

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010821\
 Data File : VW017806.D
 Acq On : 08 Jan 2021 15:51
 Operator : SY/VA
 Sample : M1053-01RE
 Misc : 6.05G/10ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFN59RE

Quant Time: Jan 08 21:59:06 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 08 21:58:14 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	353817	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	263640	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	76858	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	117533	21.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.88%
7) Chloroethane-d5	2.89	69	104967	23.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.92%
10) 1,1-Dichloroethene-d2	4.02	63	157545	16.52	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.08%
20) 2-Butanone-d5	7.07	46	30747	34.65	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	69.30%
24) Chloroform-d	7.65	84	203715	22.03	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.12%
26) 1,2-Dichloroethane-d4	8.31	65	102652	21.45	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.80%
29) Benzene-d6	8.27	84	399042	26.87	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	107.48%
33) 1,2-Dichloropropane-d6	9.27	67	109642	26.78	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	107.12%
37) Toluene-d8	10.32	98	354843	24.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.52%
38) trans-1,3-Dichloropropene-	10.58	79	38177	20.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.68%
39) 2-Hexanone-d5	10.93	63	20083	39.07	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.14%
48) 1,1,1,2,2-Tetrachloroethane-	12.69	84	59628	19.62	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	78.48%
61) 1,2-Dichlorobenzene-d4	13.85	152	55061	20.57	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	82.28%

Target Compounds

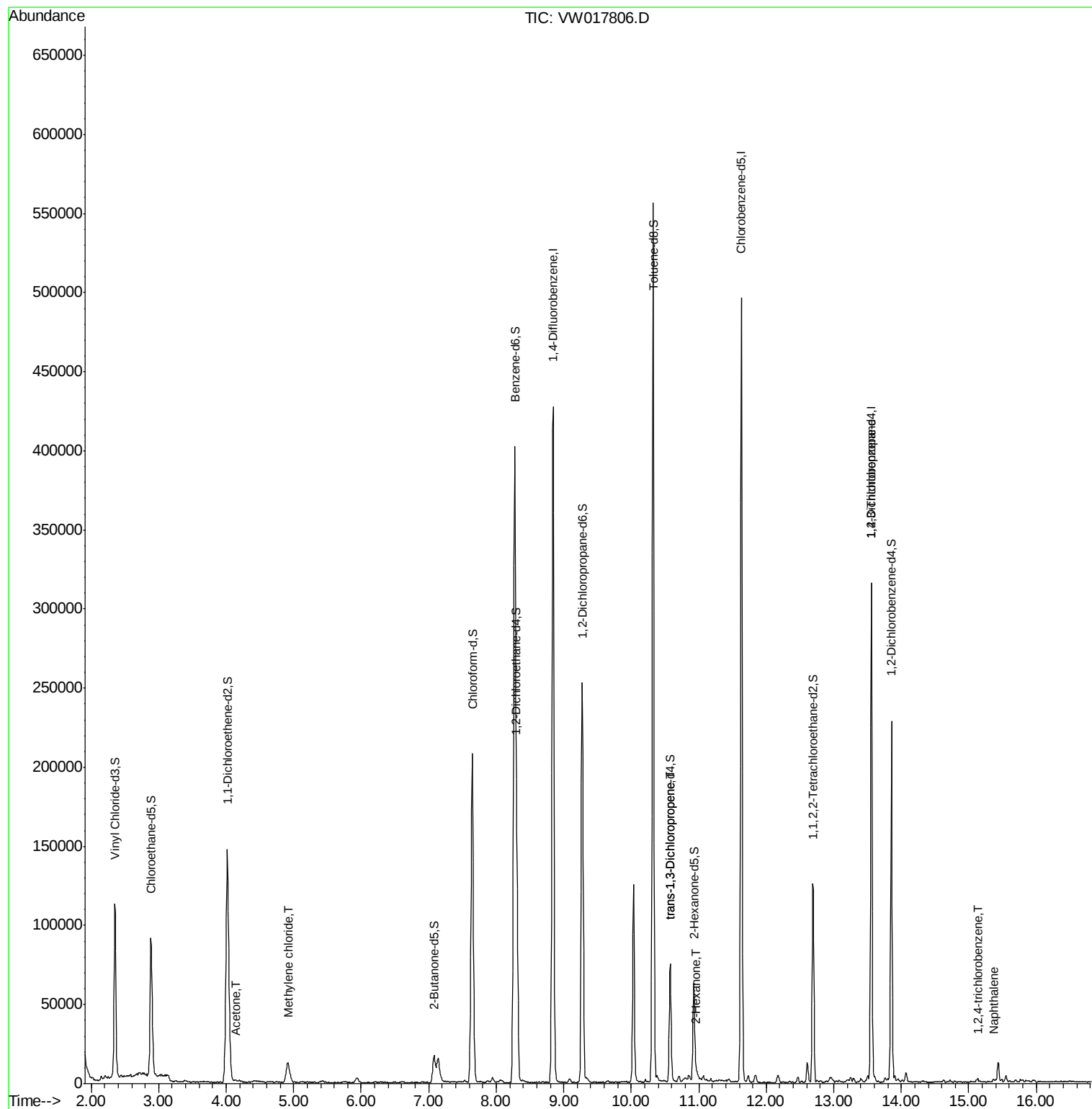
					Ovalue
13) Acetone	4.14	43	1924	2.511 ug/L	84
16) Methylene chloride	4.92	84	10404	2.056 ug/L	92
45) trans-1,3-Dichloropropene	10.57	75	2515	0.520 ug/L #	83
49) 2-Hexanone	10.97	43	2053	1.674 ug/L #	72
59) 1,2,3-Trichloropropane	13.56	75	11466	5.283 ug/L	93
68) 1,2,4-trichlorobenzene	15.13	180	616	0.230 ug/L #	51
69) Naphthalene	15.36	128	1896	0.372 ug/L #	92

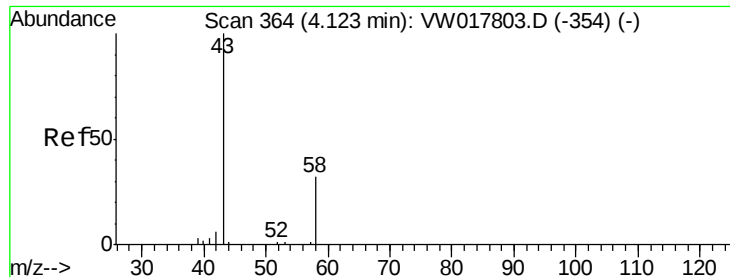
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Jan 08 21:58:14 2021
Response via : Initial Calibration





#13

Acetone

Concen: 2.511 ug/L

RT: 4.14 min Scan# 367

Delta R.T. 0.02 min

Lab File: VW017806.D

Acq: 08 Jan 2021 15:51

Instrument :

MSVOA_W

ClientSampleId :

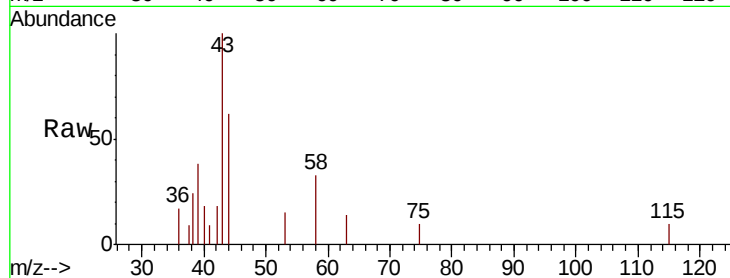
BFN59RE

Tot Ion: 43 Resp: 1924

Ion Ratio Lower Upper

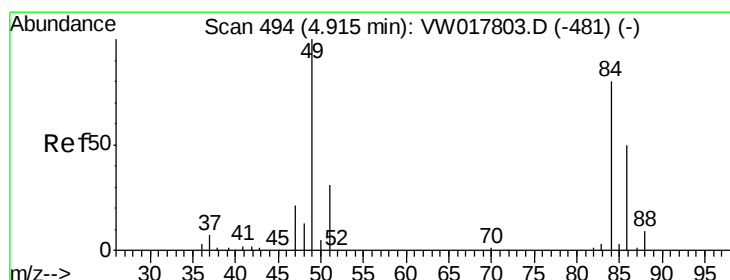
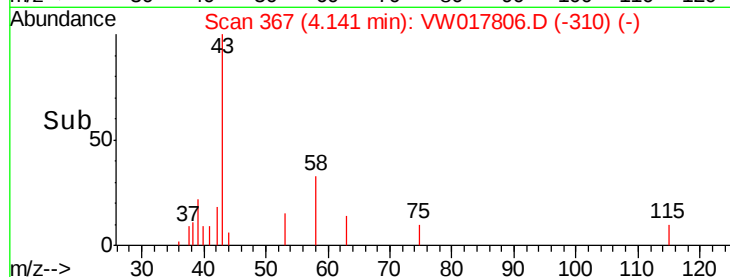
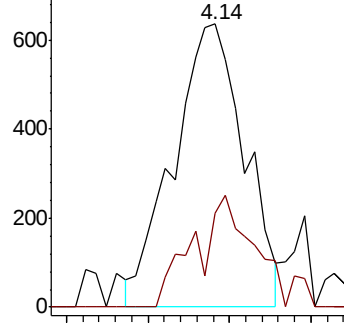
43 100

58 21.9 0.0 60.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 2.056 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW017806.D

Acq: 08 Jan 2021 15:51

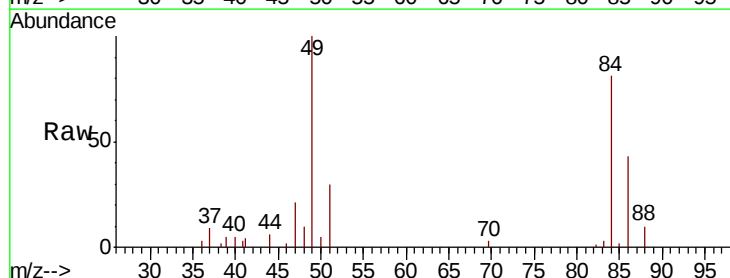
Tgt Ion: 84 Resp: 10404

Ion Ratio Lower Upper

84 100

49 123.6 90.5 168.1

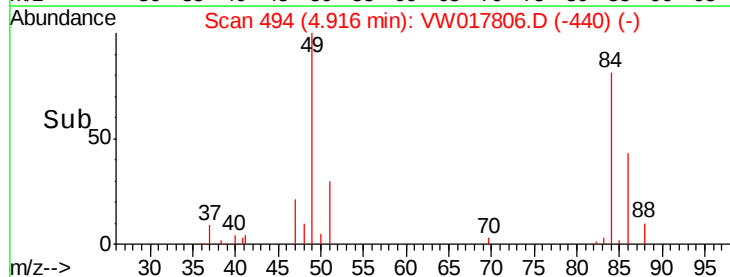
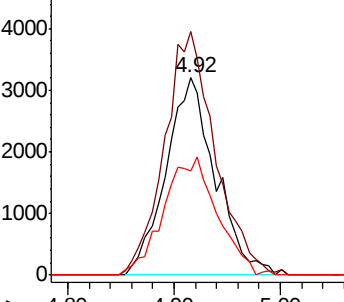
86 52.8 44.8 83.2

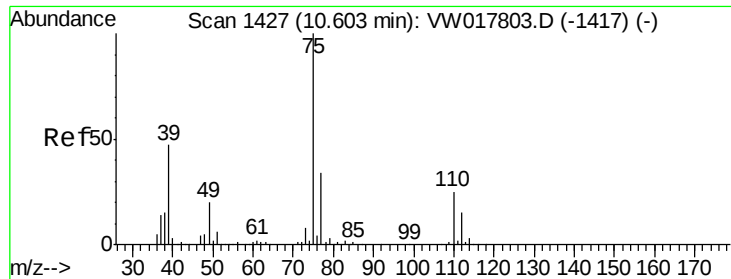


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#45

trans-1,3-Dichloropropene

Concen: 0.520 ug/L

RT: 10.57 min Scan# 1422

Delta R.T. -0.03 min

Lab File: VW017806.D

Acq: 08 Jan 2021 15:51

Instrument :

MSVOA_W

ClientSampled :

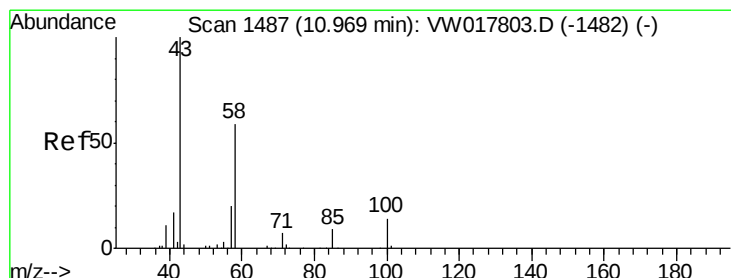
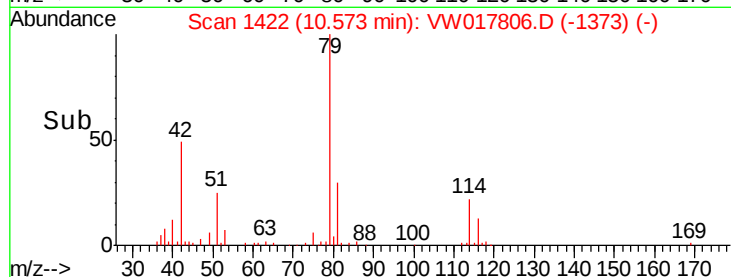
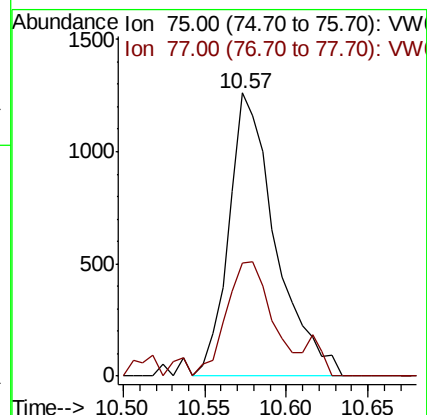
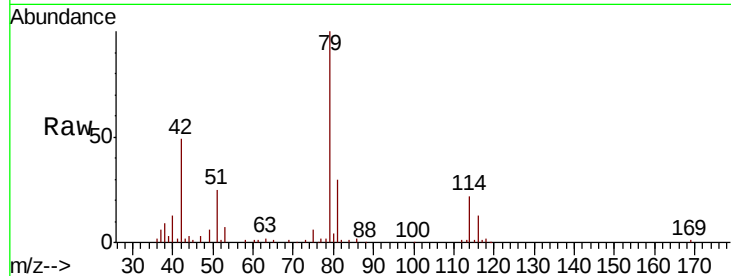
BFN59RE

Tot Ion: 75 Resp: 2515

Ion Ratio Lower Upper

75 100

77 40.0 21.6 40.0#



#49

2-Hexanone

Concen: 1.674 ug/L

RT: 10.97 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VW017806.D

Acq: 08 Jan 2021 15:51

Tgt Ion: 43 Resp: 2053

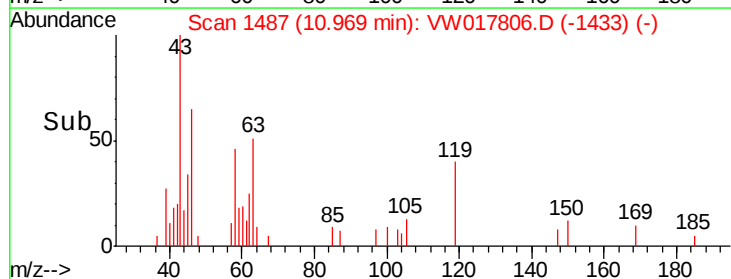
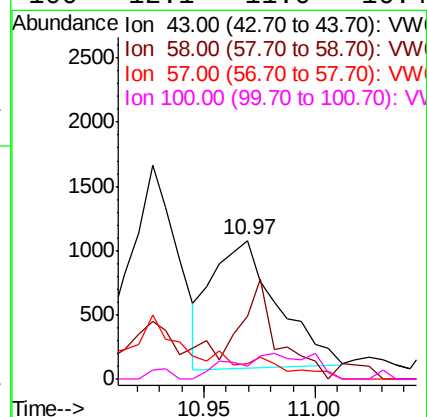
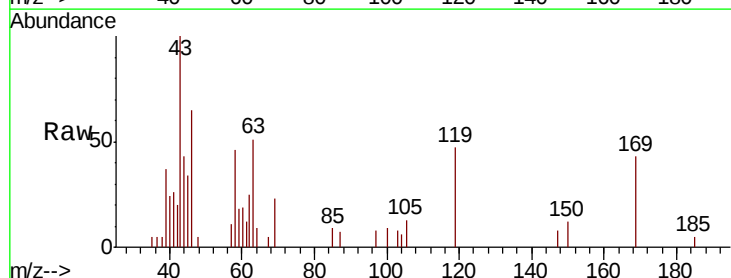
Ion Ratio Lower Upper

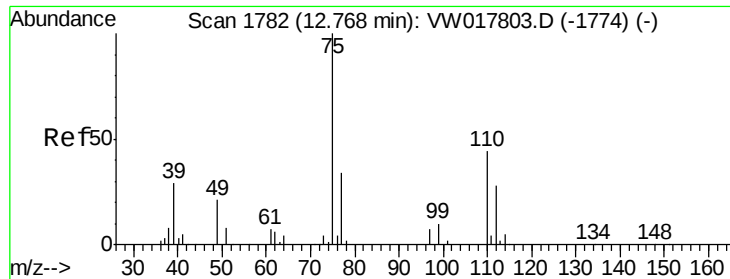
43 100

58 33.0 44.2 66.4#

57 3.9 16.1 24.1#

100 12.1 11.0 16.4





#59

1,2,3-Trichloropropane

Concen: 5.283 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW017806.D

Acq: 08 Jan 2021 15:51

Instrument :

MSVOA_W

ClientSampleId :

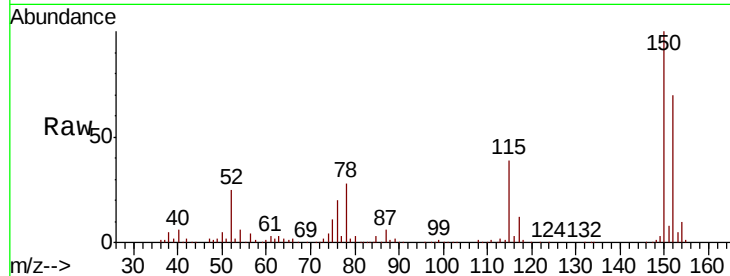
BFN59RE

Tot Ion: 75 Resp: 11466

Ion Ratio Lower Upper

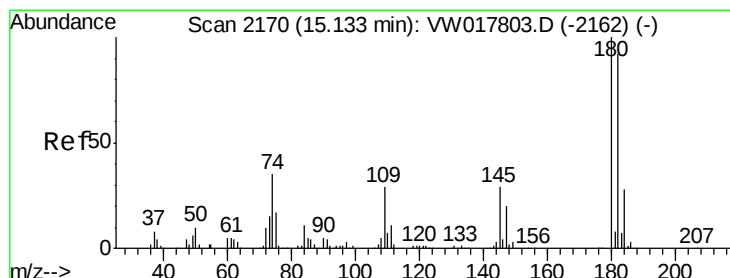
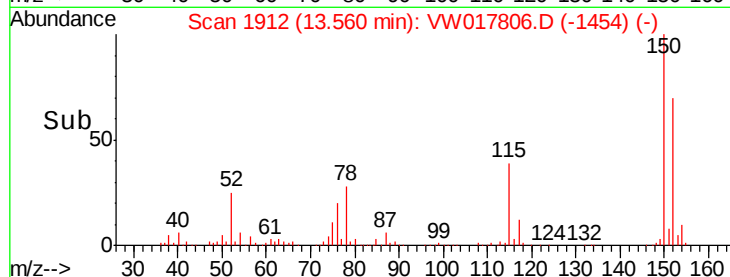
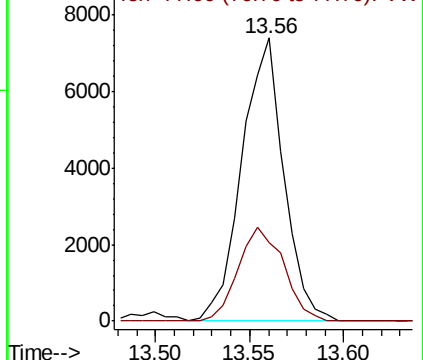
75 100

77 35.9 25.4 38.0



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW



#68

1,2,4-trichlorobenzene

Concen: 0.230 ug/L

RT: 15.13 min Scan# 2170

Delta R.T. 0.00 min

Lab File: VW017806.D

Acq: 08 Jan 2021 15:51

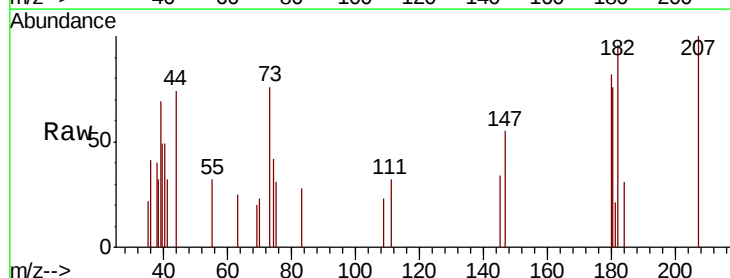
Tgt Ion:180 Resp: 616

Ion Ratio Lower Upper

180 100

182 36.2 73.0 109.6#

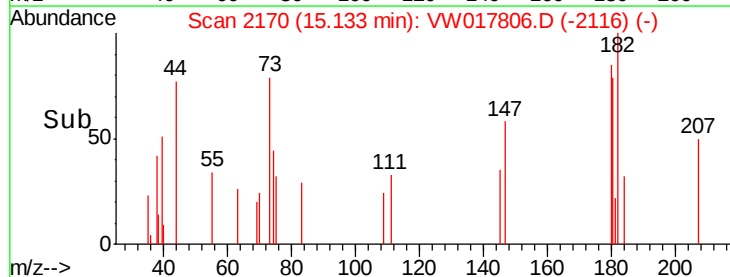
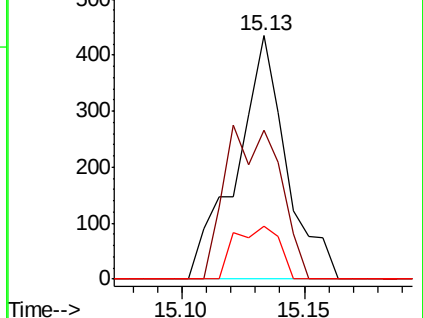
145 19.5 25.8 38.6#

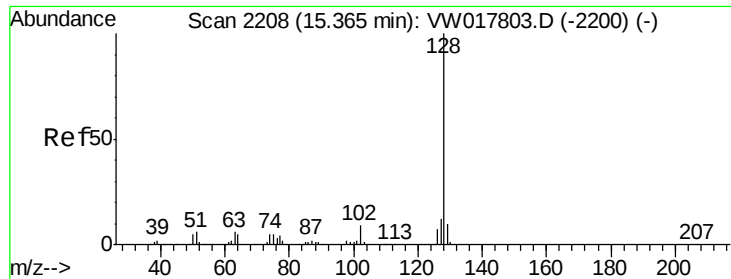


Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V





#69

Naphthalene

Concen: 0.372 ug/L

RT: 15.36 min Scan# 2208

Delta R.T. 0.00 min

Lab File: VW017806.D

Acq: 08 Jan 2021 15:51

Instrument :

MSVOA_W

ClientSampleId :

BFN59RE

Tot Ion:128 Resp: 1896

Ion Ratio Lower Upper

128 100

129 7.3 8.8 13.2#

127 10.4 10.6 15.8#

