

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091520\
 Data File : VW016563.D
 Acq On : 15 Sep 2020 19:12
 Operator : SY/VA
 Sample : L4024-01
 Misc : 5.45G/10ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG3H1

Quant Time: Sep 16 04:38:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 16 04:36:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	691114	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	603832	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	284595	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	174401	26.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.28%
7) Chloroethane-d5	2.90	69	141792	25.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.84%
10) 1,1-Dichloroethene-d2	4.03	63	277390	18.55	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.20%
20) 2-Butanone-d5	7.09	46	64380	35.30	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	70.60%
24) Chloroform-d	7.65	84	356566	24.66	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.64%
26) 1,2-Dichloroethane-d4	8.31	65	178604	24.07	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.28%
29) Benzene-d6	8.28	84	712055	26.29	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.16%
33) 1,2-Dichloropropane-d6	9.28	67	190924	26.02	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.08%
37) Toluene-d8	10.33	98	687204	25.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.16%
38) trans-1,3-Dichloropropene-	10.58	79	86483	23.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.52%
39) 2-Hexanone-d5	10.93	63	53618	40.17	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.34%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	129392	20.72	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	82.88%
61) 1,2-Dichlorobenzene-d4	13.86	152	237808	26.15	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.60%

Target Compounds

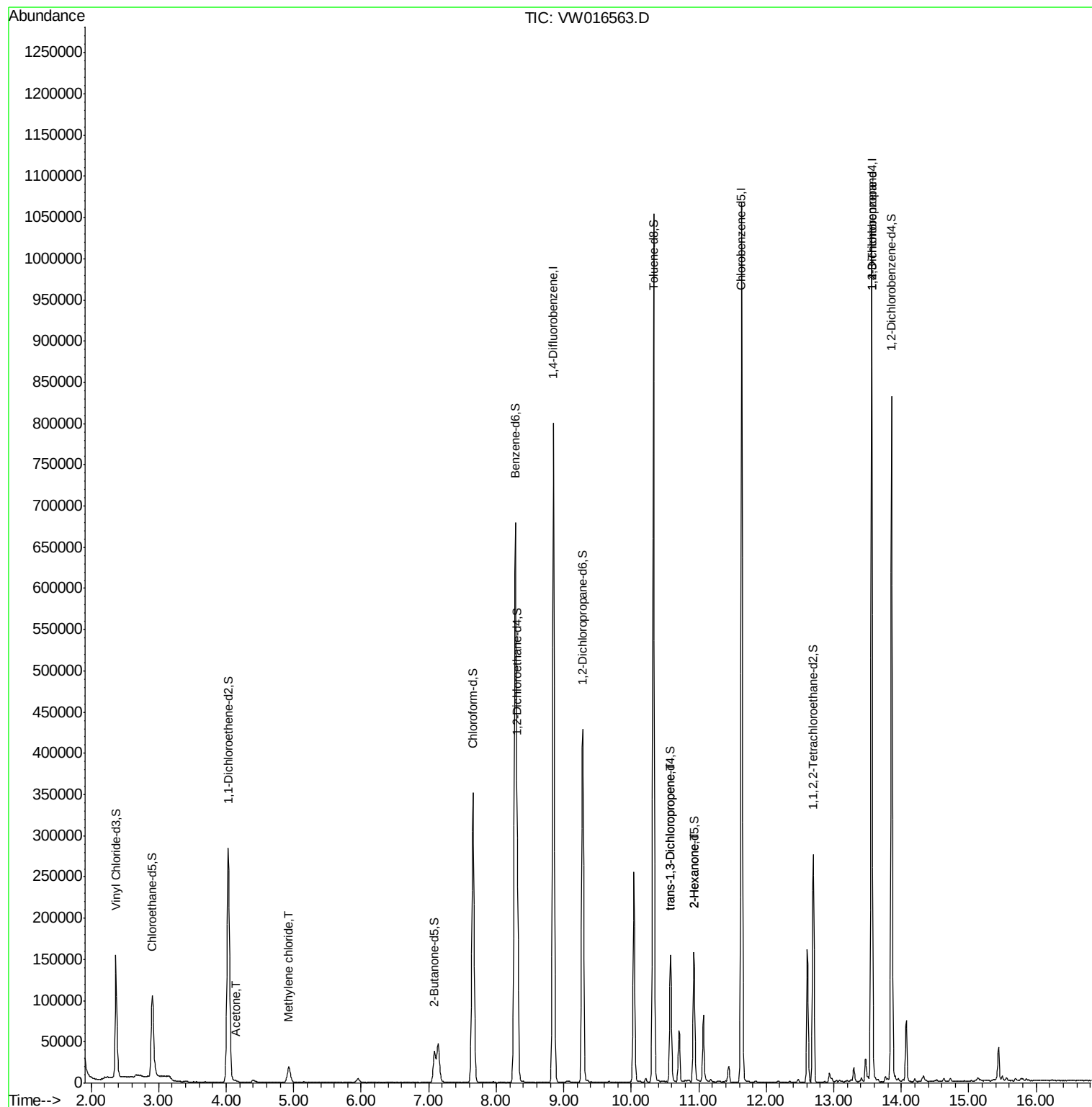
					Ovalue
13) Acetone	4.14	43	2422	1.695 ug/L	76
16) Methylene chloride	4.93	84	9740	0.914 ug/L	89
45) trans-1,3-Dichloropropene	10.58	75	4452	0.398 ug/L	98
49) 2-Hexanone	10.93	43	6614	2.179 ug/L #	66
59) 1,2,3-Trichloropropane	13.56	75	30927	5.855 ug/L	89

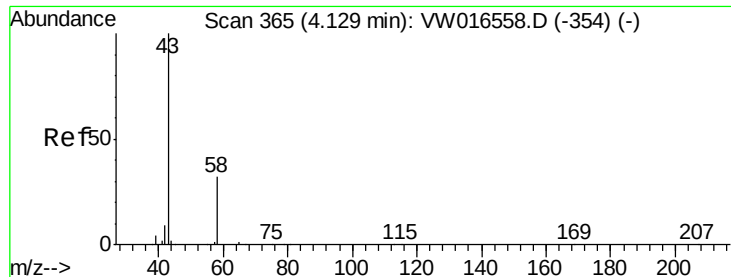
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Sep 16 04:36:48 2020
Response via : Initial Calibration





#13

Acetone

Concen: 1.695 ug/L

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

Lab File: VW016563.D

Acq: 15 Sep 2020 19:12

Instrument :

MSVOA_W

ClientSampled :

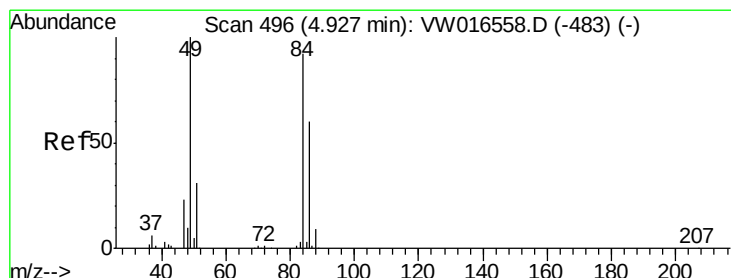
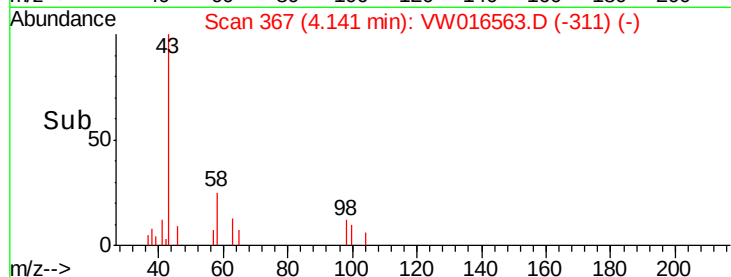
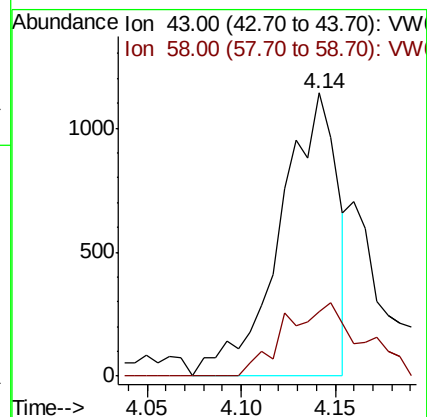
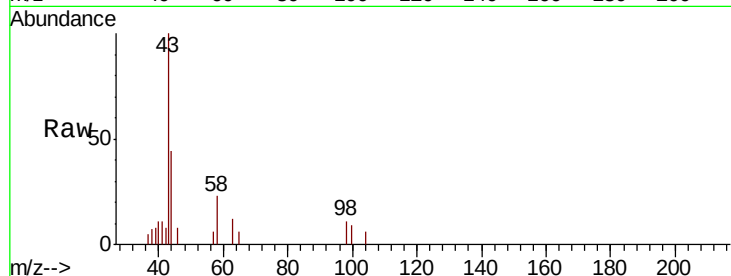
BG3H1

Tot Ion: 43 Resp: 2422

Ion Ratio Lower Upper

43 100

58 16.8 0.0 60.2



#16

Methylene chloride

Concen: 0.914 ug/L

RT: 4.93 min Scan# 496

Delta R.T. 0.00 min

Lab File: VW016563.D

Acq: 15 Sep 2020 19:12

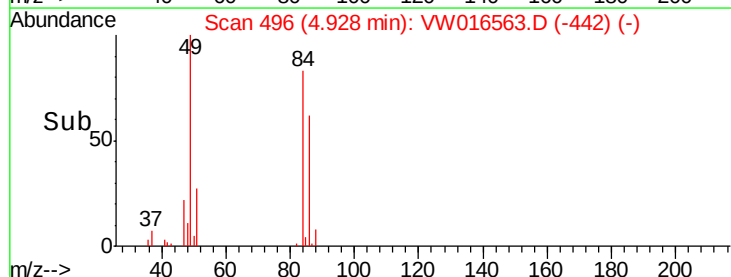
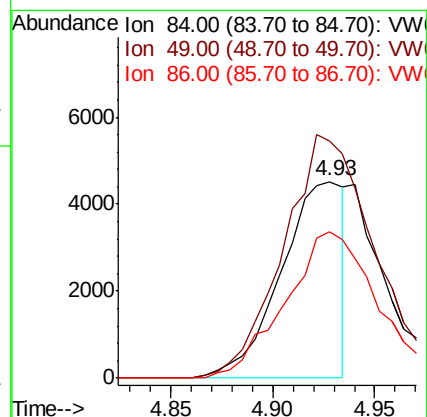
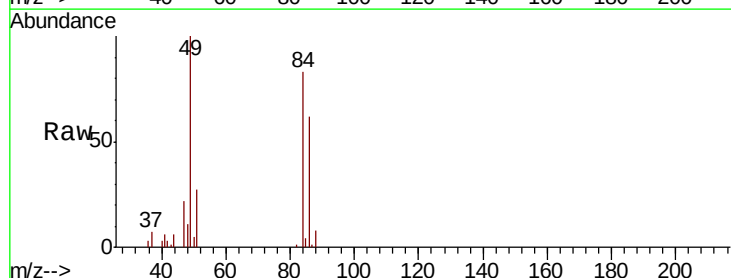
Tgt Ion: 84 Resp: 9740

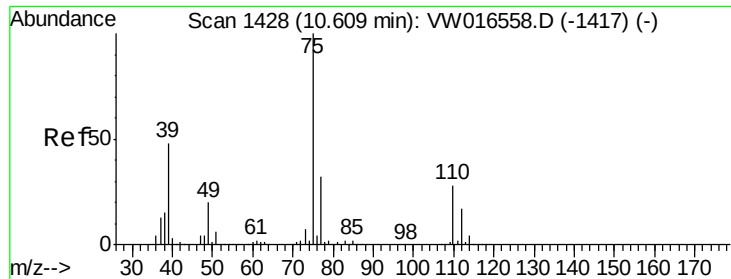
Ion Ratio Lower Upper

84 100

49 120.5 76.0 141.2

86 74.2 45.6 84.6





#45

trans-1,3-Dichloropropene

Concen: 0.398 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW016563.D

Acq: 15 Sep 2020 19:12

Instrument :

MSVOA_W

ClientSampled :

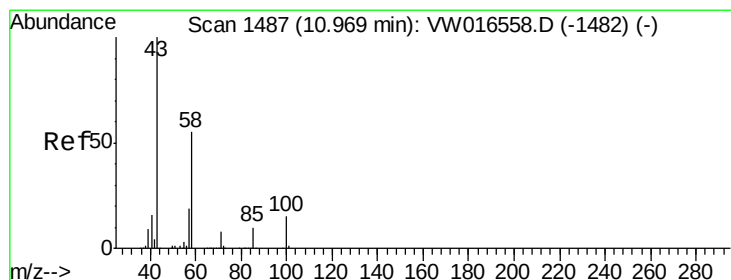
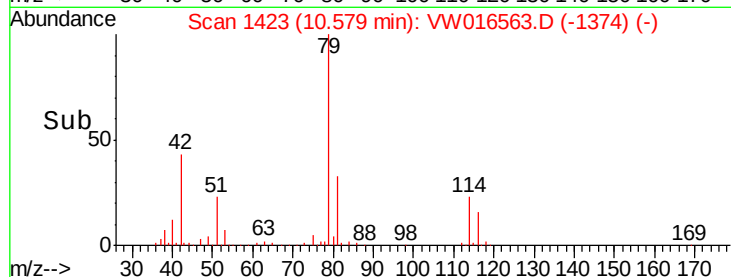
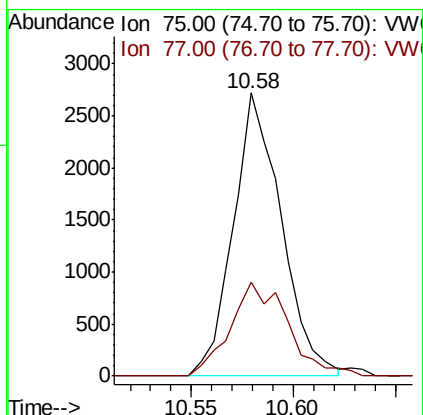
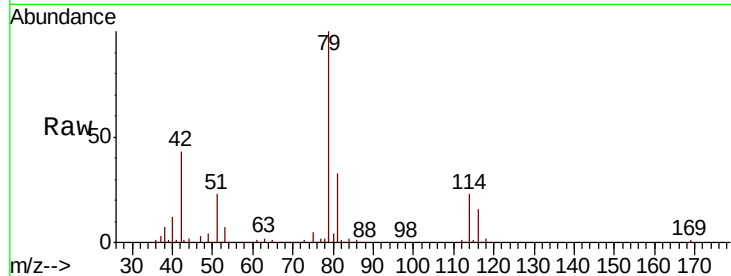
BG3H1

Tot Ion: 75 Resp: 4452

Ion Ratio Lower Upper

75 100

77 33.1 22.5 41.9



#49

2-Hexanone

Concen: 2.179 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW016563.D

Acq: 15 Sep 2020 19:12

Tgt Ion: 43 Resp: 6614

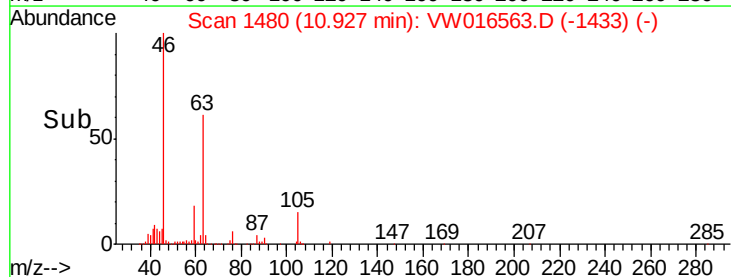
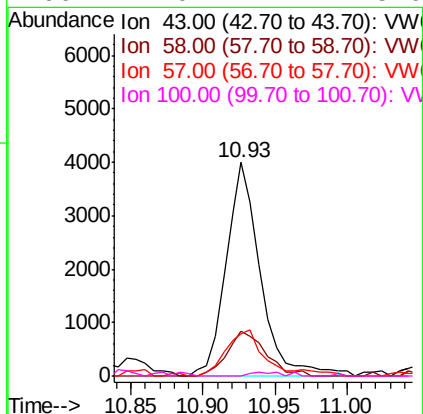
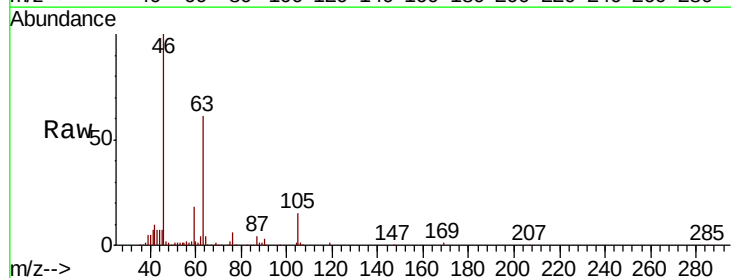
Ion Ratio Lower Upper

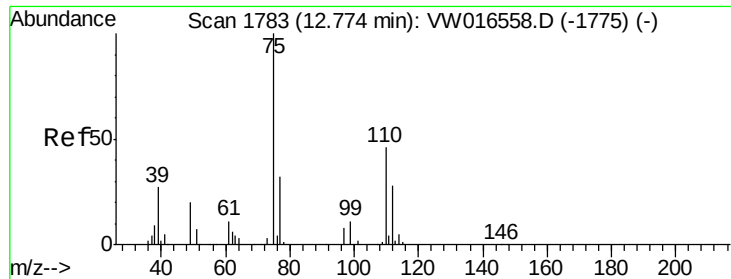
43 100

58 23.3 44.2 66.2#

57 23.2 16.3 24.5

100 1.0 12.4 18.6#





#59
 1,2,3-Trichloropropane
 Concen: 5.855 ug/L
 RT: 13.56 min Scan# 1912
 Delta R.T. 0.79 min
 Lab File: VW016563.D
 Acq: 15 Sep 2020 19:12

Instrument :
 MSVOA_W
 ClientSampleId :
 BG3H1

Tot Ion: 75 Resp: 30927
 Ion Ratio Lower Upper
 75 100
 77 38.9 26.2 39.4

