

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW060520\
 Data File : VW015544.D
 Acq On : 05 Jun 2020 16:22
 Operator : SY/VA
 Sample : L2933-02
 Misc : 5.86G/10ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AH3

Quant Time: Jun 06 04:10:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052620S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 06 04:08:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	375890	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	342308	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	158491	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	130345	37.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	151.36%#
7) Chloroethane-d5	2.90	69	101370	29.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	118.36%
10) 1,1-Dichloroethene-d2	4.02	63	188004	22.40	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.60%
20) 2-Butanone-d5	7.08	46	52942	47.07	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.14%
24) Chloroform-d	7.65	84	227037	26.12	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.48%
26) 1,2-Dichloroethane-d4	8.31	65	127899	26.45	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.80%
29) Benzene-d6	8.28	84	460121	27.41	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	109.64%
33) 1,2-Dichloropropane-d6	9.28	67	132653	26.00	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.00%
37) Toluene-d8	10.32	98	431365	26.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	105.72%
38) trans-1,3-Dichloropropene-	10.58	79	58684	24.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.48%
39) 2-Hexanone-d5	10.93	63	42048	47.61	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.22%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	92808	24.16	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.64%
61) 1,2-Dichlorobenzene-d4	13.85	152	135409	25.49	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.96%

Target Compounds

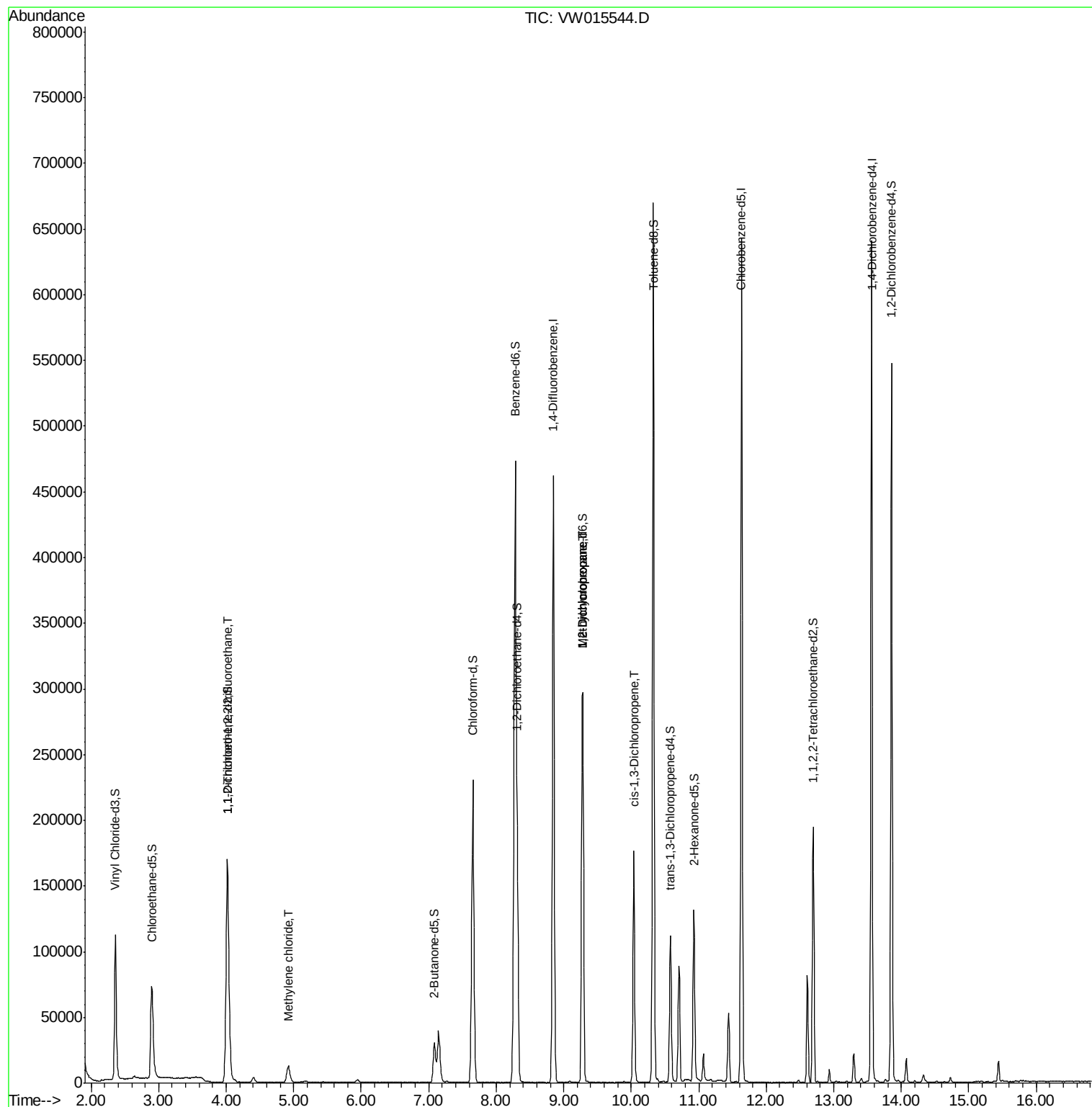
					Ovalue
11) 1,1,2-Trichloro-1,2,2-trif	4.02	101	1686	0.363 ug/L #	20
16) Methylene chloride	4.92	84	9777	2.119 ug/L	93
36) Methylcyclohexane	9.28	83	33064	3.605 ug/L #	18
40) 1,2-Dichloropropane	9.28	63	16236	3.444 ug/L #	85
42) cis-1,3-Dichloropropene	10.04	75	4597	0.609 ug/L #	65

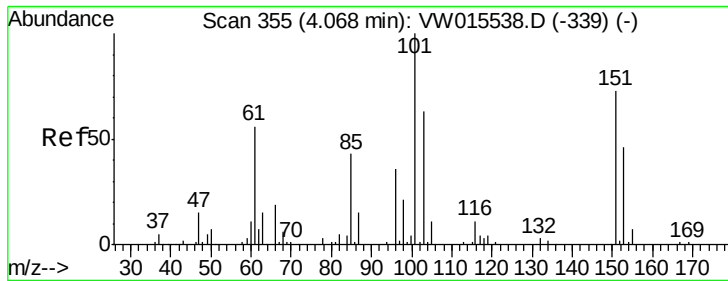
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW060520\
Data File : VW015544.D
Acq On : 05 Jun 2020 16:22
Operator : SY/VA
Sample : L2933-02
Misc : 5.86G/10ML/MSVOA W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AH3

Quant Time: Jun 06 04:10:47 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052620S.M
Quant Title : VOC Analysis
QLast Update : Sat Jun 06 04:08:46 2020
Response via : Initial Calibration





#11

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

Concen: 0.363 ug/L

RT: 4.02 min Scan# 347

Delta R.T. -0.05 min

Lab File: VW015544.D

Acq: 05 Jun 2020 16:22

Instrument :

MSVOA_W

ClientSampleId :

C0AH3

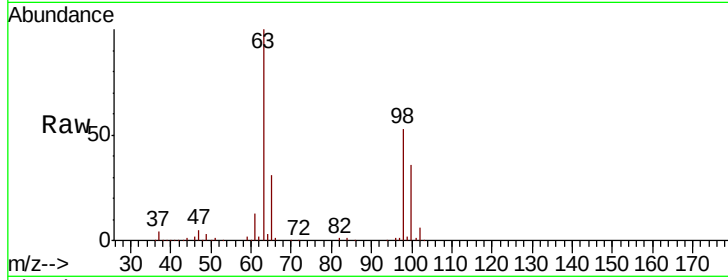
Tot Ion:101 Resp: 1686

Ion Ratio Lower Upper

101 100

85 0.0 35.1 52.7#

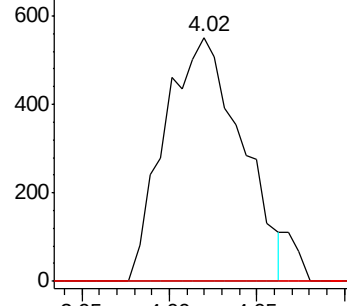
151 0.0 58.6 87.8#



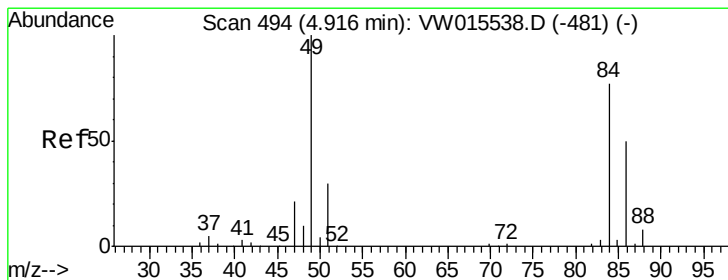
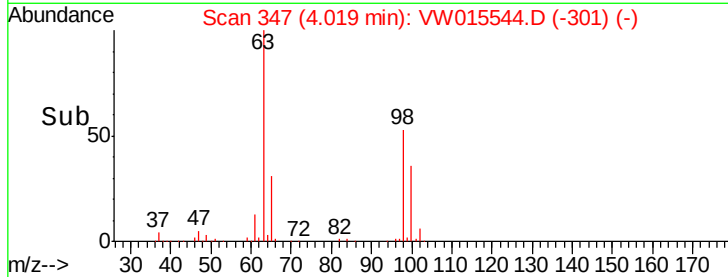
Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VW

Ion 151.00 (150.70 to 151.70): V



Time-->



#16

Methylene chloride

Concen: 2.119 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW015544.D

Acq: 05 Jun 2020 16:22

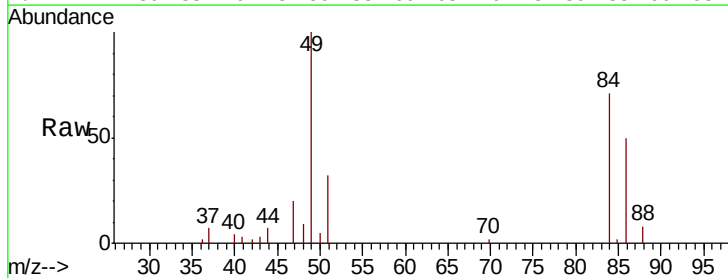
Tgt Ion: 84 Resp: 9777

Ion Ratio Lower Upper

84 100

49 140.9 93.0 172.8

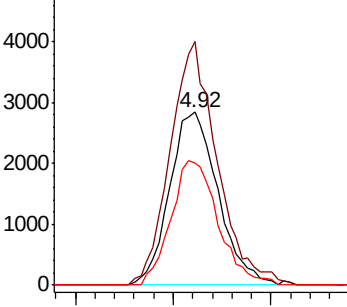
86 70.4 44.7 83.1



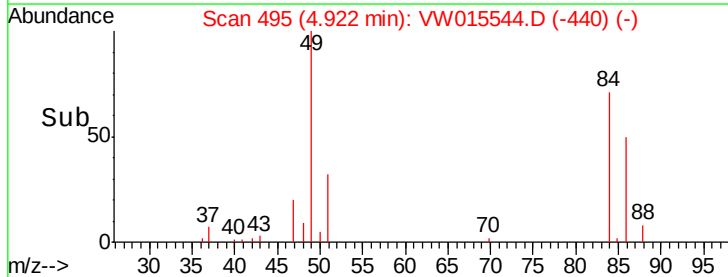
Abundance Ion 84.00 (83.70 to 84.70): VW

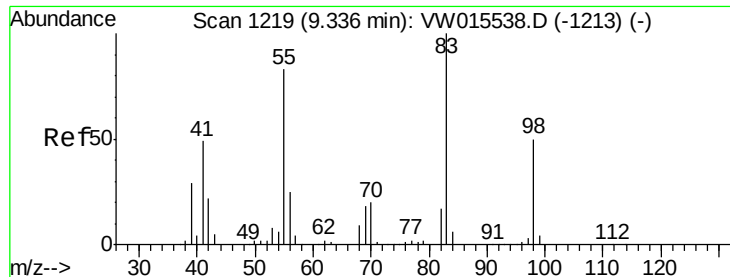
Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW



Time-->

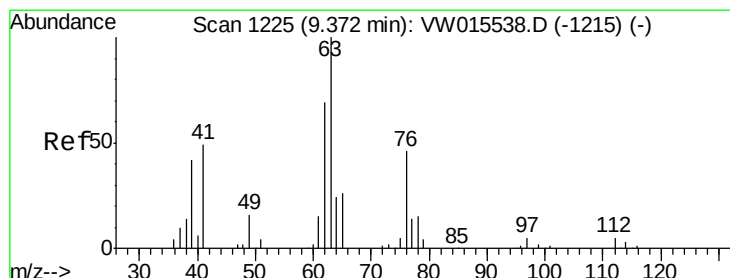
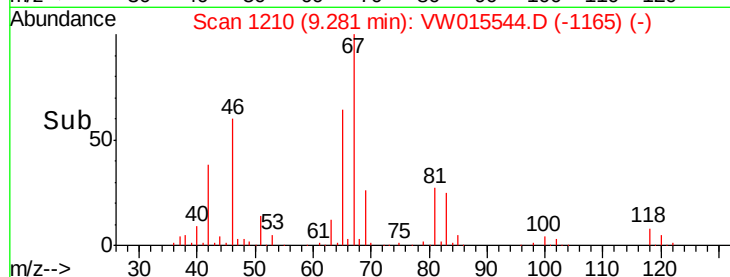
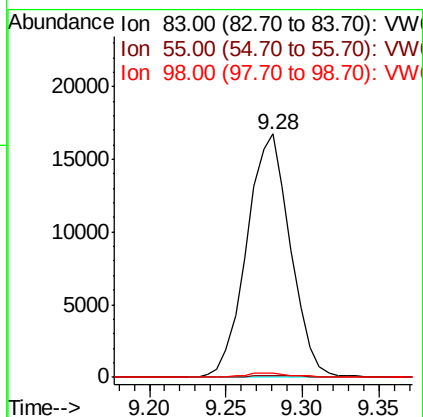
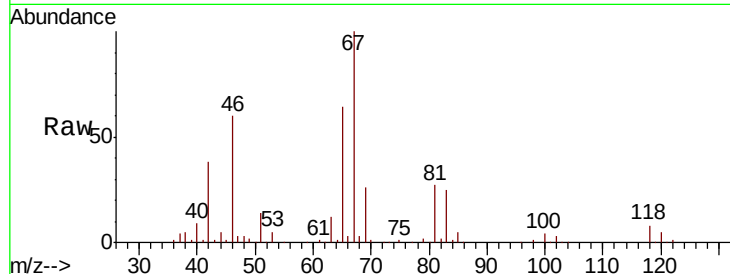




#36
Methylvlcyclohexane
Concen: 3.605 ug/L
RT: 9.28 min Scan# 1210
Delta R.T. -0.05 min
Lab File: VW015544.D
Acq: 05 Jun 2020 16:22

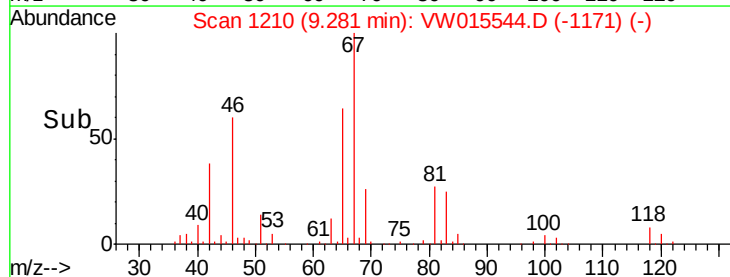
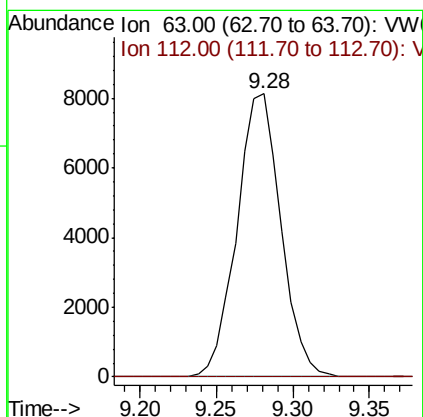
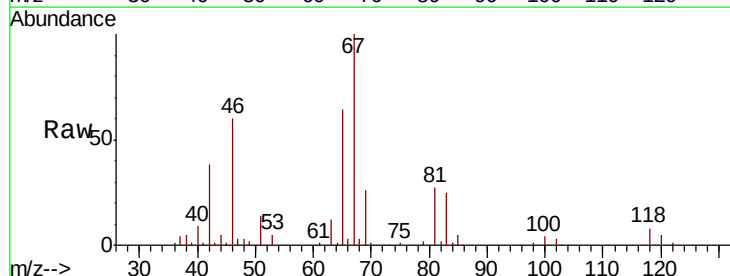
Instrument :
MSVOA_W
ClientSampleId :
C0AH3

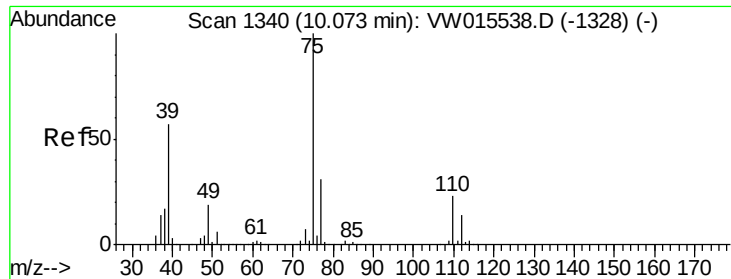
Tot Ion: 83 Resp: 33064
Ion Ratio Lower Upper
83 100
55 0.3 62.8 94.2#
98 1.8 39.2 58.8#



#40
1,2-Dichloropropane
Concen: 3.444 ug/L
RT: 9.28 min Scan# 1210
Delta R.T. -0.09 min
Lab File: VW015544.D
Acq: 05 Jun 2020 16:22

Tgt Ion: 63 Resp: 16236
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.8#





#42

cis-1,3-Dichloropropene

Concen: 0.609 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW015544.D

Acq: 05 Jun 2020 16:22

Instrument :

MSVOA_W

ClientSampleId :

C0AH3

Tot Ion: 75 Resp: 4597

Ion Ratio Lower Upper

75 100

77 51.3 22.3 41.5#

