

Data File : VW014449.D
Acq On : 18 Dec 2019 23:20
Operator : SY/VA
Sample : K6279-07RE
Misc : 3.67G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFEX9RE

Quant Time: Dec 19 04:38:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis
QLast Update : Thu Dec 19 04:35:06 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	869300	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	720884	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	232802	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	270725	20.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.28%
7) Chloroethane-d5	2.89	69	239942	24.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.04%
10) 1,1-Dichloroethene-d2	4.01	63	395755	17.02	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.08%
20) 2-Butanone-d5	7.07	46	109852	32.02	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	64.04%
24) Chloroform-d	7.65	84	574222	25.94	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.76%
26) 1,2-Dichloroethane-d4	8.51	65	117	0.01	ug/L	0.21
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.04%#
29) Benzene-d6	8.27	84	1158015	27.41	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	109.64%
33) 1,2-Dichloropropane-d6	9.27	67	378687	29.13	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	116.52%
37) Toluene-d8	10.32	98	942015	24.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.64%
38) trans-1,3-Dichloropropene-	10.58	79	92344	16.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	67.72%
39) 2-Hexanone-d5	10.92	63	77664	30.05	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	60.10%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	231598	21.86	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.44%
61) 1,2-Dichlorobenzene-d4	13.85	152	227645	25.59	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.36%

Target Compounds

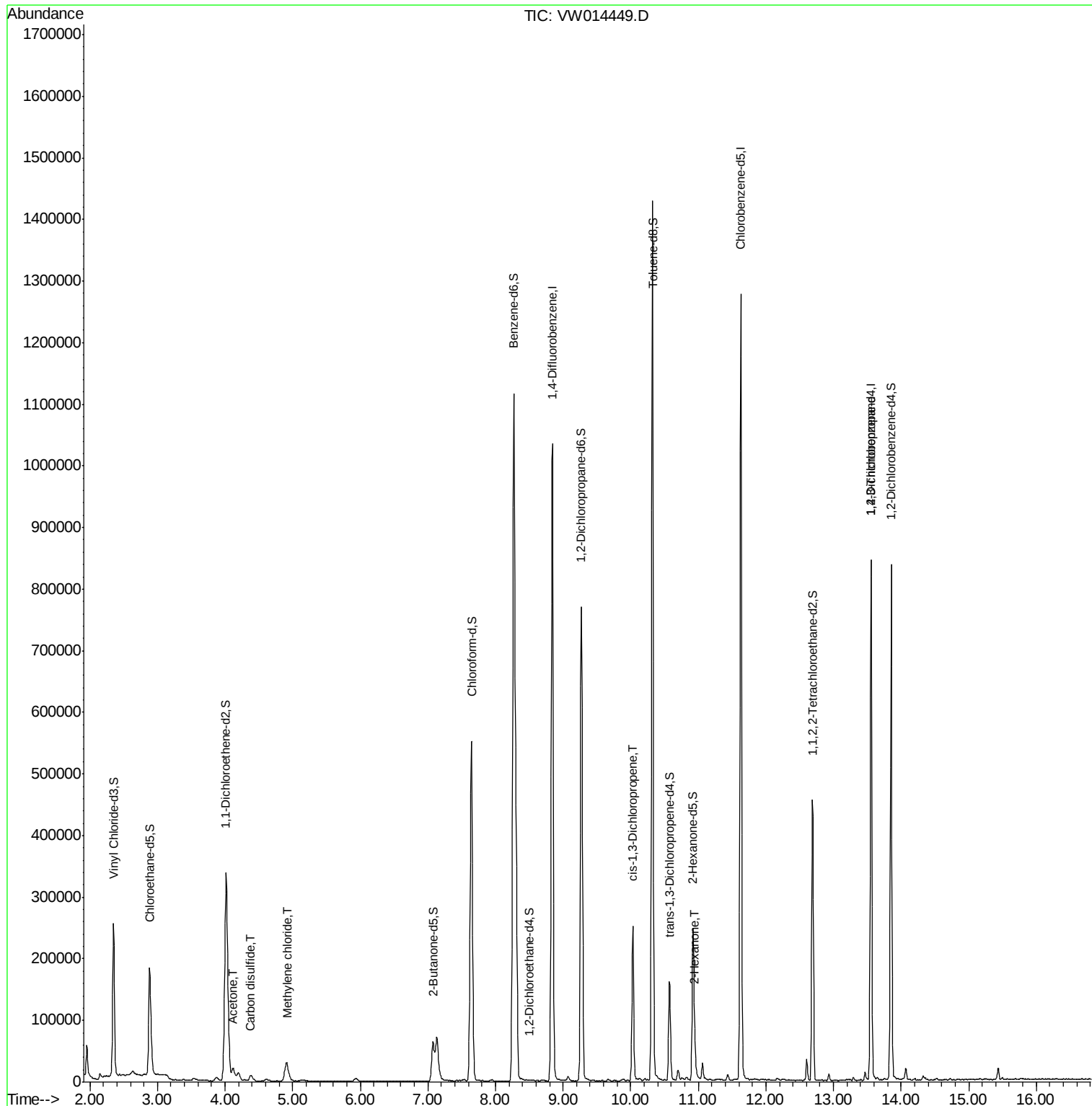
					Qvalue
13) Acetone	4.12	43	31343	9.477 ug/L	100
14) Carbon disulfide	4.39	76	16360	0.460 ug/L #	89
16) Methylene chloride	4.92	84	22792	1.710 ug/L	96
42) cis-1,3-Dichloropropene	10.03	75	6111	0.348 ug/L #	68
49) 2-Hexanone	10.95	43	22892	4.158 ug/L #	38
59) 1,2,3-Trichloropropane	13.56	75	26706	3.295 ug/L	91

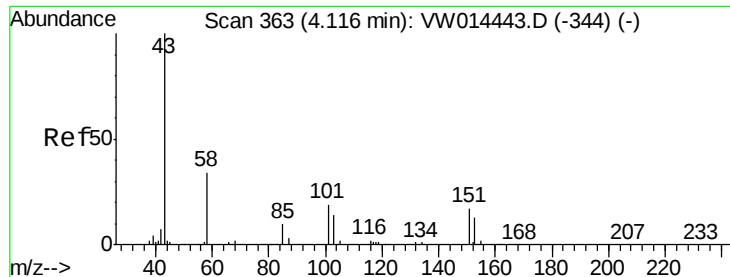
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 9.477 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

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Instrument :

MSVOA_W

ClientSampleId :

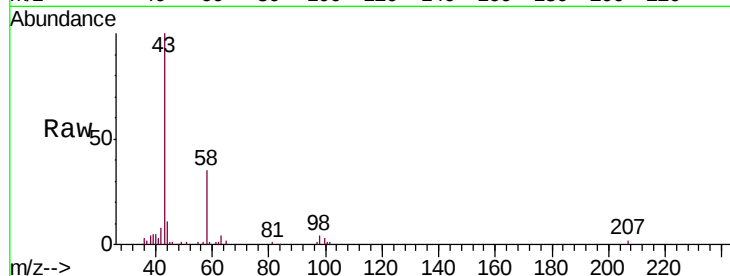
BFEX9RE

Tgt Ion: 43 Resp: 31343

Ion Ratio Lower Upper

43 100

58 32.6 0.0 65.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

12000

10000

8000

6000

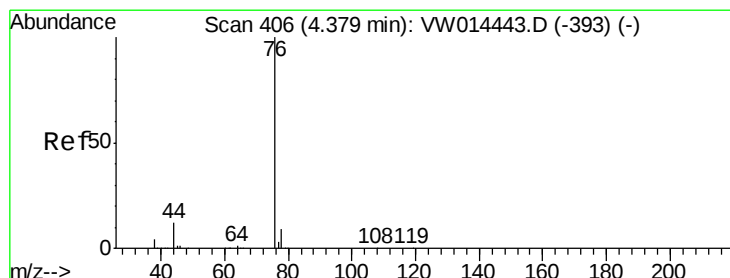
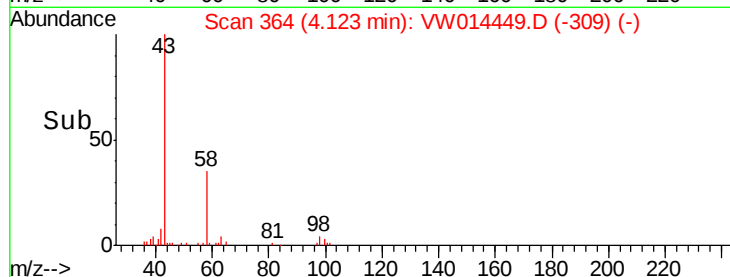
4000

2000

0

4.00 4.05 4.10 4.15 4.20

Time-->



#14

Carbon disulfide

Concen: 0.460 ug/L

RT: 4.39 min Scan# 407

Delta R.T. 0.01 min

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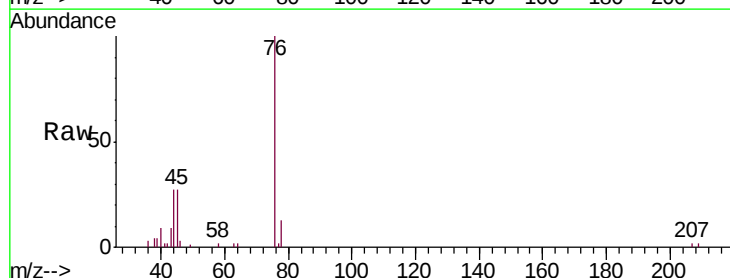
Acq: 18 Dec 2019 23:20

Tgt Ion: 76 Resp: 16360

Ion Ratio Lower Upper

76 100

78 13.0 7.2 10.8#



Abundance Ion 76.00 (75.70 to 76.70): VW

Ion 78.00 (77.70 to 78.70): VW

5000

4000

3000

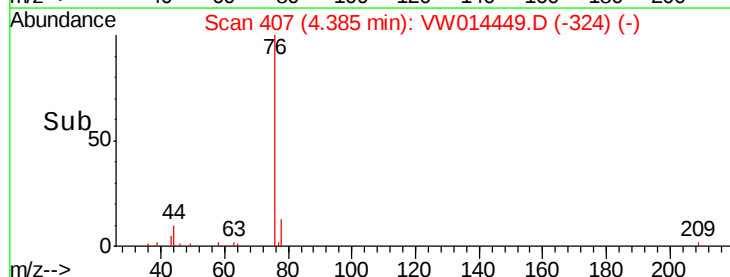
2000

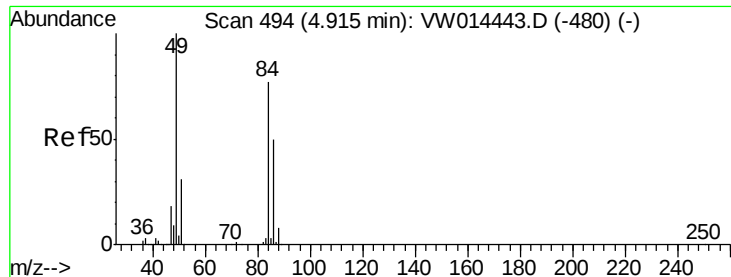
1000

0

4.30 4.40 4.50

Time-->

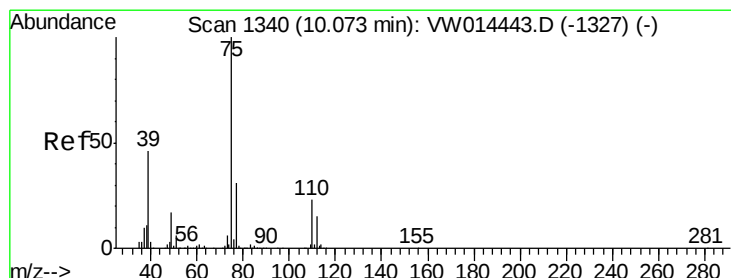
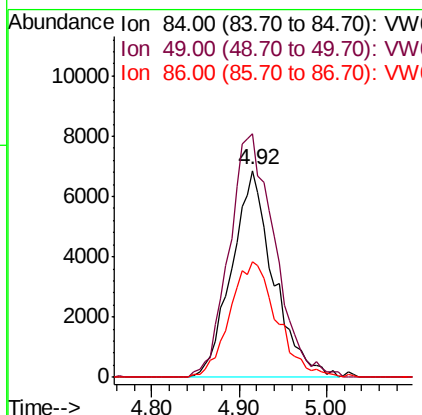
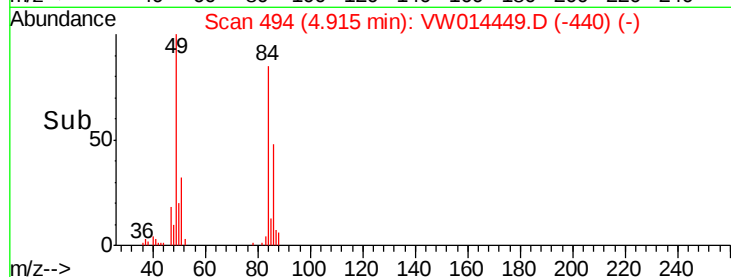
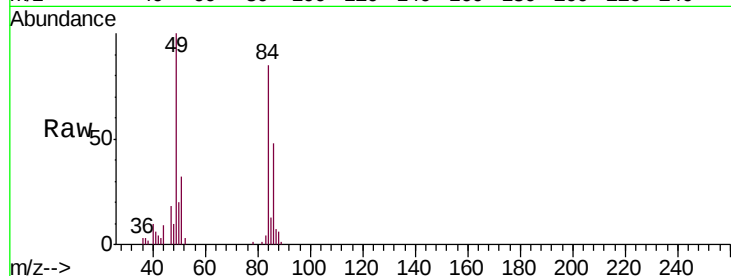




#16
Methylene chloride
Concen: 1.710 ug/L
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW014449.D
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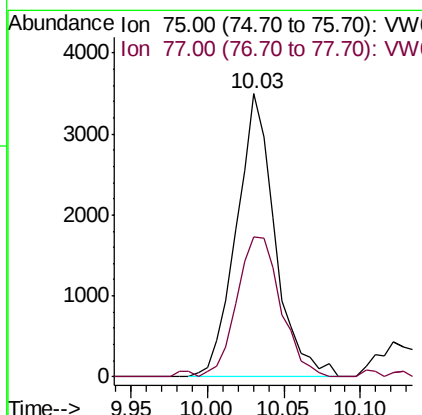
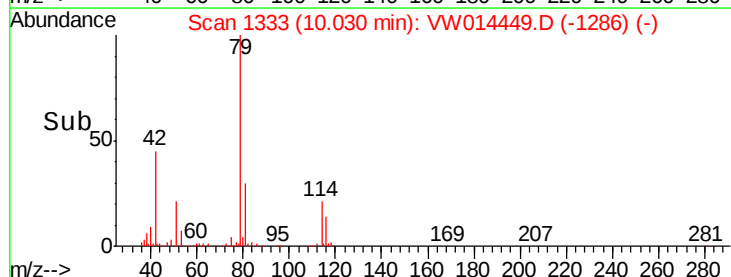
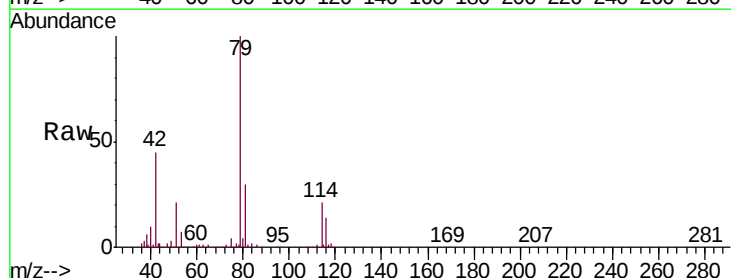
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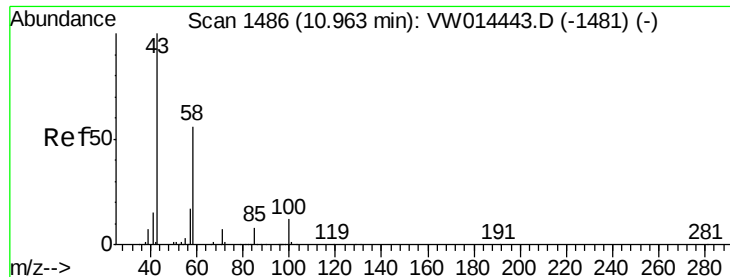
Tgt Ion: 84 Resp: 22792
Ion Ratio Lower Upper
84 100
49 117.9 84.2 156.4
86 56.0 43.7 81.1



#42
cis-1,3-Dichloropropene
Concen: 0.348 ug/L
RT: 10.03 min Scan# 1333
Delta R.T. -0.04 min
Lab File: VW014449.D
Acq: 18 Dec 2019 23:20

Tgt Ion: 75 Resp: 6111
Ion Ratio Lower Upper
75 100
77 49.4 22.1 41.1#





#49

2-Hexanone

Concen: 4.158 ug/L

RT: 10.95 min Scan# 1484

Delta R.T. -0.01 min

Lab File: VW014449.D

Acq: 18 Dec 2019 23:20

Instrument :

MSVOA_W

ClientSampleId :

BFEX9RE

Tgt Ion: 43 Resp: 22892

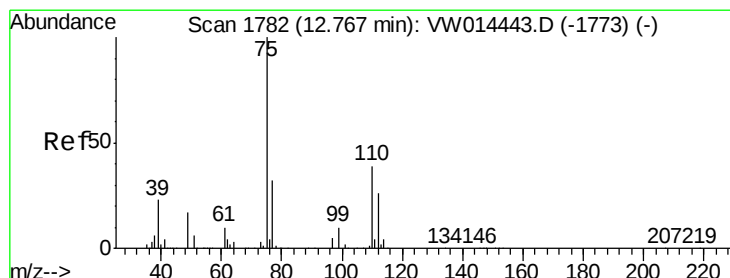
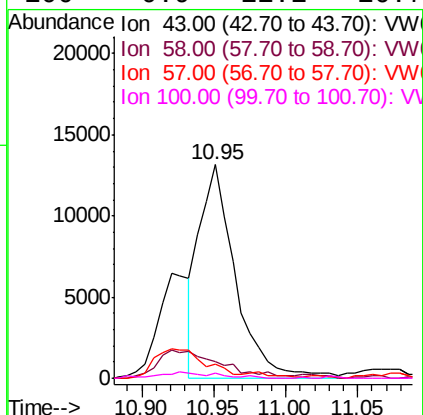
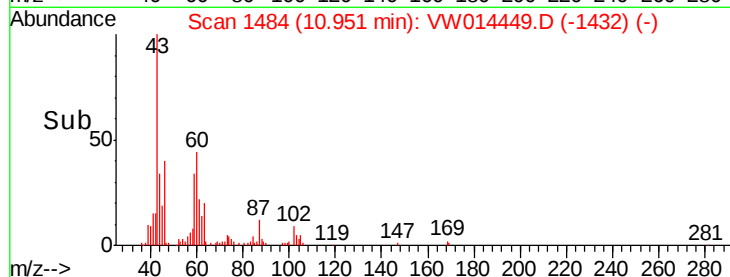
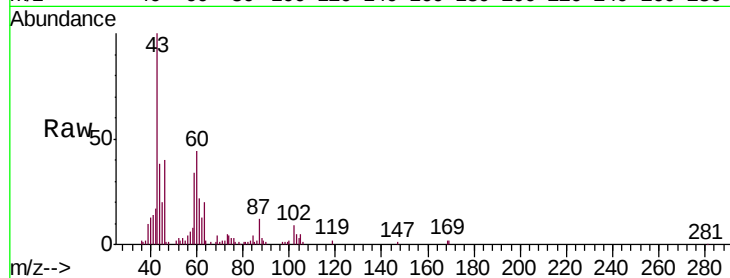
Ion Ratio Lower Upper

43 100

58 0.0 44.4 66.6#

57 0.0 16.5 24.7#

100 0.9 11.1 16.7#



#59

1,2,3-Trichloropropane

Concen: 3.295 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW014449.D

Acq: 18 Dec 2019 23:20

Tgt Ion: 75 Resp: 26706

Ion Ratio Lower Upper

75 100

77 37.6 25.9 38.9

