

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081020\
 Data File : VW016111.D
 Acq On : 10 Aug 2020 19:53
 Operator : SY/VA
 Sample : L3598-14
 Misc : 5.08G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAY70

Quant Time: Aug 11 01:59:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081020S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 11 01:19:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	417767	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	365847	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	132236	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	118516	22.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.52%
7) Chloroethane-d5	2.89	69	86025	21.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.52%
10) 1,1-Dichloroethene-d2	4.01	63	188002	17.09	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.36%
20) 2-Butanone-d5	7.09	46	86272	63.30	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	126.60%
24) Chloroform-d	7.65	84	255853	22.82	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.28%
26) 1,2-Dichloroethane-d4	8.31	65	154744	25.99	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.96%
29) Benzene-d6	8.27	84	497464	25.00	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.00%
33) 1,2-Dichloropropane-d6	9.27	67	147293	25.17	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.68%
37) Toluene-d8	10.32	98	443992	24.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.28%
38) trans-1,3-Dichloropropene-	10.58	79	67385	25.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	102.48%
39) 2-Hexanone-d5	10.93	63	71124	70.45	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	140.90%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	142630	29.94	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	119.76%
61) 1,2-Dichlorobenzene-d4	13.85	152	121667	25.96	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.84%

Target Compounds

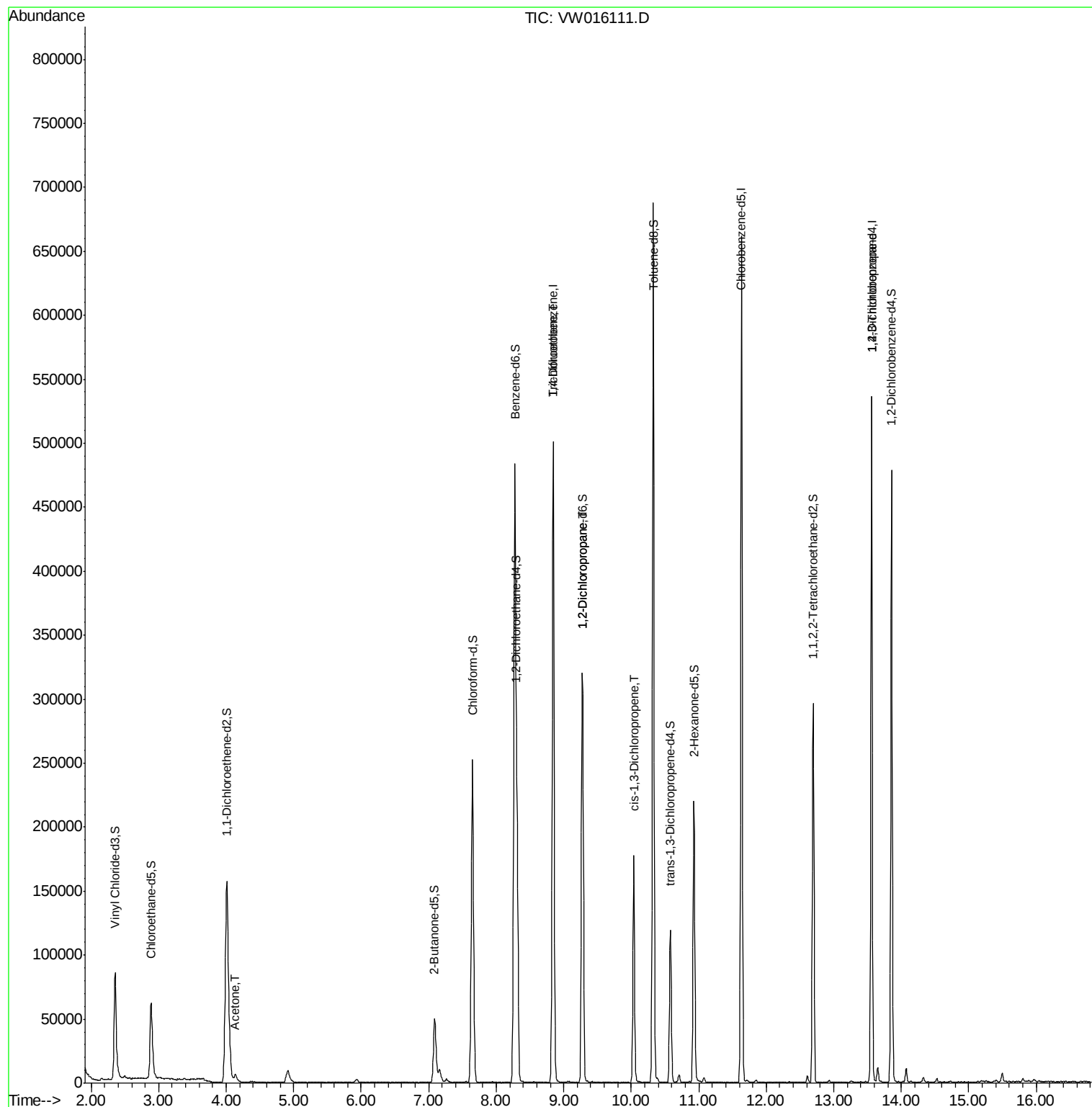
					Ovalue
13) Acetone	4.14	43	9871	9.574 ug/L	69
35) Trichloroethene	8.84	95	12932	2.280 ug/L #	6
40) 1,2-Dichloropropane	9.27	63	17295	3.338 ug/L #	86
42) cis-1,3-Dichloropropene	10.04	75	4538	0.575 ug/L #	55
59) 1,2,3-Trichloropropane	13.56	75	16427	4.557 ug/L #	87

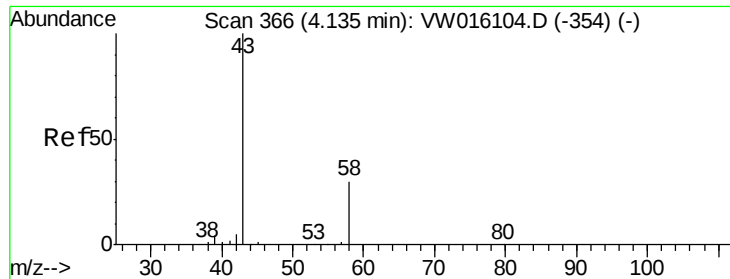
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 9.574 ug/L

RT: 4.14 min Scan# 366

Delta R.T. -0.00 min

Lab File: VW016111.D

Acq: 10 Aug 2020 19:53

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MSVOA_W

ClientSampleId :

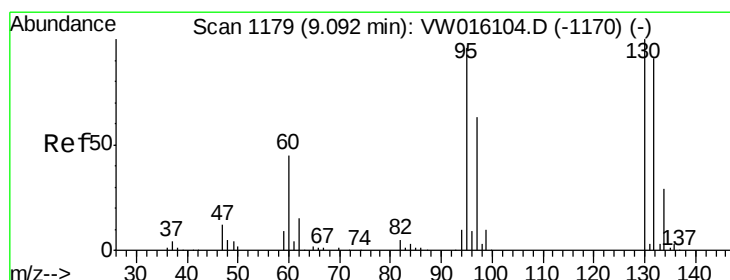
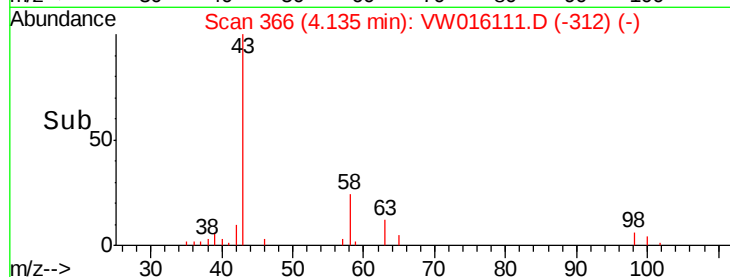
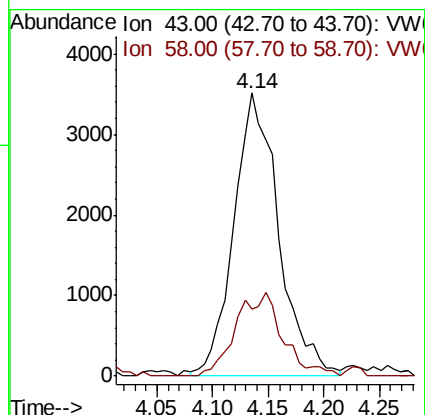
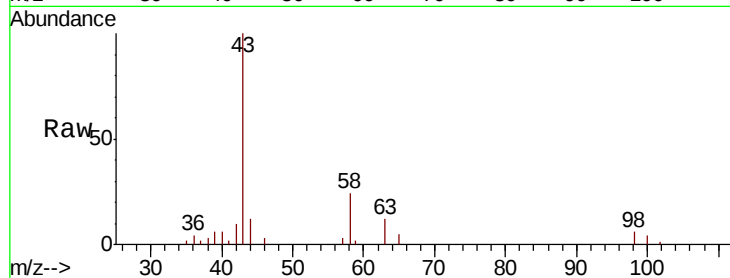
GAY70

Tot Ion: 43 Resp: 9871

Ion Ratio Lower Upper

43 100

58 13.2 0.0 59.4



#35

Trichloroethene

Concen: 2.280 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW016111.D

Acq: 10 Aug 2020 19:53

Tgt Ion: 95 Resp: 12932

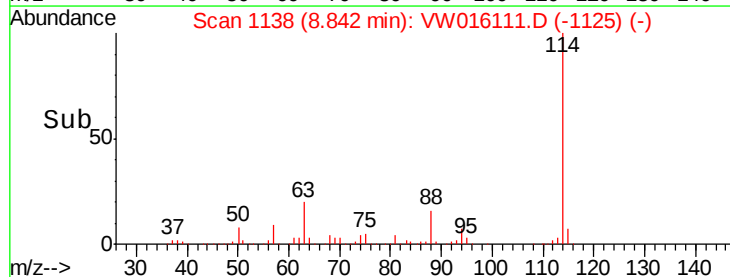
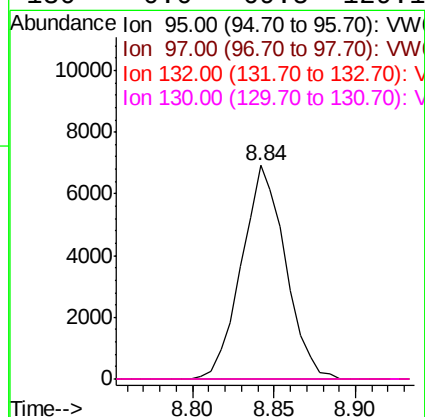
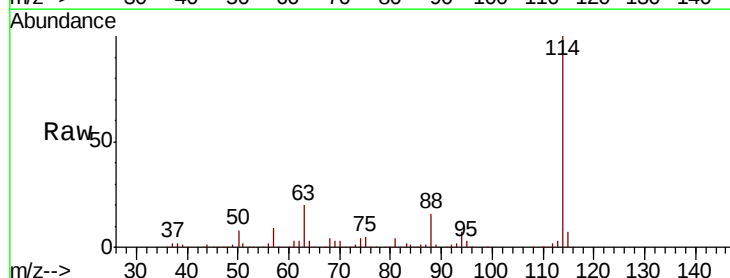
Ion Ratio Lower Upper

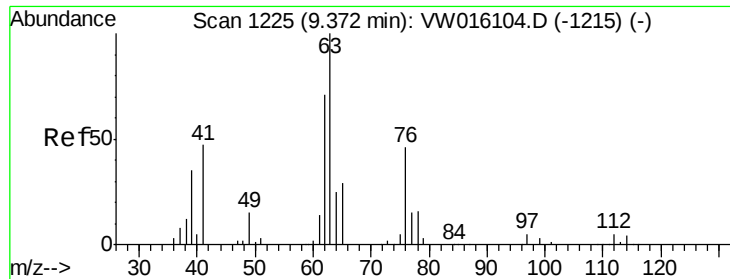
95 100

97 0.0 44.9 83.3#

132 0.0 65.8 122.2#

130 0.0 69.5 129.1#

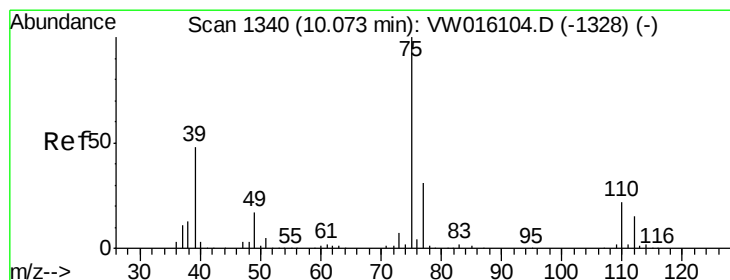
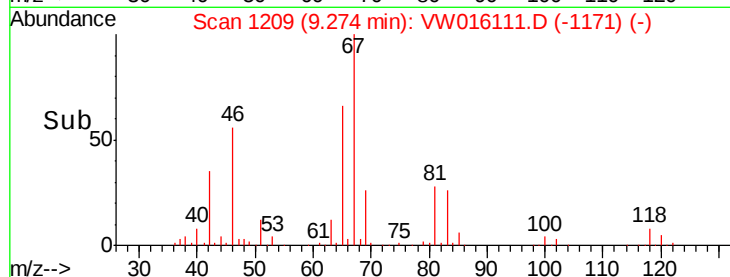
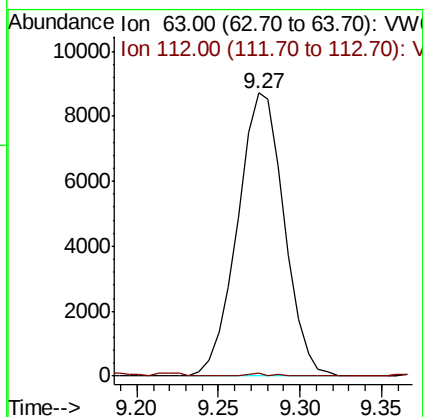
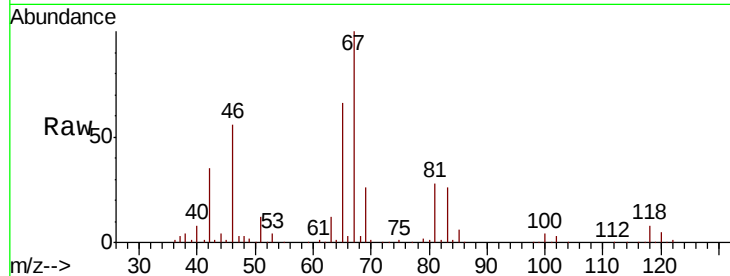




#40
 1,2-Dichloropropane
 Concen: 3.338 ug/L
 RT: 9.27 min Scan# 1209
 Delta R.T. -0.10 min
 Lab File: VW016111.D
 Acq: 10 Aug 2020 19:53

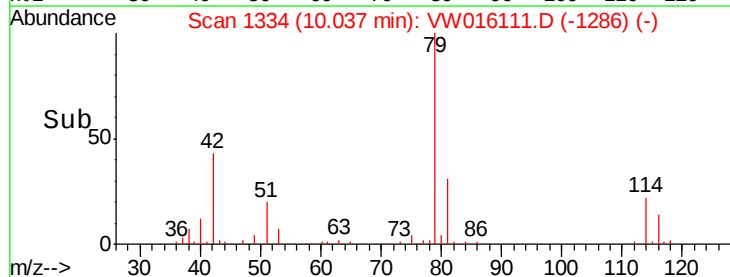
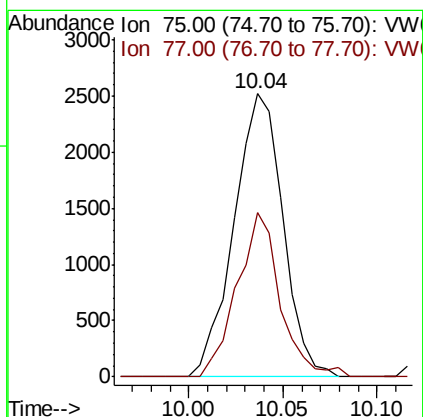
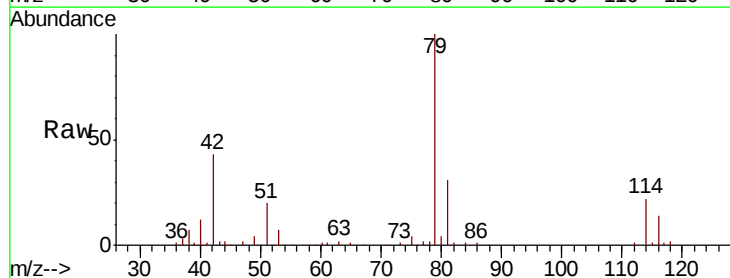
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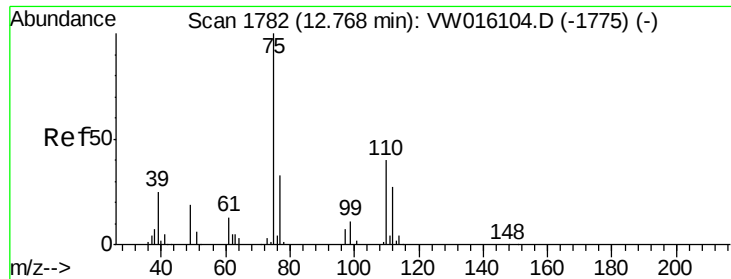
Tot Ion: 63 Resp: 17295
 Ion Ratio Lower Upper
 63 100
 112 0.3 4.0 6.0#



#42
 cis-1,3-Dichloropropene
 Concen: 0.575 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW016111.D
 Acq: 10 Aug 2020 19:53

Tgt Ion: 75 Resp: 4538
 Ion Ratio Lower Upper
 75 100
 77 57.9 22.9 42.5#





#59

1,2,3-Trichloropropane

Concen: 4.557 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW016111.D

Acq: 10 Aug 2020 19:53

Instrument :

MSVOA_W

ClientSampleId :

GAY70

Tot Ion: 75 Resp: 16427

Ion Ratio Lower Upper

75 100

77 39.8 25.9 38.9#

