

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW052820\
 Data File : VW015515.D
 Acq On : 28 May 2020 12:25
 Operator : SY/VA
 Sample : L2755-21
 Misc : 5.02G/10.0mL/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: May 29 03:25:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052620S.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 29 03:23:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	352618	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	319094	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	143772	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	95215	29.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	117.88%
7) Chloroethane-d5	2.90	69	89404	27.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	111.28%
10) 1,1-Dichloroethene-d2	4.01	63	149609	19.00	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.00%
20) 2-Butanone-d5	7.08	46	57559	54.56	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.12%
24) Chloroform-d	7.65	84	195705	24.00	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.00%
26) 1,2-Dichloroethane-d4	8.31	65	114028	25.14	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.56%
29) Benzene-d6	8.27	84	395045	25.24	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.96%
33) 1,2-Dichloropropane-d6	9.27	67	117833	24.78	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.12%
37) Toluene-d8	10.32	98	370244	24.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.36%
38) trans-1,3-Dichloropropene-	10.58	79	48154	21.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.56%
39) 2-Hexanone-d5	10.93	63	46132	56.03	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.06%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	91745	25.62	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.48%
61) 1,2-Dichlorobenzene-d4	13.85	152	122247	25.37	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.48%

Target Compounds

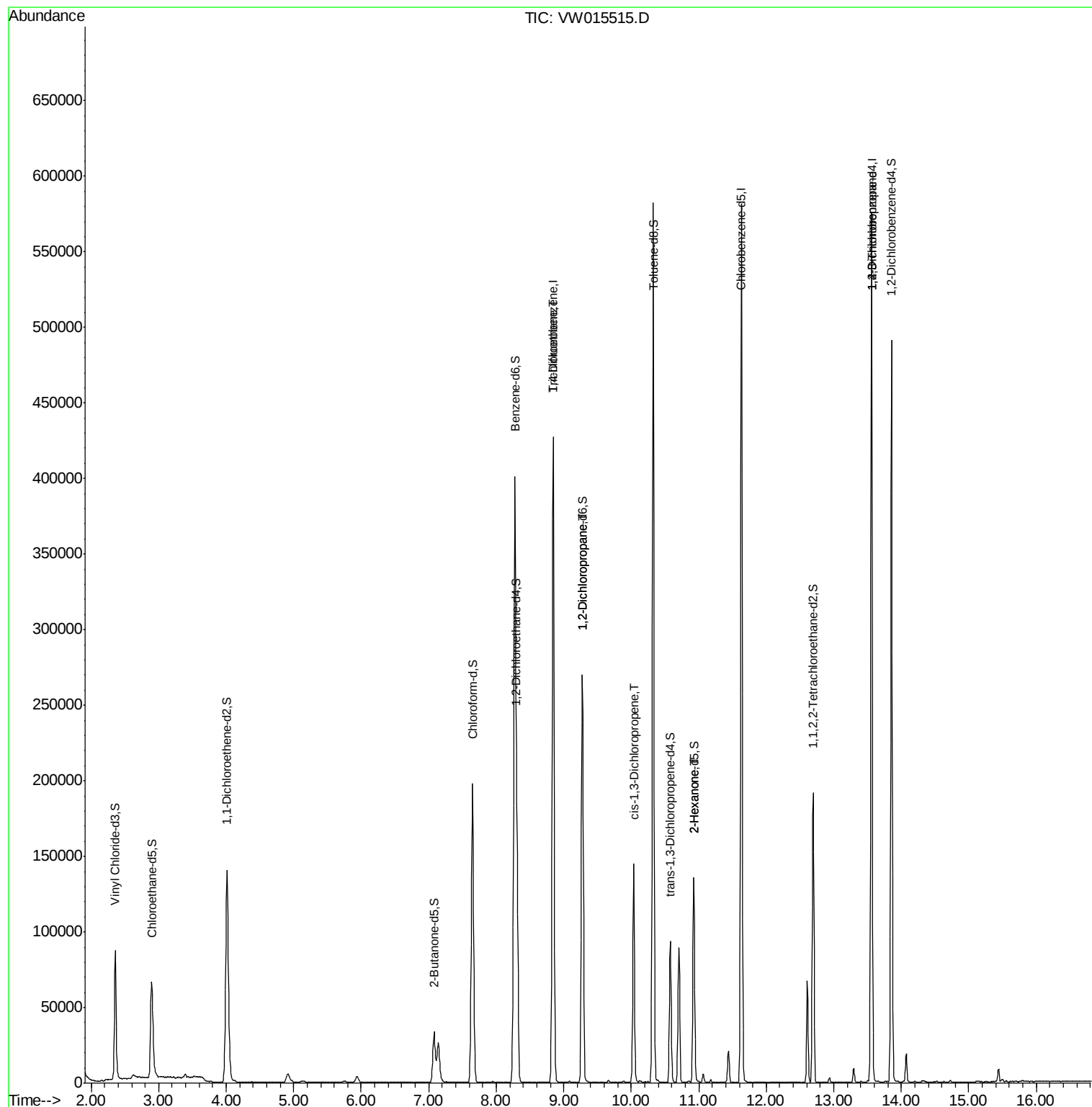
					Ovalue
35) Trichloroethene	8.84	95	10873	2.268 ug/L #	5
40) 1,2-Dichloropropane	9.28	63	14346	3.265 ug/L #	85
42) cis-1,3-Dichloropropene	10.04	75	3864	0.549 ug/L #	64
49) 2-Hexanone	10.92	43	6021	3.463 ug/L #	66
59) 1,2,3-Trichloropropane	13.55	75	18519	6.862 ug/L	90

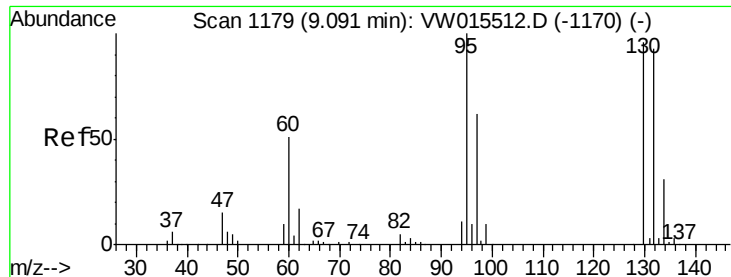
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#35

Trichloroethene

Concen: 2.268 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW015515.D

Acq: 28 May 2020 12:25

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 95 Resp: 10873

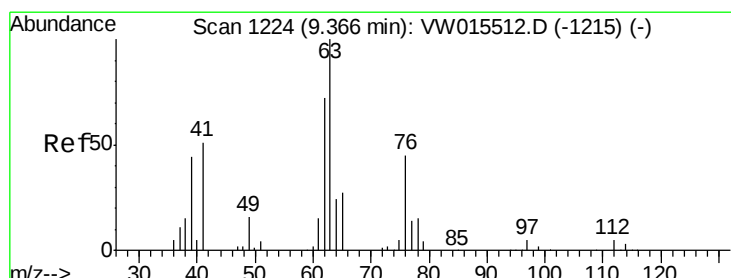
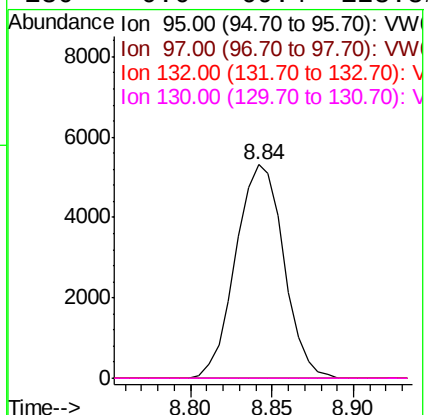
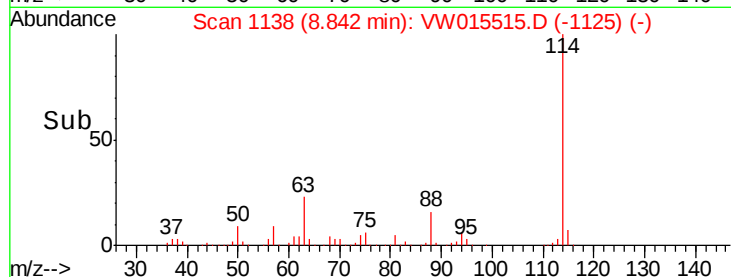
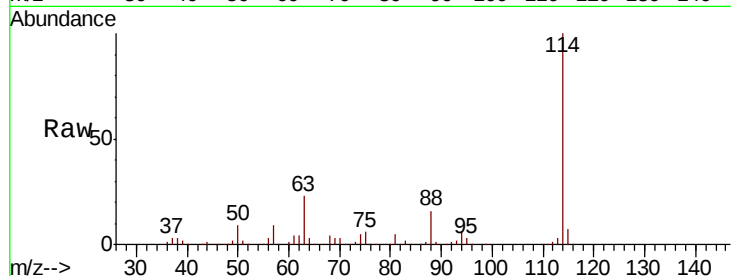
Ion Ratio Lower Upper

95 100

97 0.0 45.4 84.2#

132 0.0 67.1 124.7#

130 0.0 69.4 128.8#



#40

1,2-Dichloropropane

Concen: 3.265 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.09 min

Lab File: VW015515.D

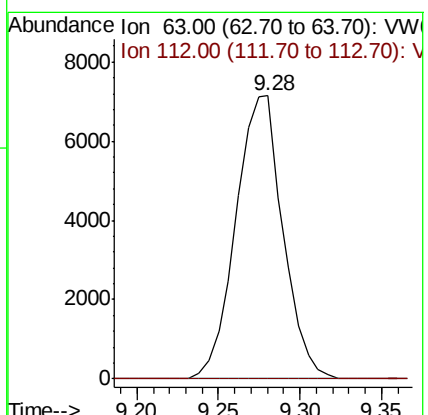
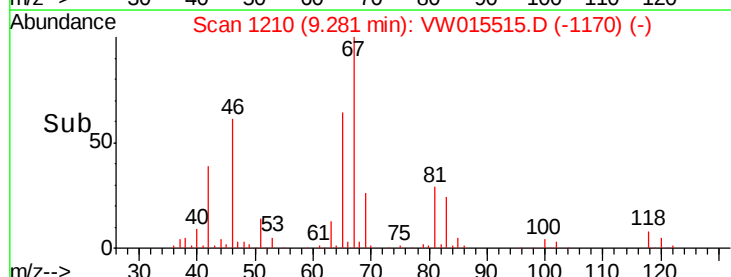
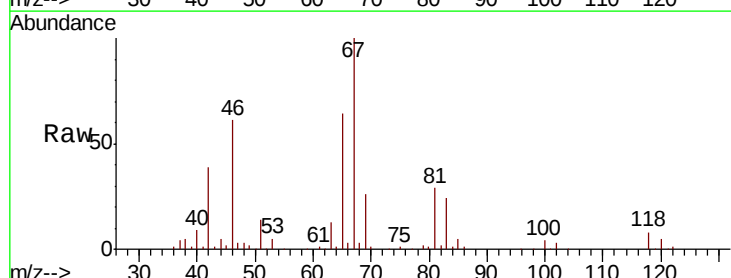
Acq: 28 May 2020 12:25

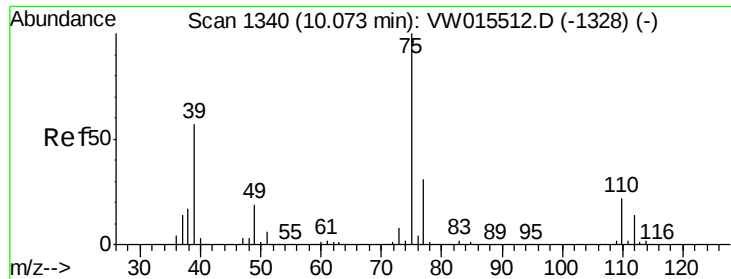
Tgt Ion: 63 Resp: 14346

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.8#





#42

cis-1,3-Dichloropropene

Concen: 0.549 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW015515.D

Acq: 28 May 2020 12:25

Instrument :

MSVOA_W

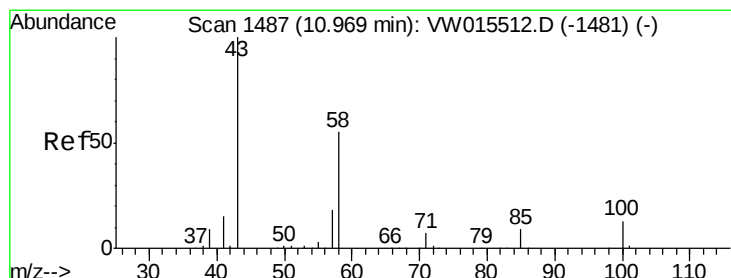
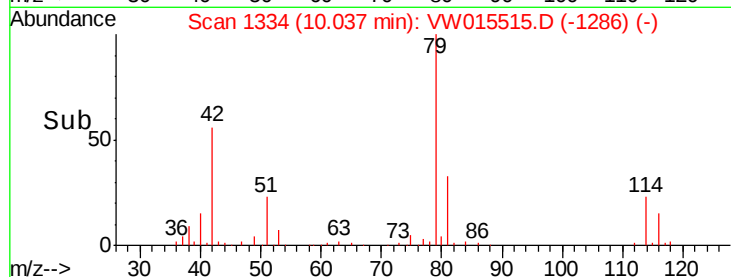
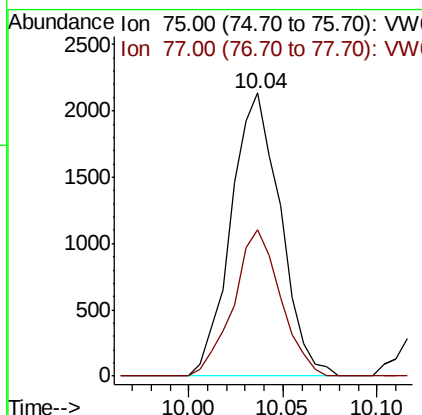
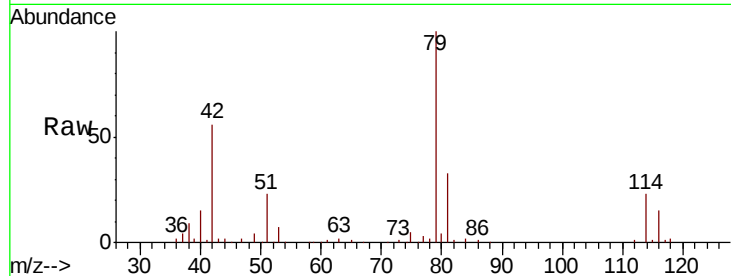
ClientSampled :

Tot Ion: 75 Resp: 3864

Ion Ratio Lower Upper

75 100

77 51.9 22.3 41.5#



#49

2-Hexanone

Concen: 3.463 ug/L

RT: 10.92 min Scan# 1479

Delta R.T. -0.05 min

Lab File: VW015515.D

Acq: 28 May 2020 12:25

Tgt Ion: 43 Resp: 6021

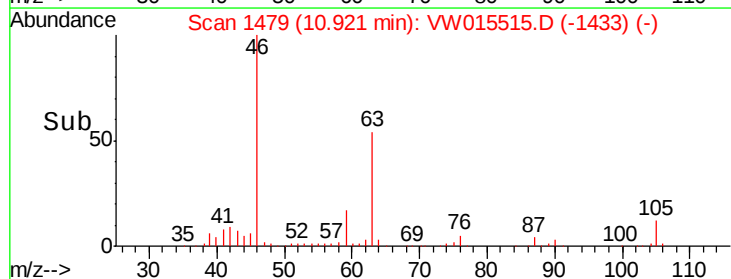
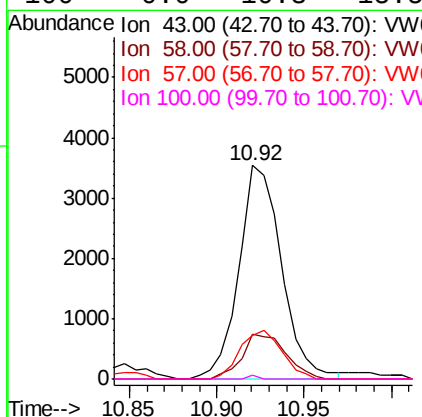
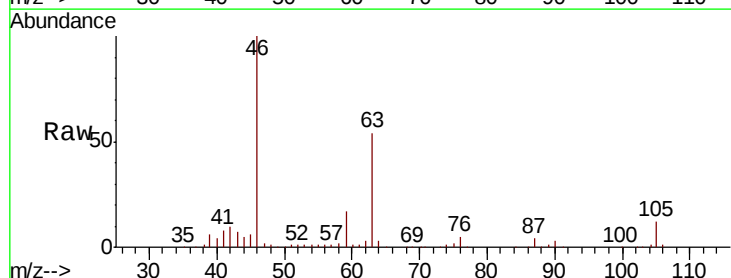
Ion Ratio Lower Upper

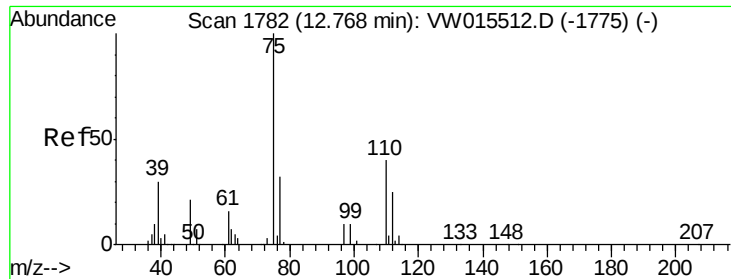
43 100

58 21.8 42.6 64.0#

57 22.2 15.5 23.3

100 0.0 10.3 15.5#





#59

1,2,3-Trichloropropane

Concen: 6.862 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW015515.D

Acq: 28 May 2020 12:25

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 75 Resp: 18519

Ion Ratio Lower Upper

75 100

77 37.8 25.9 38.9

