

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110220\
 Data File : VW017047.D
 Acq On : 02 Nov 2020 14:58
 Operator : SY/VA
 Sample : L4543-12
 Misc : 5.49G/10ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG470

Quant Time: Nov 03 04:57:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM102220S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 03 04:48:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	564176	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	498328	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	221524	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	141840	21.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.16%
7) Chloroethane-d5	2.90	69	117995	23.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.56%
10) 1,1-Dichloroethene-d2	4.03	63	212128	16.75	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.00%
20) 2-Butanone-d5	7.09	46	50290	41.00	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.00%
24) Chloroform-d	7.65	84	291717	22.42	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.68%
26) 1,2-Dichloroethane-d4	8.31	65	135050	22.05	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.20%
29) Benzene-d6	8.28	84	611135	23.87	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.48%
33) 1,2-Dichloropropane-d6	9.28	67	165476	23.95	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.80%
37) Toluene-d8	10.33	98	565973	23.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.92%
38) trans-1,3-Dichloropropene-	10.58	79	62394	21.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.12%
39) 2-Hexanone-d5	10.93	63	41777	43.06	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.12%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	114603	21.77	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.08%
61) 1,2-Dichlorobenzene-d4	13.86	152	192106	24.67	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.68%

Target Compounds

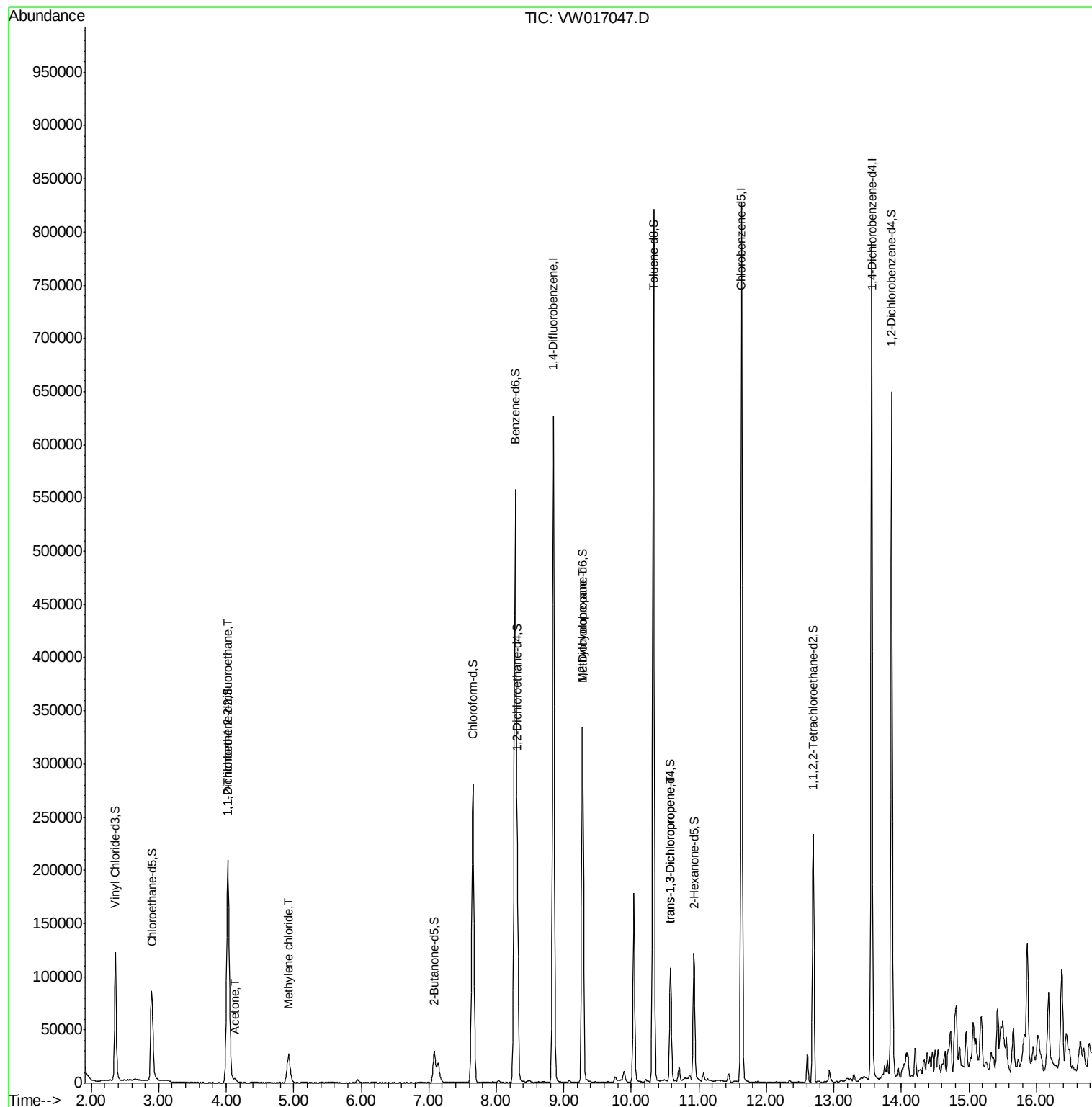
					Ovalue
11) 1,1,2-Trichloro-1,2,2-trif	4.03	101	2199	0.283 ug/L #	17
13) Acetone	4.14	43	6153	7.455 ug/L	98
16) Methylene chloride	4.92	84	23883	3.202 ug/L	92
36) Methylcyclohexane	9.27	83	41485	3.240 ug/L #	22
45) trans-1,3-Dichloropropene	10.58	75	2719	0.341 ug/L	88

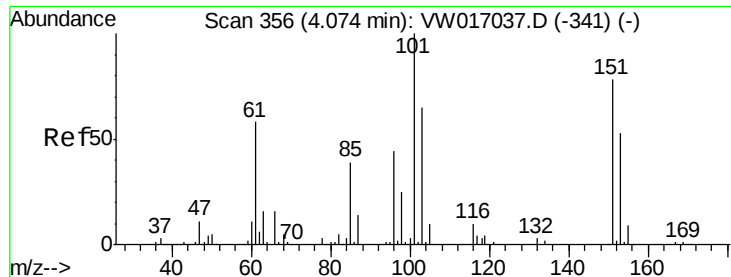
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#11

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.283 ug/L

RT: 4.03 min Scan# 348

Delta R.T. -0.05 min

Lab File: VW017047.D

Acq: 02 Nov 2020 14:58

Instrument :

MSVOA_W

ClientSampled :

BG470

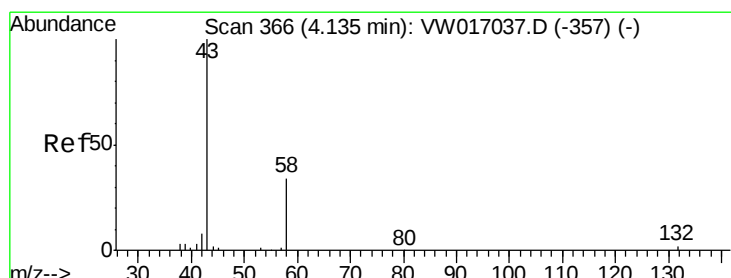
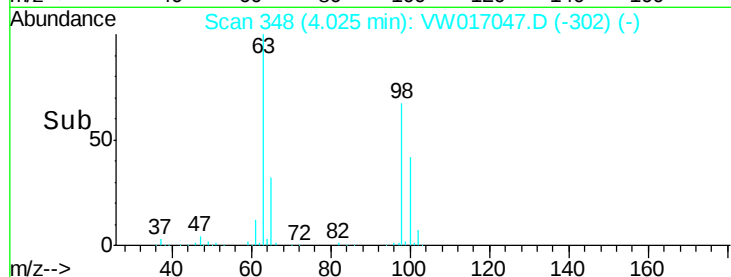
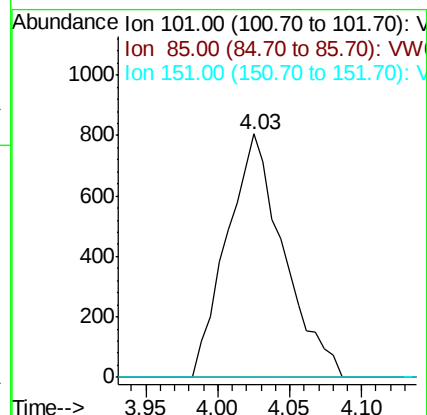
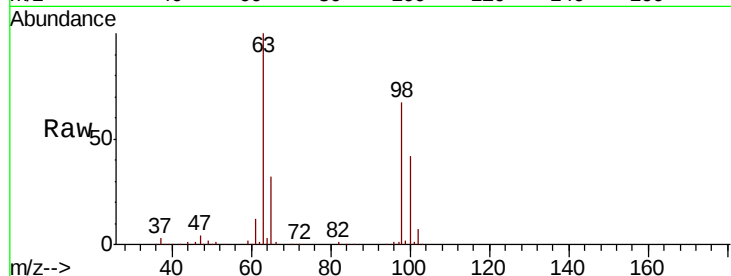
Tot Ion:101 Resp: 2199

Ion Ratio Lower Upper

101 100

85 0.0 32.5 48.7#

151 0.0 65.7 98.5#



#13

Acetone

Concen: 7.455 ug/L

RT: 4.14 min Scan# 366

Delta R.T. -0.00 min

Lab File: VW017047.D

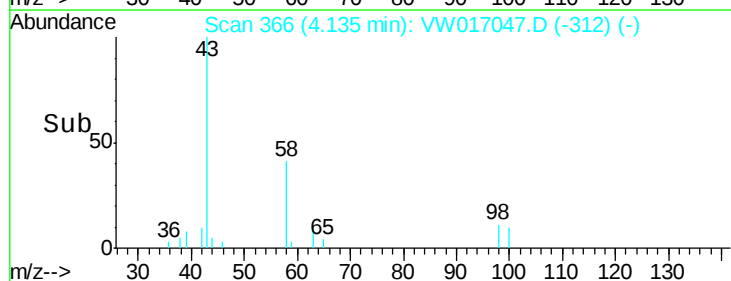
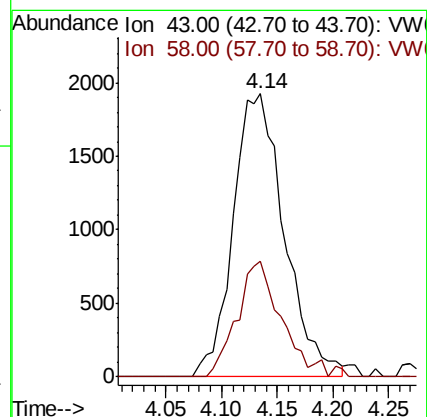
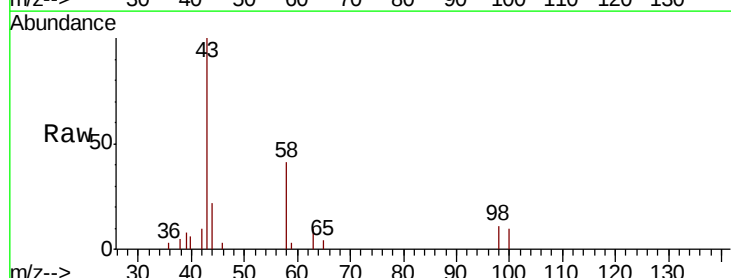
Acq: 02 Nov 2020 14:58

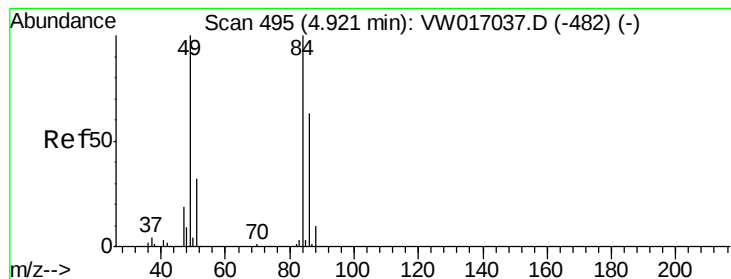
Tgt Ion: 43 Resp: 6153

Ion Ratio Lower Upper

43 100

58 33.9 0.0 69.8





#16

Methvlene chloride

Concen: 3.202 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.00 min

Lab File: VW017047.D

Acq: 02 Nov 2020 14:58

Instrument :

MSVOA_W

ClientSampleId :

BG470

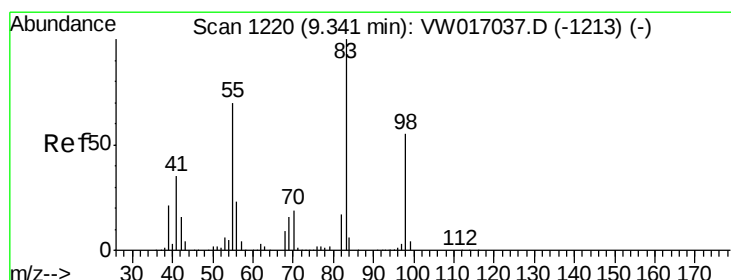
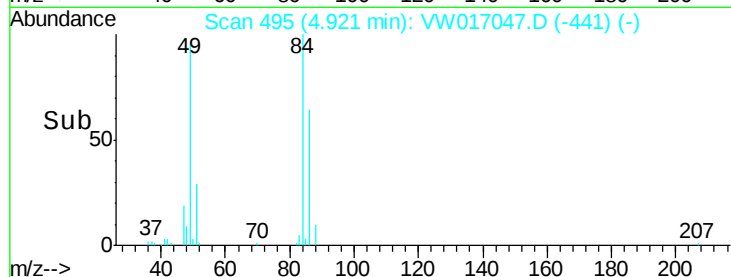
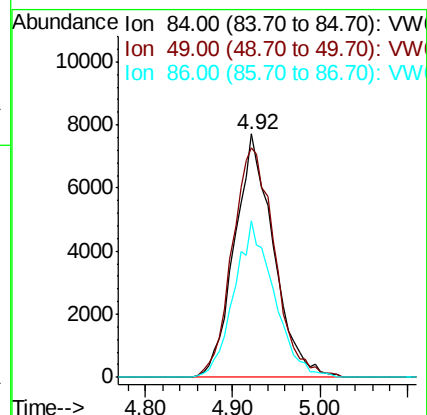
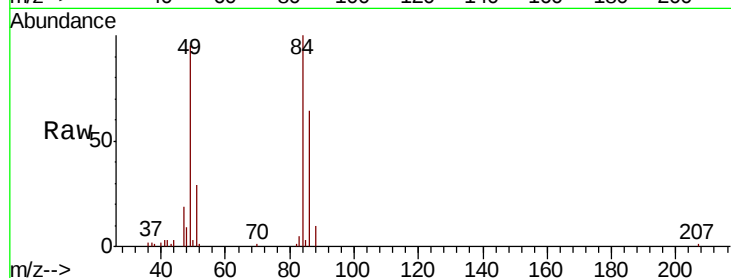
Tot Ion: 84 Resp: 23883

Ion Ratio Lower Upper

84 100

49 94.5 73.8 137.0

86 64.5 47.4 88.0



#36

Methylcyclohexane

Concen: 3.240 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.07 min

Lab File: VW017047.D

Acq: 02 Nov 2020 14:58

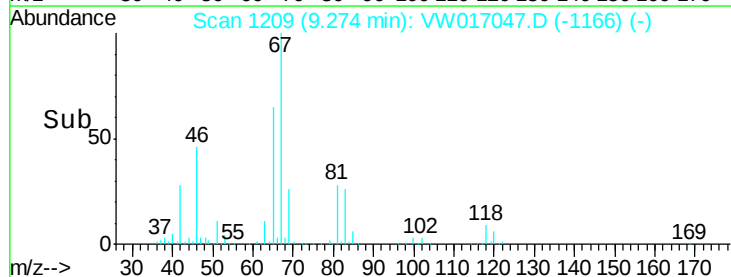
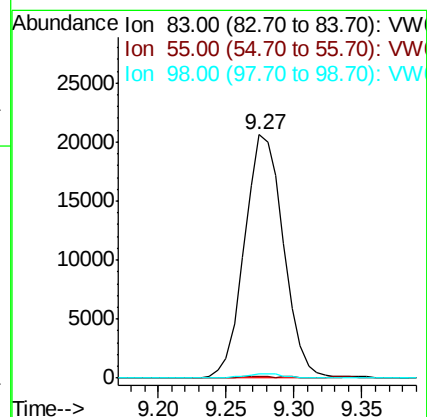
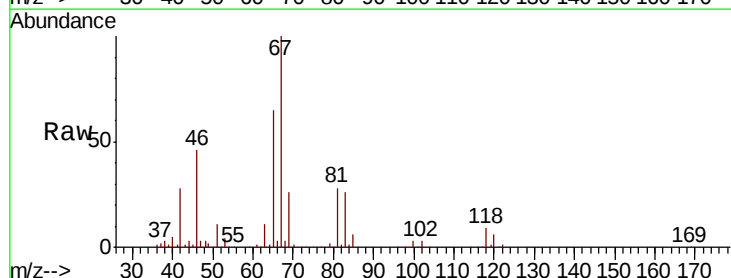
Tgt Ion: 83 Resp: 41485

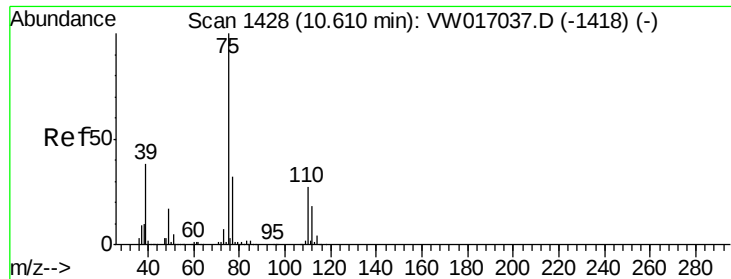
Ion Ratio Lower Upper

83 100

55 0.6 54.5 81.7#

98 1.6 40.8 61.2#





#45

trans-1,3-Dichloropropene

Concen: 0.341 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW017047.D

Acq: 02 Nov 2020 14:58

Instrument :

MSVOA_W

ClientSampleId :

BG470

Tot Ion: 75 Resp: 2719

Ion Ratio Lower Upper

75 100

77 39.4 22.7 42.3

