

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092920\
 Data File : VW016695.D
 Acq On : 29 Sep 2020 18:38
 Operator : SY/VA
 Sample : L4184-07
 Misc : 3.86G/10ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AM2

Quant Time: Sep 30 07:17:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 30 07:14:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	650209	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	572754	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	272215	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	120439	19.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.56%
7) Chloroethane-d5	2.91	69	114393	22.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.04%
10) 1,1-Dichloroethene-d2	4.03	63	204348	14.52	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.08%
20) 2-Butanone-d5	7.09	46	67359	39.26	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.52%
24) Chloroform-d	7.66	84	320559	23.57	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.28%
26) 1,2-Dichloroethane-d4	8.31	65	159892	22.90	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.60%
29) Benzene-d6	8.28	84	623605	24.28	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.12%
33) 1,2-Dichloropropane-d6	9.28	67	173220	24.88	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.52%
37) Toluene-d8	10.33	98	587371	23.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.96%
38) trans-1,3-Dichloropropene-	10.58	79	68757	19.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.36%
39) 2-Hexanone-d5	10.93	63	53787	42.48	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.96%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	131276	22.16	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.64%
61) 1,2-Dichlorobenzene-d4	13.85	152	224785	25.84	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.36%

Target Compounds

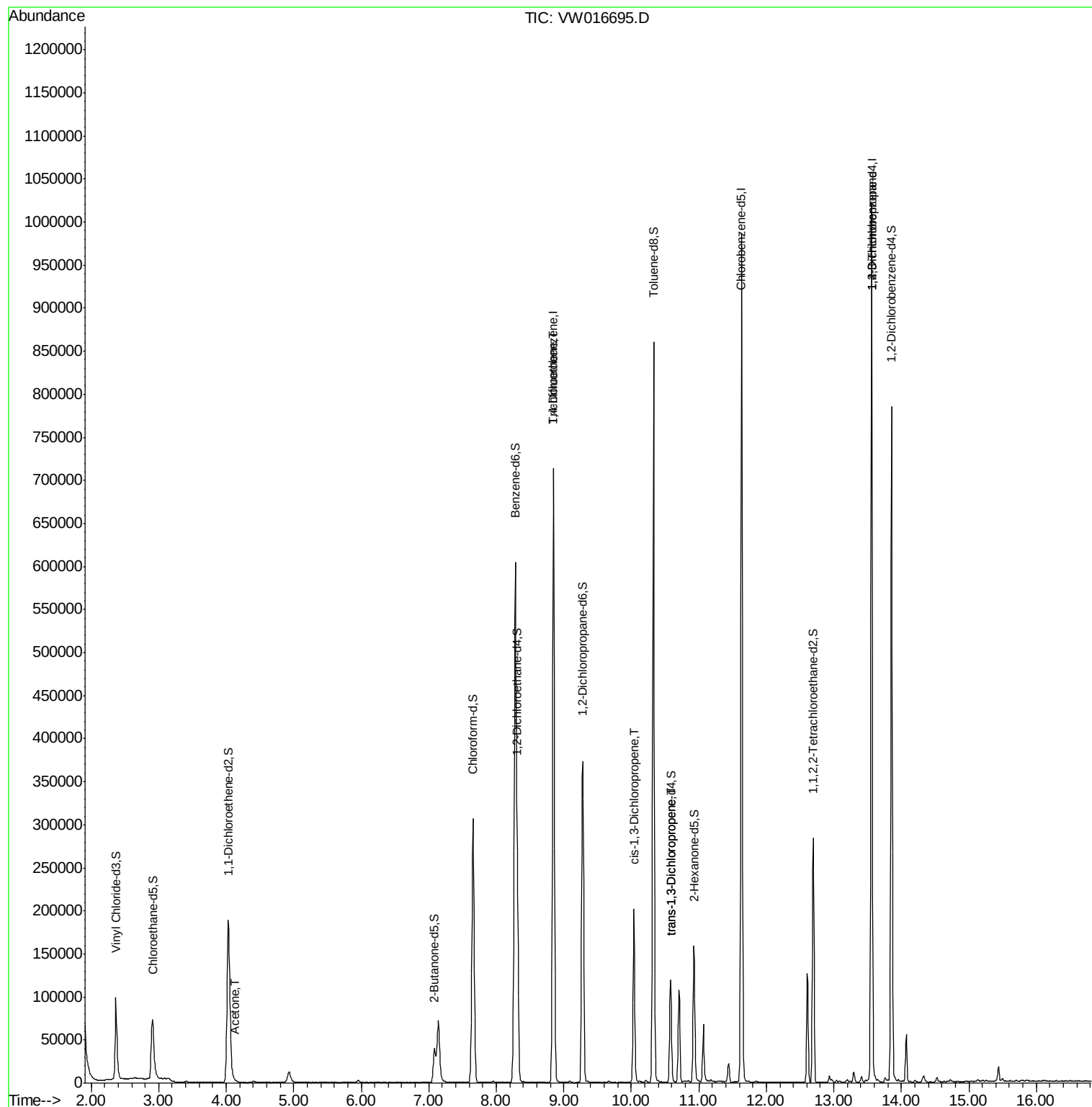
					Ovalue
13) Acetone	4.13	43	1413	1.051 ug/L	59
35) Trichloroethene	8.85	95	19376	2.182 ug/L #	2
42) cis-1,3-Dichloropropene	10.04	75	5655	0.464 ug/L #	74
45) trans-1,3-Dichloropropene	10.58	75	3390	0.319 ug/L	85
59) 1,2,3-Trichloropropane	13.56	75	28606	5.710 ug/L	89

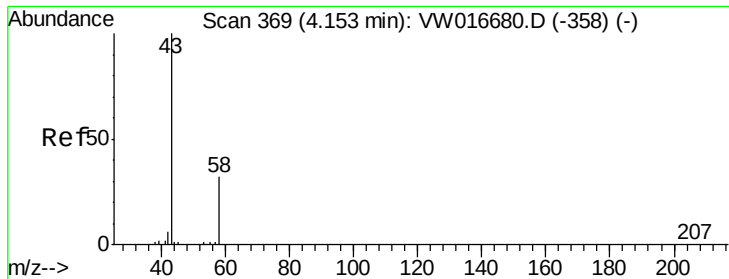
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.051 ug/L

RT: 4.13 min Scan# 365

Delta R.T. -0.02 min

Lab File: VW016695.D

Acq: 29 Sep 2020 18:38

Instrument :

MSVOA_W

ClientSampled :

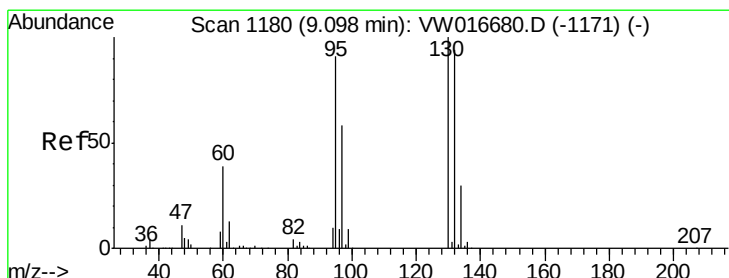
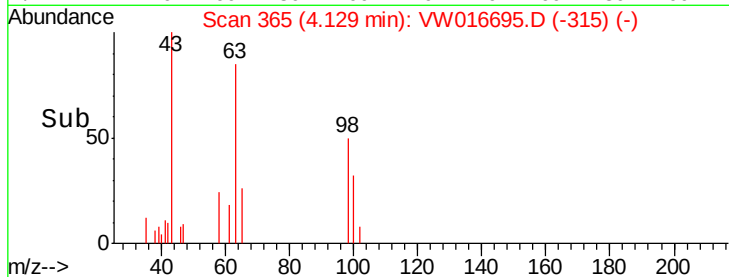
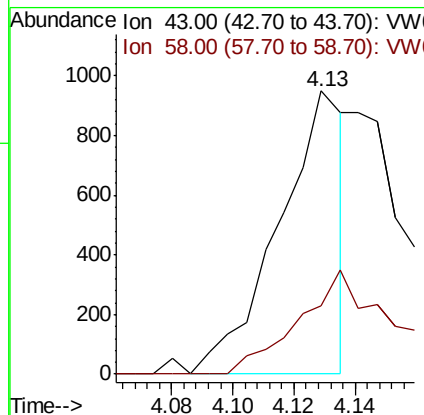
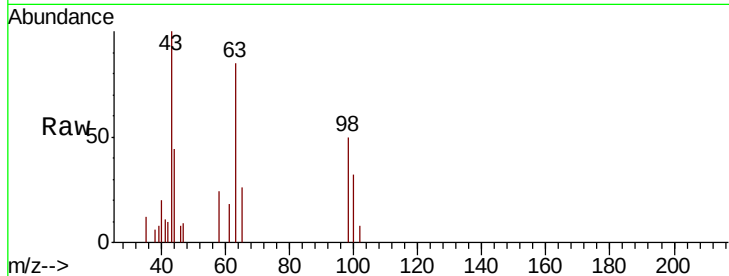
C0AM2

Tot Ion: 43 Resp: 1413

Ion Ratio Lower Upper

43 100

58 52.6 0.0 60.2



#35

Trichloroethene

Concen: 2.182 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.25 min

Lab File: VW016695.D

Acq: 29 Sep 2020 18:38

Tgt Ion: 95 Resp: 19376

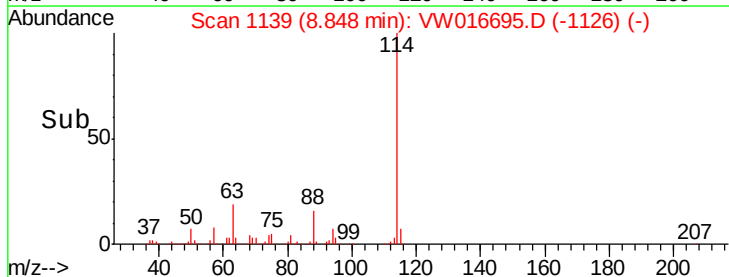
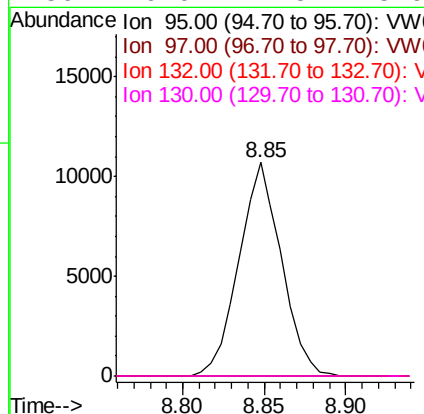
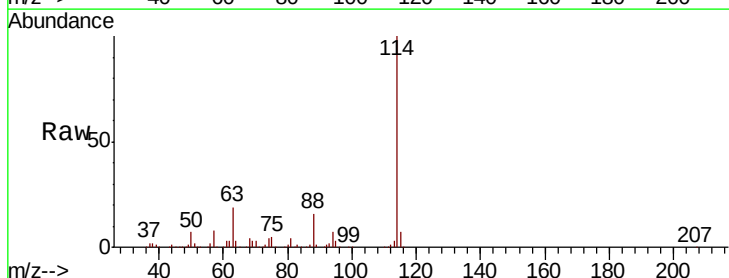
Ion Ratio Lower Upper

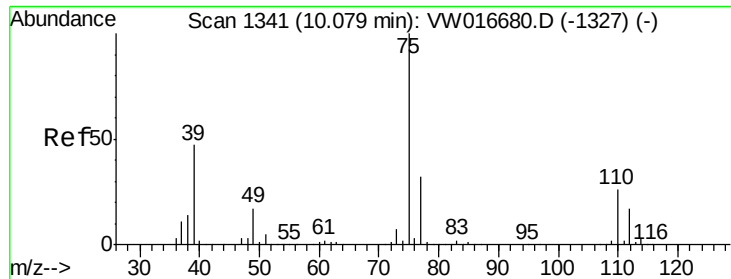
95 100

97 0.0 45.2 84.0#

132 0.0 73.3 136.1#

130 0.0 77.5 143.9#





#42

cis-1,3-Dichloropropene

Concen: 0.464 ug/L

RT: 10.04 min Scan# 1335

Delta R.T. -0.04 min

Lab File: VW016695.D

Acq: 29 Sep 2020 18:38

Instrument :

MSVOA_W

ClientSampleId :

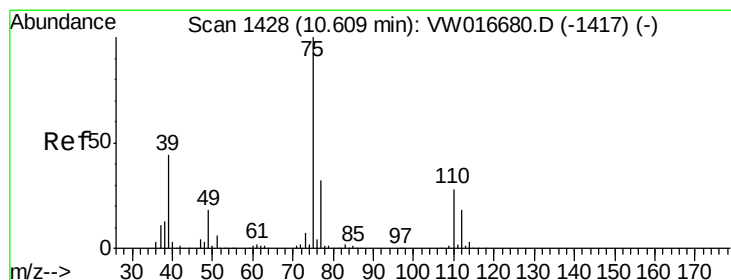
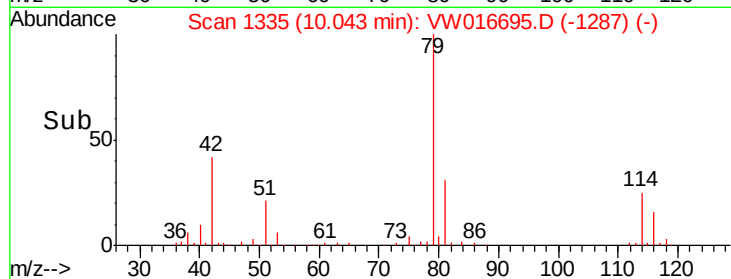
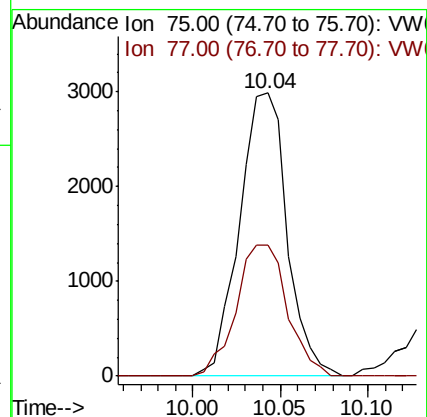
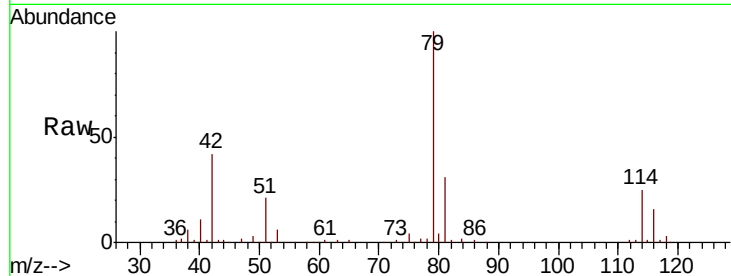
C0AM2

Tot Ion: 75 Resp: 5655

Ion Ratio Lower Upper

75 100

77 46.1 22.2 41.2#



#45

trans-1,3-Dichloropropene

Concen: 0.319 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW016695.D

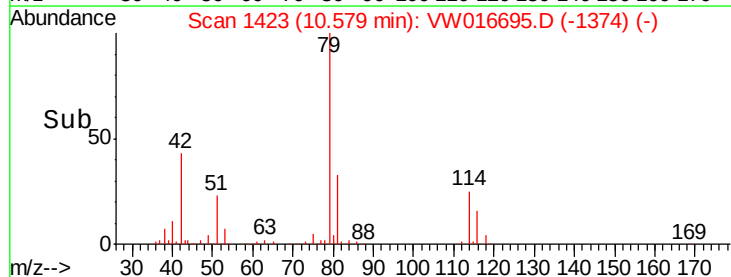
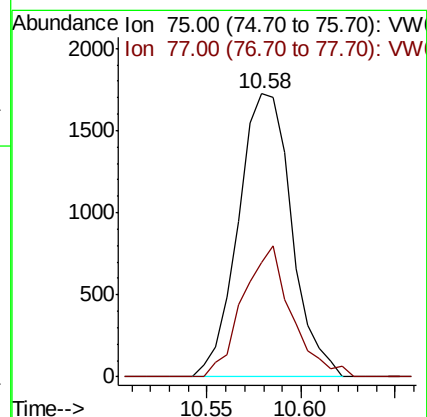
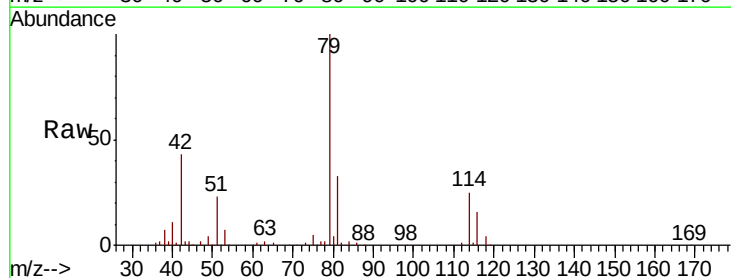
Acq: 29 Sep 2020 18:38

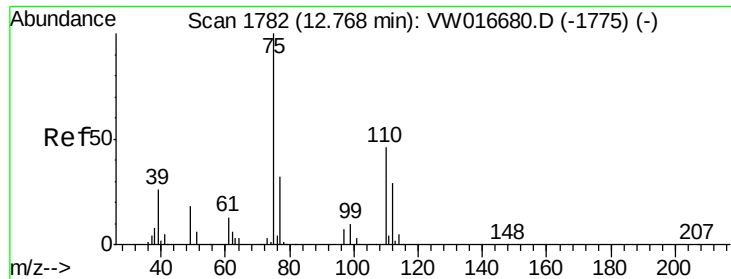
Tgt Ion: 75 Resp: 3390

Ion Ratio Lower Upper

75 100

77 40.6 22.5 41.9





#59

1,2,3-Trichloropropane

Concen: 5.710 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW016695.D

Acq: 29 Sep 2020 18:38

Instrument :

MSVOA_W

ClientSampleId :

C0AM2

Tot Ion: 75 Resp: 28606

Ion Ratio Lower Upper

75 100

77 38.7 26.2 39.4

