

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120320\
 Data File : VW017529.D
 Acq On : 03 Dec 2020 11:18
 Operator : SY/VA
 Sample : L4920-03
 Misc : 4.49G/10ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG4F3

Quant Time: Dec 04 06:19:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM112420S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 04 06:16:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	501752	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	453893	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	222610	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	106102	15.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.32%
7) Chloroethane-d5	2.89	69	91388	16.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.60%
10) 1,1-Dichloroethene-d2	4.03	63	190605	12.78	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	51.12%
20) 2-Butanone-d5	7.08	46	57459	39.70	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.40%
24) Chloroform-d	7.65	84	272037	18.63	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	74.52%
26) 1,2-Dichloroethane-d4	8.31	65	141496	19.55	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	78.20%
29) Benzene-d6	8.27	84	520576	18.32	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	73.28%
33) 1,2-Dichloropropane-d6	9.27	67	151368	19.06	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	76.24%
37) Toluene-d8	10.32	98	471746	18.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	73.24%
38) trans-1,3-Dichloropropene-	10.58	79	65550	18.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	74.36%
39) 2-Hexanone-d5	10.93	63	37761	37.91	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.82%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	112956	19.50	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	78.00%
61) 1,2-Dichlorobenzene-d4	13.85	152	171306	20.39	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	81.56%

Target Compounds

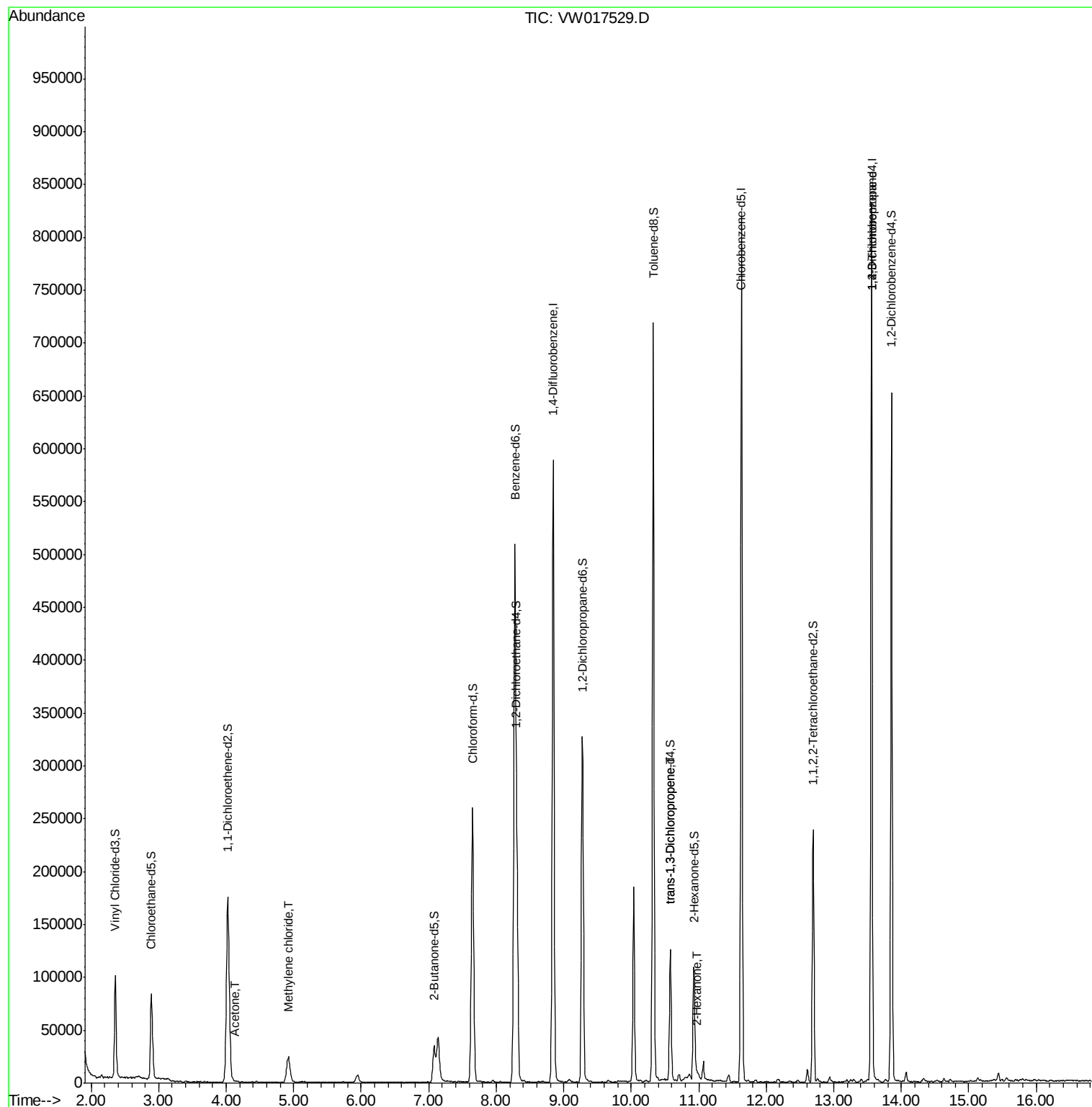
					Ovalue
13) Acetone	4.14	43	652	0.463 ug/L	67
16) Methylene chloride	4.92	84	20486	2.708 ug/L	95
45) trans-1,3-Dichloropropene	10.58	75	3168	0.366 ug/L #	75
49) 2-Hexanone	10.98	43	1164	0.527 ug/L #	90
59) 1,2,3-Trichloropropane	13.55	75	25409	6.506 ug/L	92

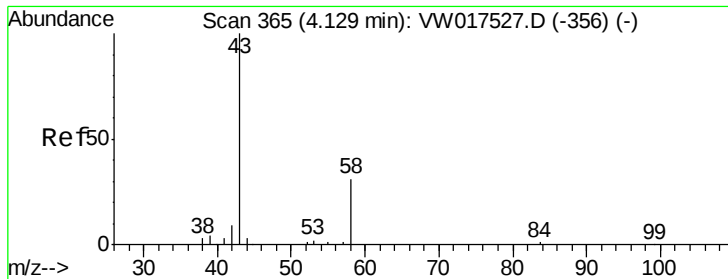
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Dec 04 06:16:45 2020
Response via : Initial Calibration





#13

Acetone

Concen: 0.463 ug/L

RT: 4.14 min Scan# 366

Delta R.T. 0.00 min

Lab File: VW017529.D

Acq: 03 Dec 2020 11:18

Instrument :

MSVOA_W

ClientSampled :

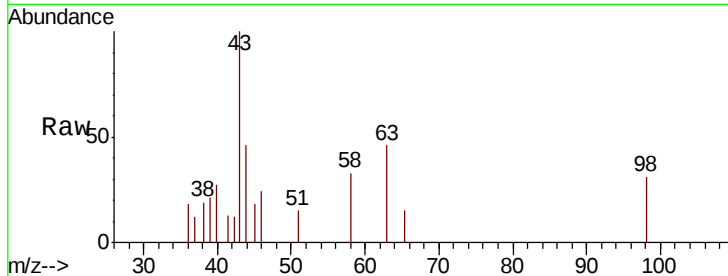
BG4F3

Tot Ion: 43 Resp: 652

Ion Ratio Lower Upper

43 100

58 15.3 0.0 68.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

400

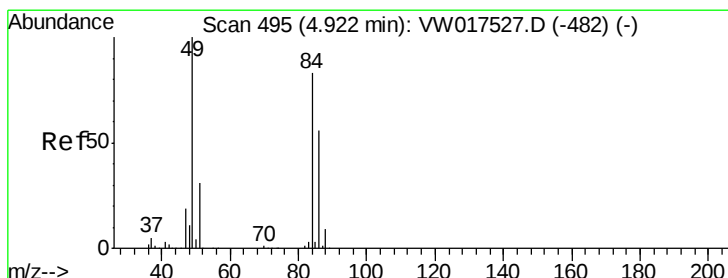
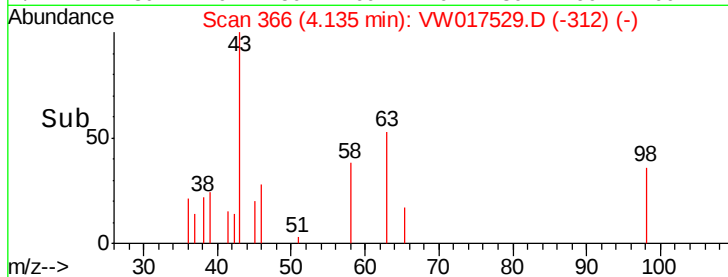
300

200

100

0

Time-->



#16

Methylene chloride

Concen: 2.708 ug/L

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW017529.D

Acq: 03 Dec 2020 11:18

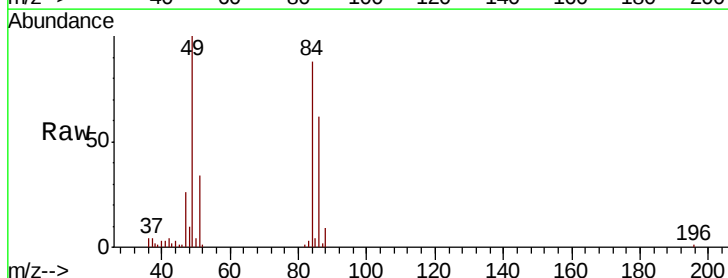
Tgt Ion: 84 Resp: 20486

Ion Ratio Lower Upper

84 100

49 113.1 81.2 150.8

86 69.7 44.5 82.7



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

8000

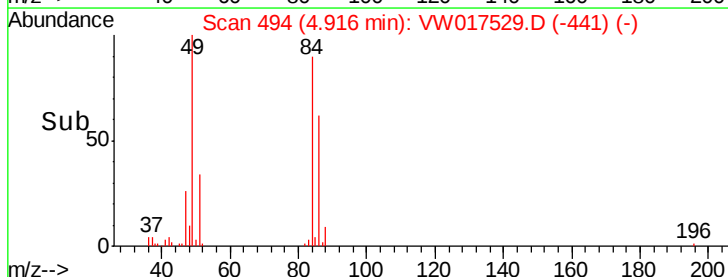
6000

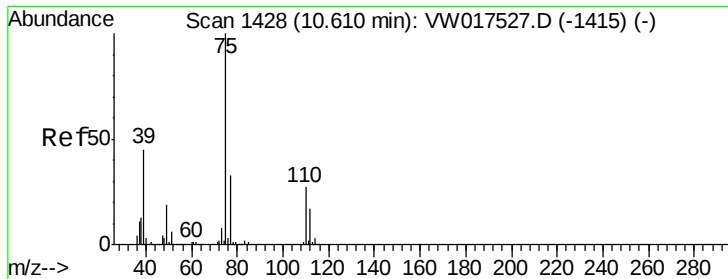
4000

2000

0

Time-->





#45

trans-1,3-Dichloropropene

Concen: 0.366 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW017529.D

Acq: 03 Dec 2020 11:18

Instrument :

MSVOA_W

ClientSampleId :

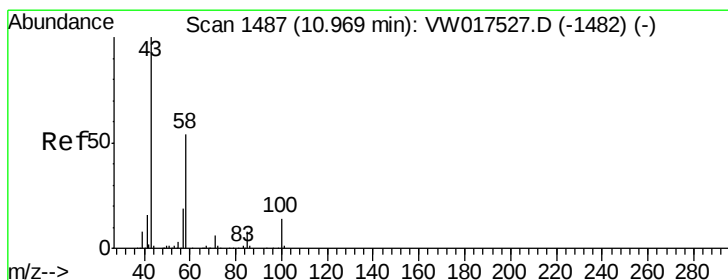
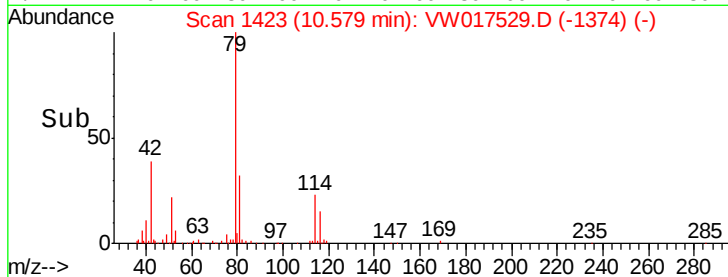
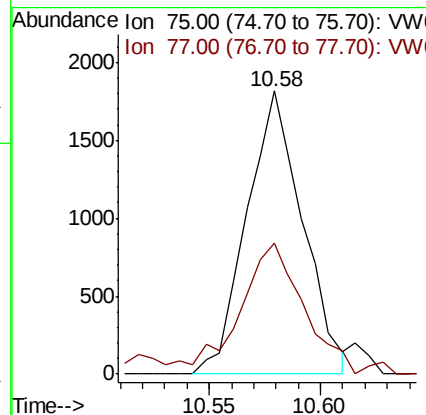
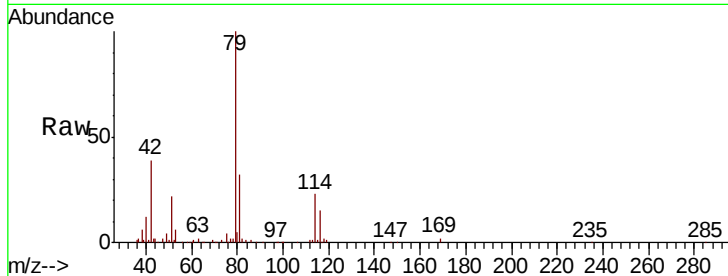
BG4F3

Tot Ion: 75 Resp: 3168

Ion Ratio Lower Upper

75 100

77 46.2 22.6 42.0#



#49

2-Hexanone

Concen: 0.527 ug/L

RT: 10.98 min Scan# 1488

Delta R.T. 0.01 min

Lab File: VW017529.D

Acq: 03 Dec 2020 11:18

Tgt Ion: 43 Resp: 1164

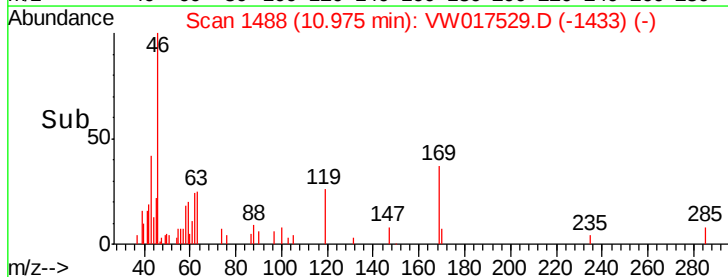
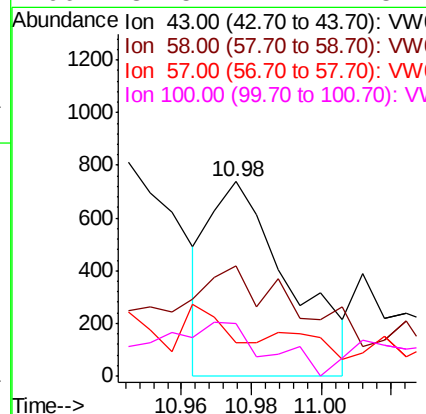
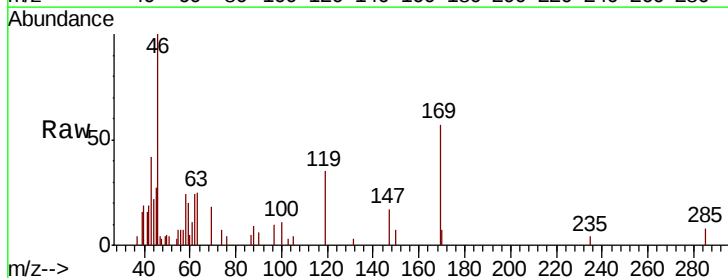
Ion Ratio Lower Upper

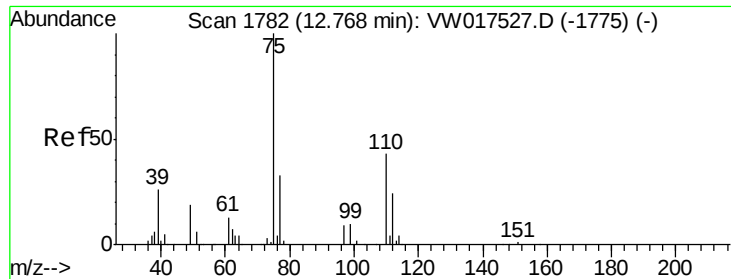
43 100

58 67.6 51.3 76.9

57 19.4 15.0 22.6

100 32.5 12.2 18.2#





#59

1,2,3-Trichloropropane

Concen: 6.506 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW017529.D

Acq: 03 Dec 2020 11:18

Instrument :

MSVOA_W

ClientSampleId :

BG4F3

Tot Ion: 75 Resp: 25409

Ion Ratio Lower Upper

75 100

77 37.8 26.6 39.8

