

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 :

Quant Time: Dec 20 00:33:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM112420S.M
 Quant Title : VOC Analysis
 QLast Update : Sun Dec 20 00:31:51 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	16.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.32%
7) Chloroethane-d5	2.89	69	91388	16.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	65.64%
10) 1,1-Dichloroethene-d2	4.03	63	190605	12.97	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	51.88%
20) 2-Butanone-d5	7.08	46	57459	41.28	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.56%
24) Chloroform-d	7.65	84	272037	19.08	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	76.32%
26) 1,2-Dichloroethane-d4	8.31	65	141496	20.23	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	80.92%
29) Benzene-d6	8.27	84	520576	18.65	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	74.60%
33) 1,2-Dichloropropane-d6	9.27	67	151368	19.60	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	78.40%
37) Toluene-d8	10.32	98	471746	18.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	74.24%
38) trans-1,3-Dichloropropene-	10.58	79	65550	18.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.96%
39) 2-Hexanone-d5	10.93	63	37761	39.50	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.00%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	112956	20.33	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	81.32%
61) 1,2-Dichlorobenzene-d4	13.85	152	171306	20.79	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	83.16%

Target Compounds

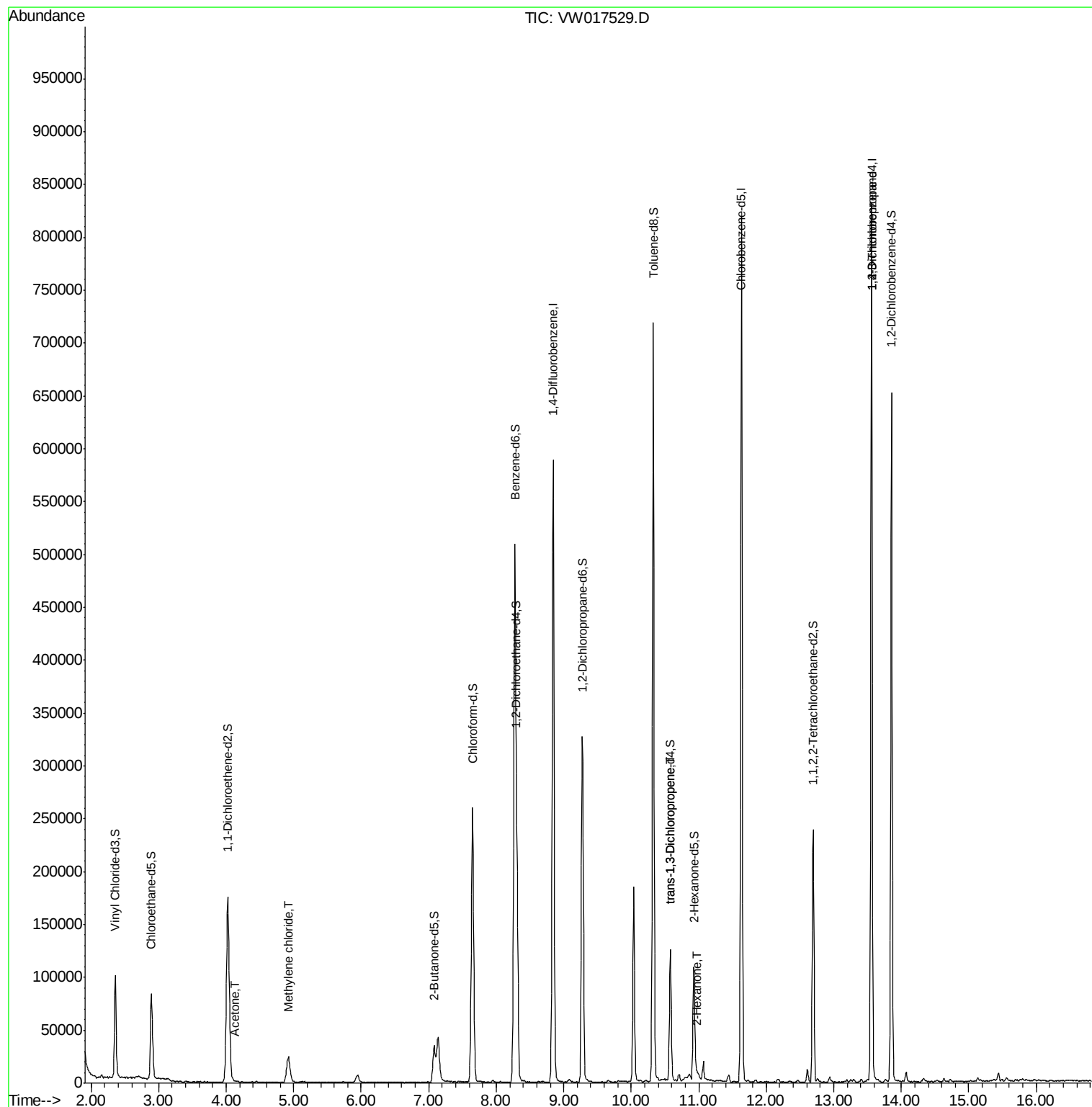
					Ovalue
13) Acetone	4.14	43	634	0.473 ug/L	68
16) Methylene chloride	4.92	84	20486	2.719 ug/L	95
45) trans-1,3-Dichloropropene	10.58	75	3168	0.372 ug/L #	75
49) 2-Hexanone	10.98	43	1164	0.559 ug/L #	90
59) 1,2,3-Trichloropropane	13.55	75	25409	6.662 ug/L	92

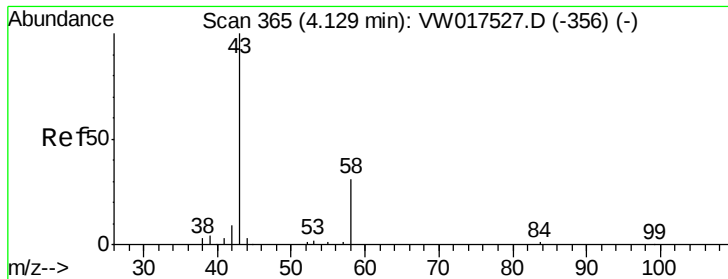
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sun Dec 20 00:31:51 2020
Response via : Initial Calibration

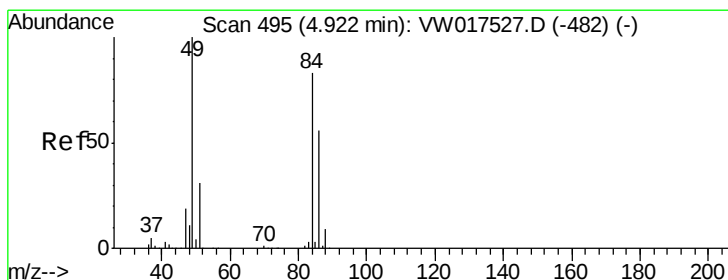
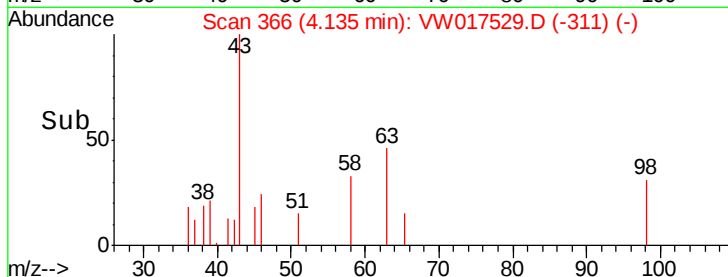
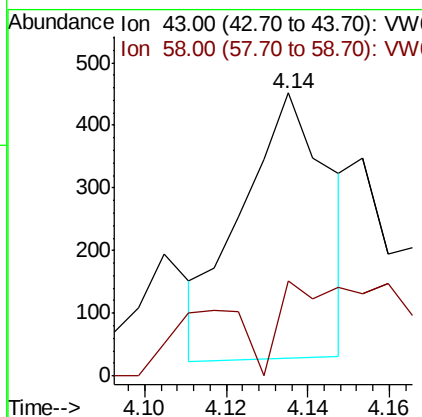
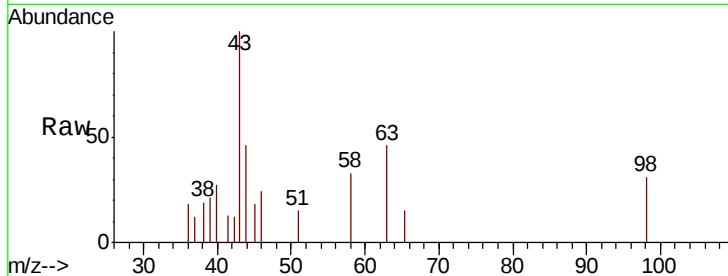




#13
Acetone
Concen: 0.473 ug/L
RT: 4.14 min Scan# 366
Delta R.T. 0.01 min
Lab File: VW017529.D
Acq: 03 Dec 2020 11:18

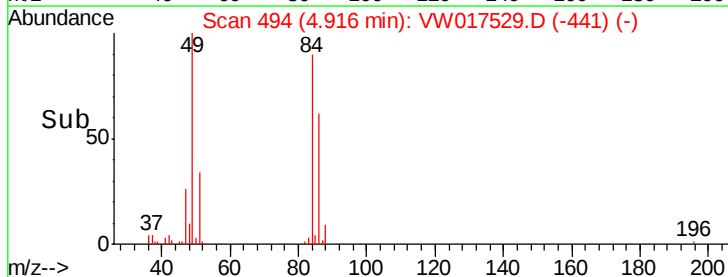
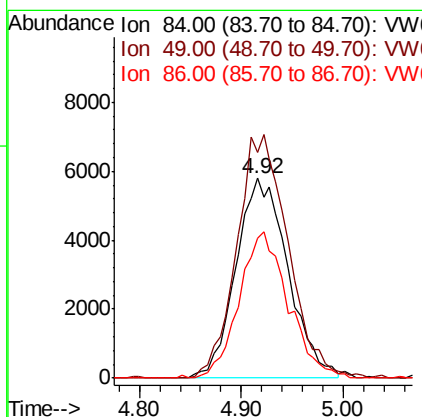
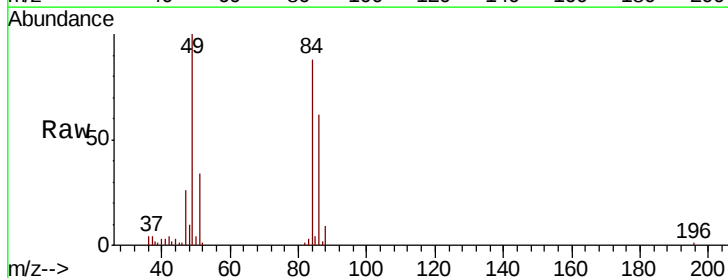
Instrument :
MSVOA_W
ClientSampleId :

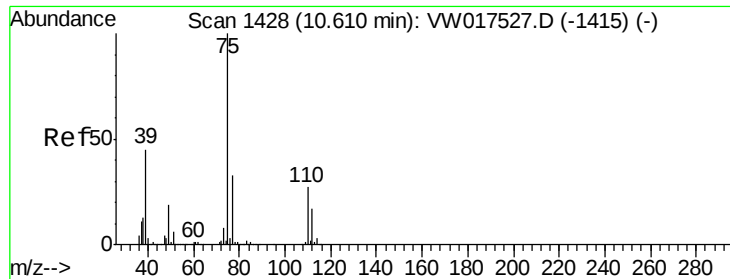
Tot Ion: 43 Resp: 634
Ion Ratio Lower Upper
43 100
58 15.8 0.0 68.4



#16
Methylene chloride
Concen: 2.719 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





#45

trans-1,3-Dichloropropene

Concen: 0.372 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

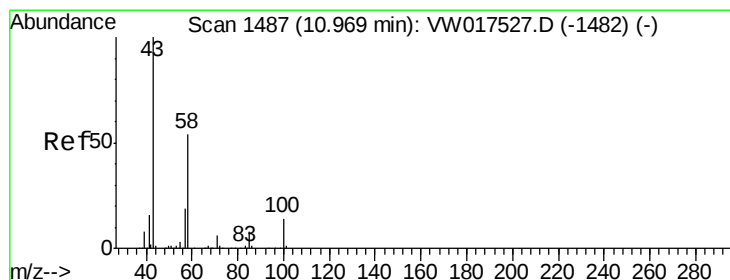
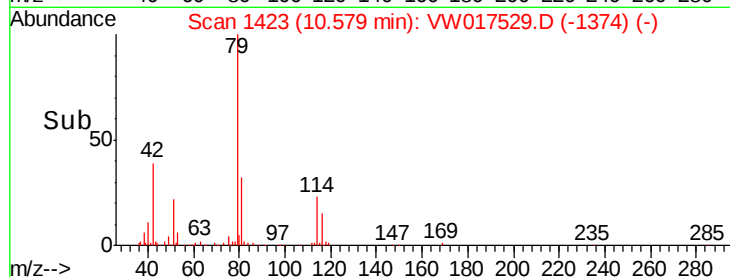
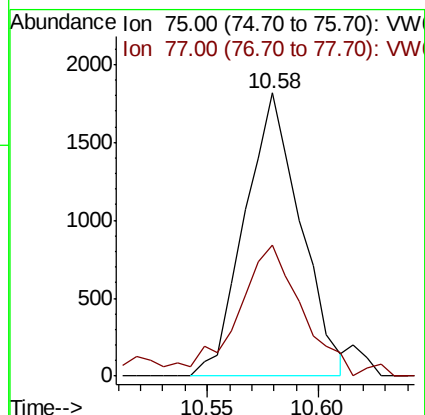
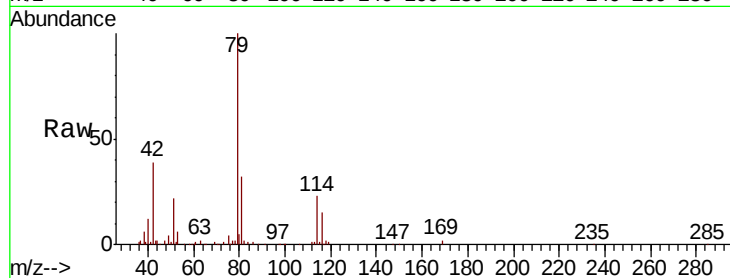
ClientSampleId :

Tot Ion: 75 Resp: 3168

Ion Ratio Lower Upper

75 100

77 46.2 22.6 42.0#



#49

2-Hexanone

Concen: 0.559 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

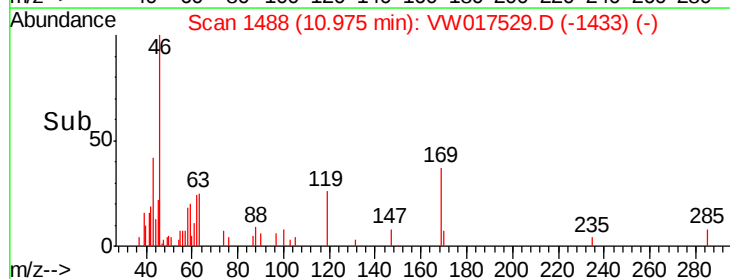
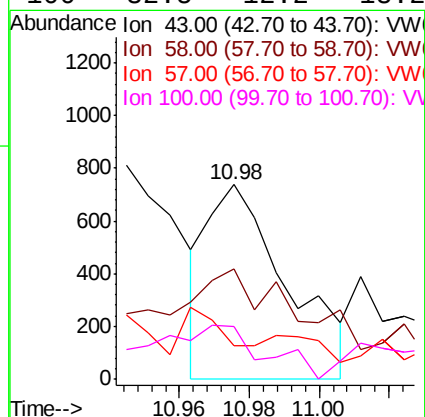
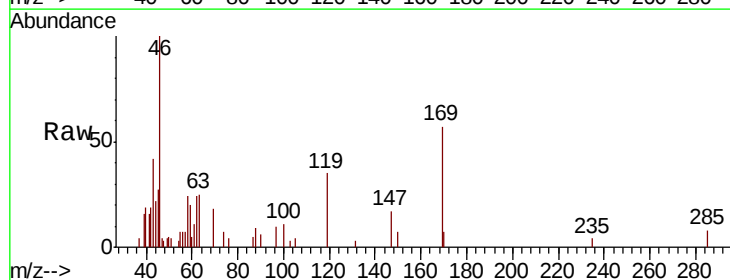
Ion Ratio Lower Upper

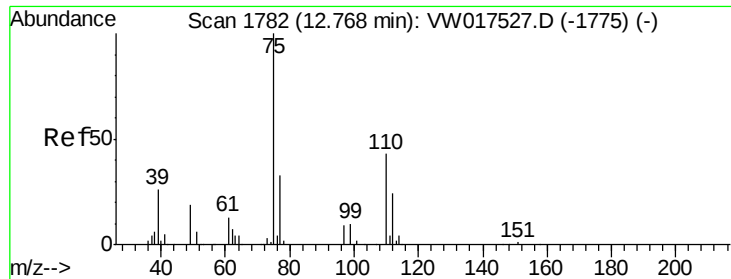
43 100

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: 6.662 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 :

Tot Ion: 75 Resp: 25409

Ion Ratio Lower Upper

75 100

77 37.8 26.6 39.8

