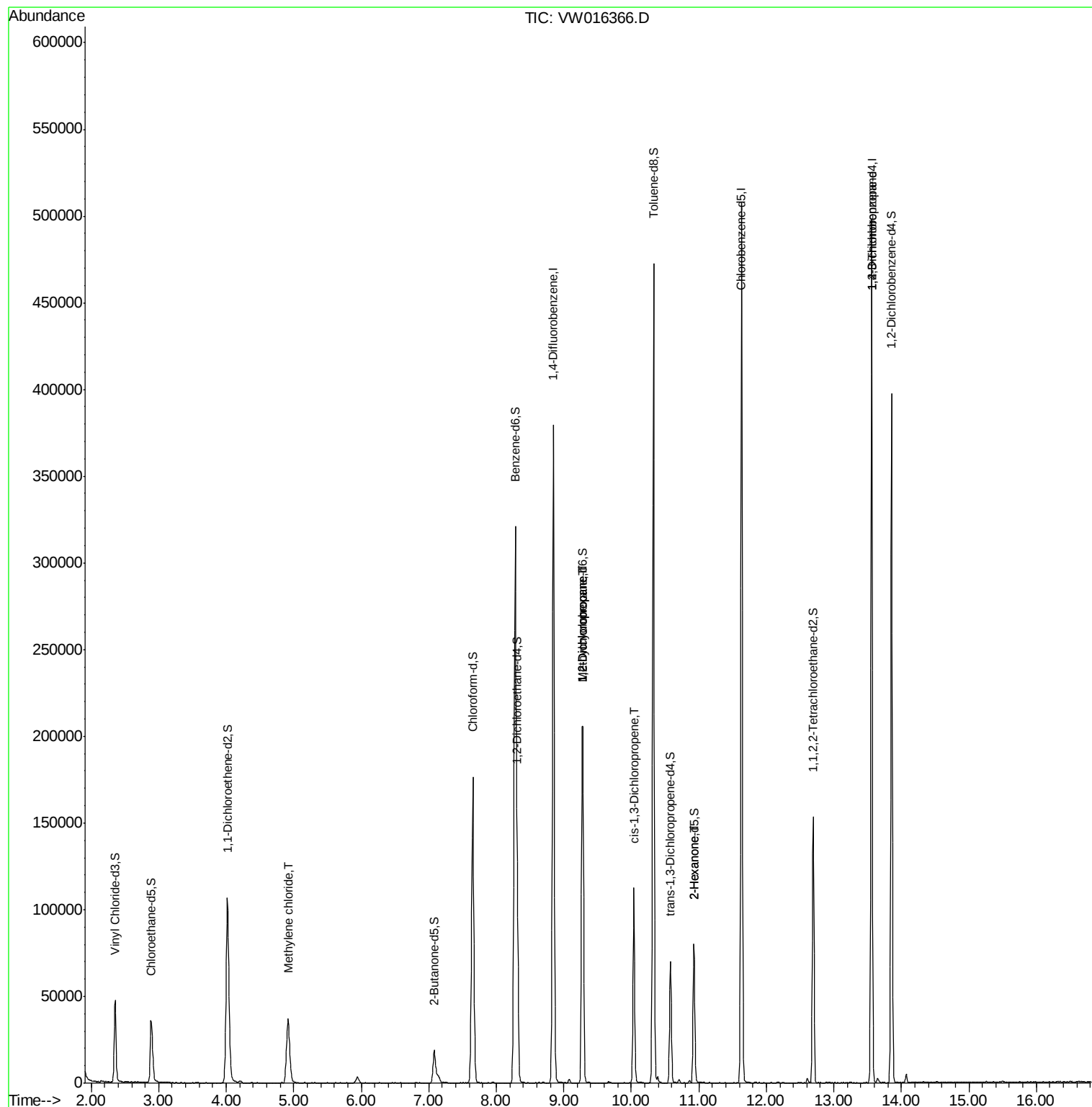
					Ovalue
16) Methylene chloride	4.92	84	32533	5.458 ug/L	98
36) Methylcyclohexane	9.27	83	26575	3.406 ug/L #	21
40) 1,2-Dichloropropane	9.28	63	11004	2.772 ug/L #	85
42) cis-1,3-Dichloropropene	10.04	75	2946	0.453 ug/L #	66
49) 2-Hexanone	10.93	43	3377	2.196 ug/L #	55
59) 1,2,3-Trichloropropane	13.56	75	13921	4.916 ug/L	93

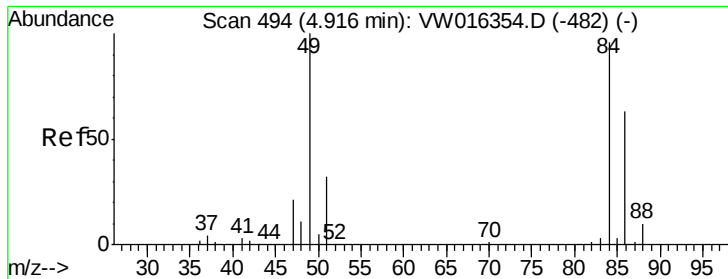
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW082620\
Data File : VW016366.D
Acq On : 26 Aug 2020 14:48
Operator : SY/VA
Sample : L3807-11
Misc : 5.61G/10ML/MSVOA W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFSR8

Quant Time: Aug 27 02:43:53 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM082420S.M
Quant Title : VOC Analysis
QLast Update : Thu Aug 27 02:40:32 2020
Response via : Initial Calibration

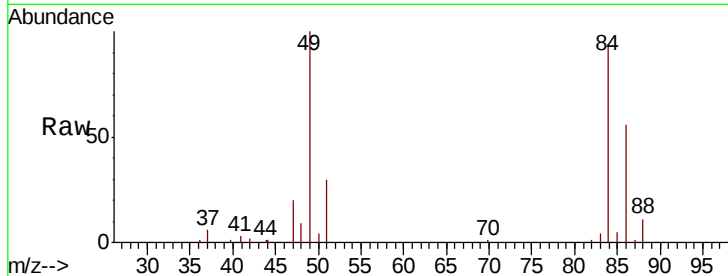




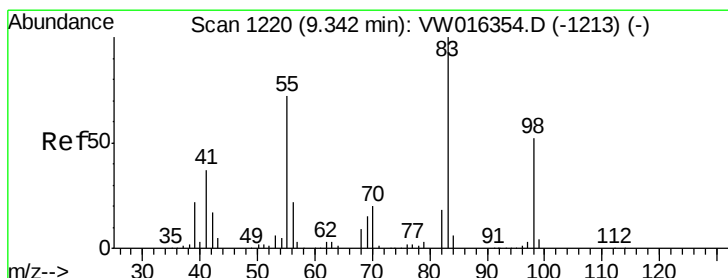
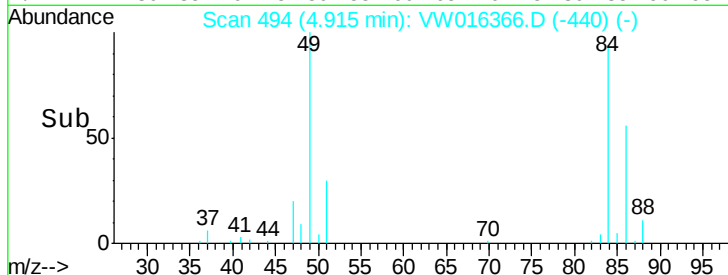
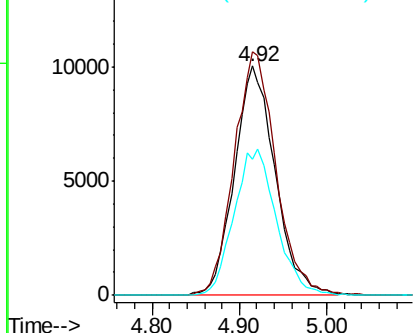
#16
Methvlene chloride
Concen: 5.458 ug/L
RT: 4.92 min Scan# 494
Delta R.T. -0.00 min
Lab File: VW016366.D
Acq: 26 Aug 2020 14:48

Instrument :
MSVOA_W
ClientSampled :
BFSR8

Tot Ion: 84 Resp: 32533
Ion Ratio Lower Upper
84 100
49 106.1 75.3 139.9
86 59.4 43.3 80.3

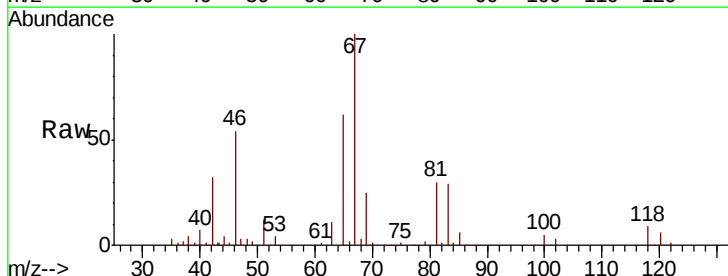


Abundance Ion 84.00 (83.70 to 84.70): VW
Ion 49.00 (48.70 to 49.70): VW
Ion 86.00 (85.70 to 86.70): VW

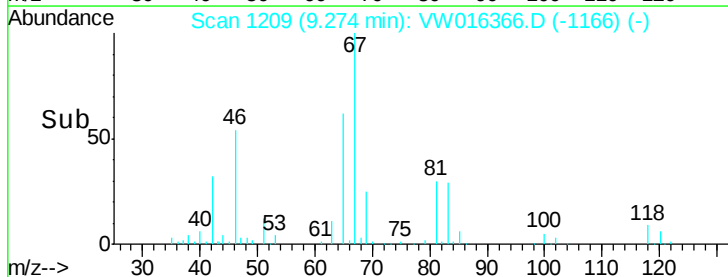
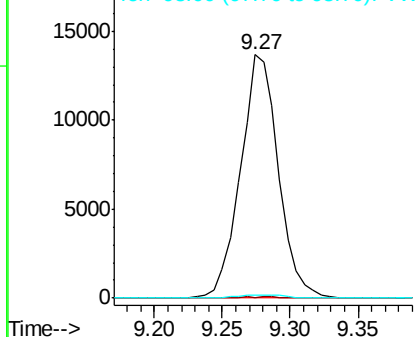


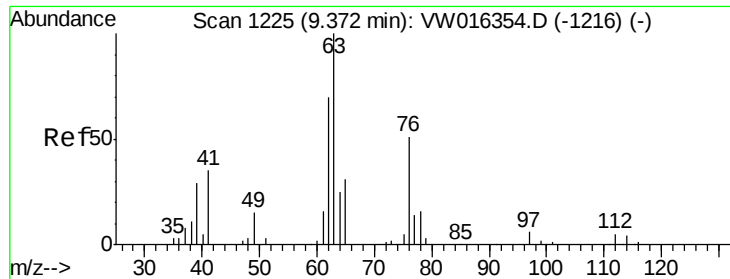
#36
Methylcyclohexane
Concen: 3.406 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.07 min
Lab File: VW016366.D
Acq: 26 Aug 2020 14:48

Tgt Ion: 83 Resp: 26575
Ion Ratio Lower Upper
83 100
55 0.2 55.6 83.4#
98 1.7 40.6 61.0#



Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW





#40

1,2-Dichloropropane

Concen: 2.772 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.09 min

Lab File: VW016366.D

Acq: 26 Aug 2020 14:48

Instrument :

MSVOA_W

ClientSampled :

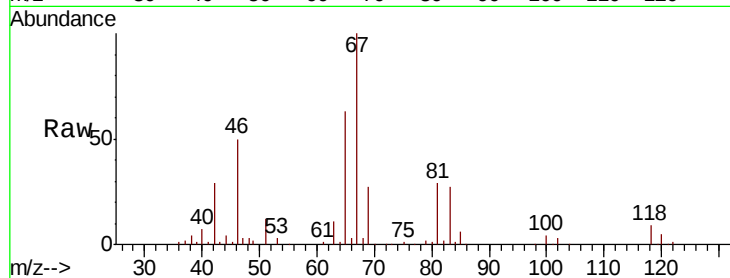
BFSR8

Tot Ion: 63 Resp: 11004

Ion Ratio Lower Upper

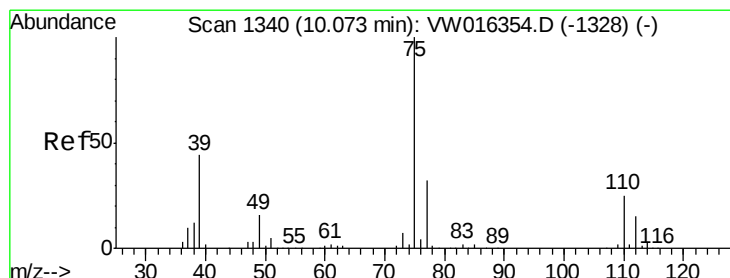
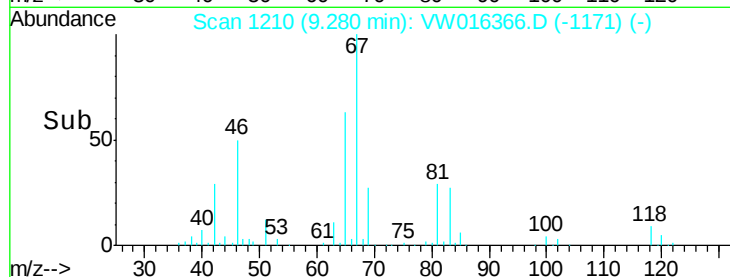
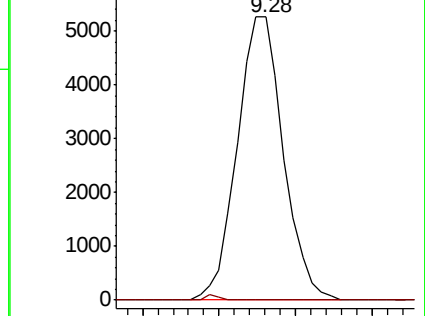
63 100

112 0.5 4.4 6.6#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V



#42

cis-1,3-Dichloropropene

Concen: 0.453 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW016366.D

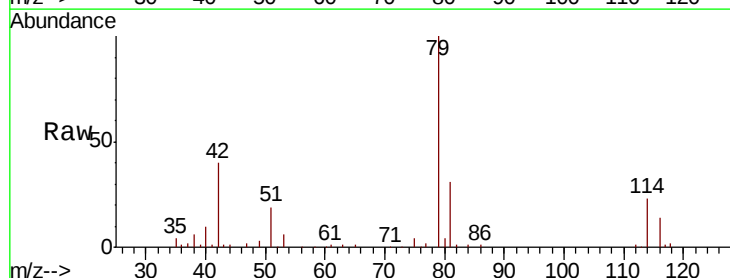
Acq: 26 Aug 2020 14:48

Tgt Ion: 75 Resp: 2946

Ion Ratio Lower Upper

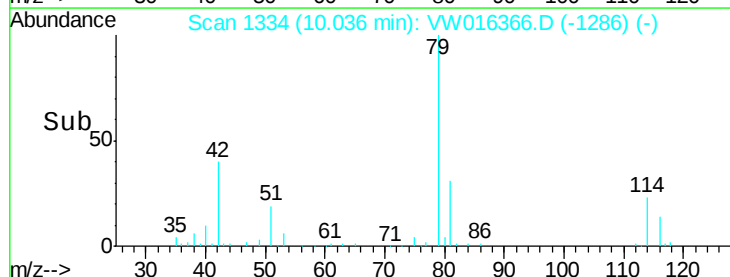
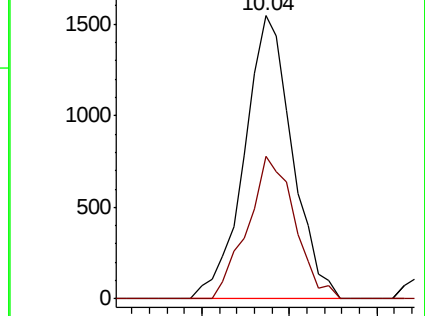
75 100

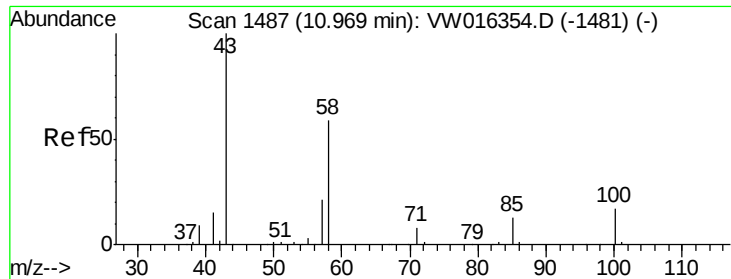
77 50.4 22.0 40.8#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#49

2-Hexanone

Concen: 2.196 ug/L

RT: 10.93 min Scan# 1481

Delta R.T. -0.04 min

Lab File: VW016366.D

Acq: 26 Aug 2020 14:48

Instrument :

MSVOA_W

ClientSampleId :

BFSR8

Tot Ion: 43 Resp: 3377

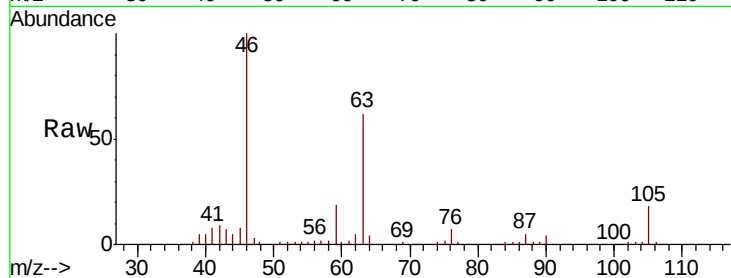
Ion Ratio Lower Upper

43 100

58 25.6 49.5 74.3#

57 0.0 17.7 26.5#

100 1.7 12.9 19.3#

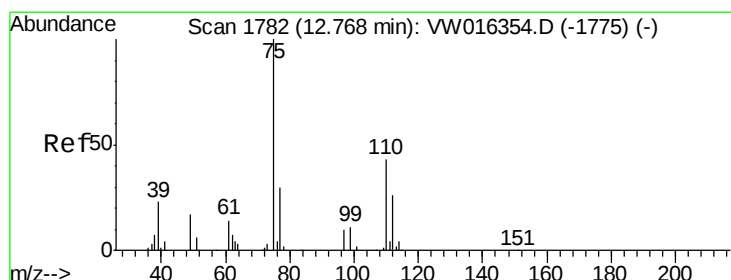
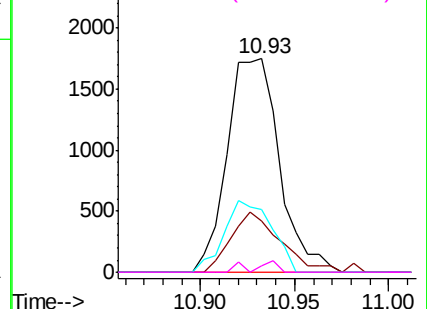
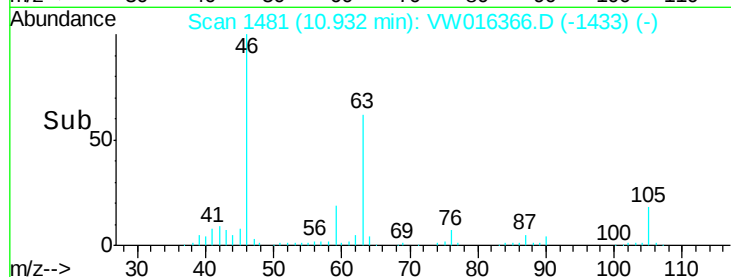


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

Ion 57.00 (56.70 to 57.70): VW

Ion 100.00 (99.70 to 100.70): VW



#59

1,2,3-Trichloropropane

Concen: 4.916 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW016366.D

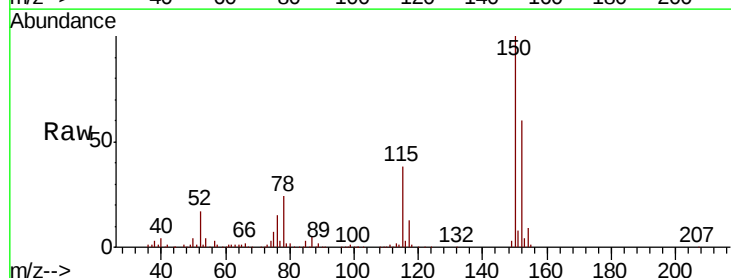
Acq: 26 Aug 2020 14:48

Tgt Ion: 75 Resp: 13921

Ion Ratio Lower Upper

75 100

77 37.9 27.1 40.7



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

