

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120720\
 Data File : VW017574.D
 Acq On : 07 Dec 2020 13:08
 Operator : SY/VA
 Sample : L4920-07
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 20 03:55:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM112420S.M
 Quant Title : VOC Analysis
 QLast Update : Sun Dec 20 03:53:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	422342	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	387117	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	191175	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	120965	21.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.08%
7) Chloroethane-d5	2.90	69	102793	21.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.72%
10) 1,1-Dichloroethene-d2	4.03	63	204103	16.50	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.00%
20) 2-Butanone-d5	7.08	46	53871	45.98	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.96%
24) Chloroform-d	7.65	84	279709	23.31	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.24%
26) 1,2-Dichloroethane-d4	8.31	65	141921	24.11	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.44%
29) Benzene-d6	8.28	84	542044	22.77	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.08%
33) 1,2-Dichloropropane-d6	9.27	67	155131	23.55	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.20%
37) Toluene-d8	10.32	98	486823	22.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.84%
38) trans-1,3-Dichloropropene-	10.58	79	64809	22.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.08%
39) 2-Hexanone-d5	10.93	63	35048	42.99	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.98%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	109816	23.17	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.68%
61) 1,2-Dichlorobenzene-d4	13.85	152	170257	24.06	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.24%

Target Compounds

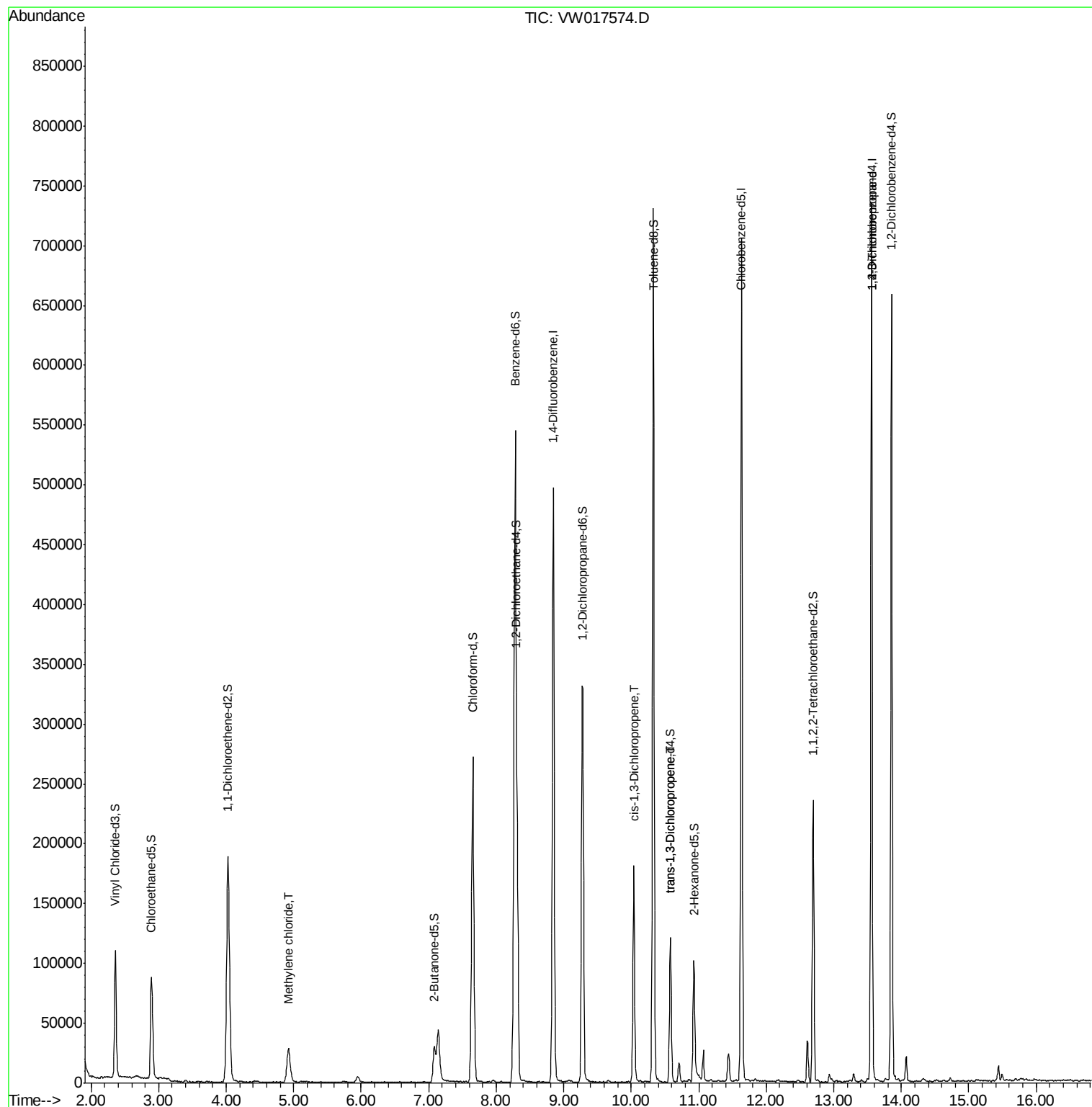
					Ovalue
16) Methylene chloride	4.92	84	23394	3.689 ug/L	98
42) cis-1,3-Dichloropropene	10.04	75	5233	0.618 ug/L	84
45) trans-1,3-Dichloropropene	10.58	75	3341	0.461 ug/L #	65
59) 1,2,3-Trichloropropane	13.56	75	22875	7.032 ug/L	99

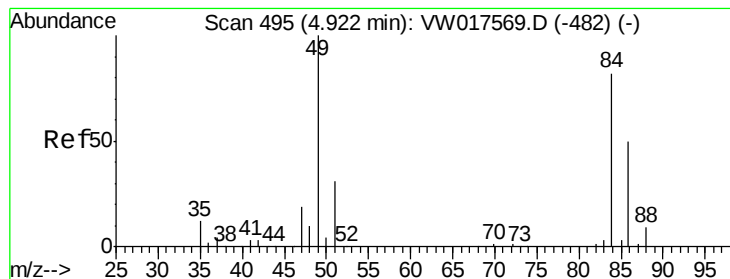
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sun Dec 20 03:53:49 2020
Response via : Initial Calibration





#16

Methvlene chloride

Concen: 3.689 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.00 min

Lab File: VW017574.D

Acq: 07 Dec 2020 13:08

Instrument :

MSVOA_W

ClientSampleId :

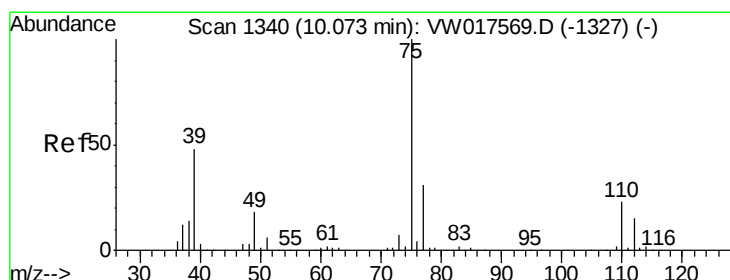
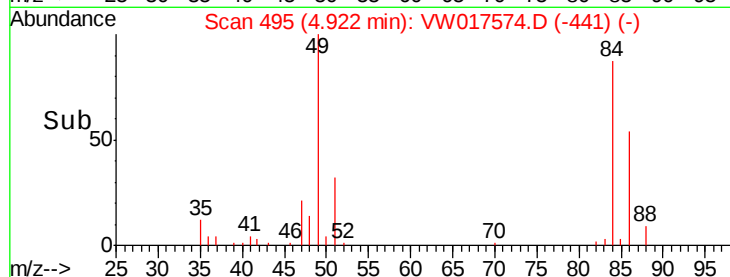
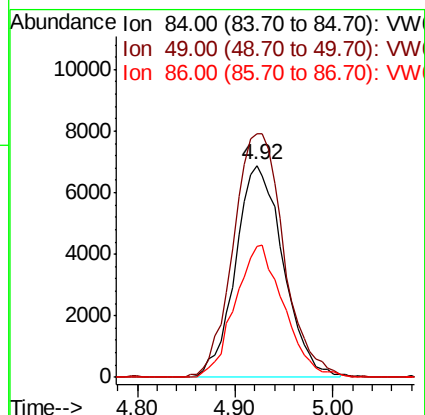
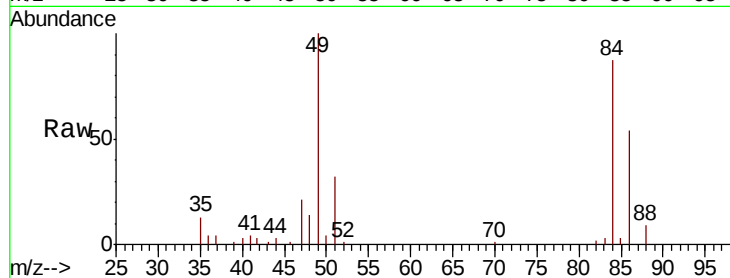
Tot Ion: 84 Resp: 23394

Ion Ratio Lower Upper

84 100

49 114.9 81.2 150.8

86 61.7 44.5 82.7



#42

cis-1,3-Dichloropropene

Concen: 0.618 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW017574.D

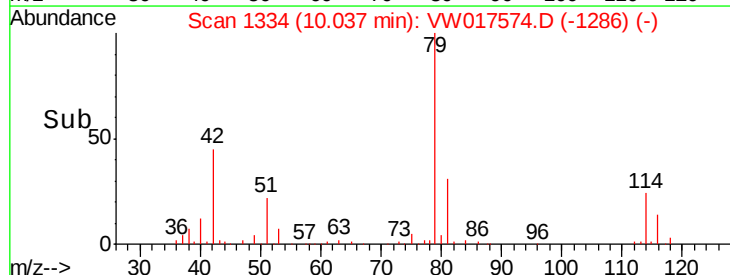
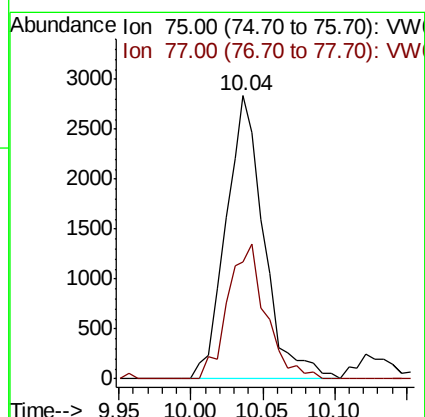
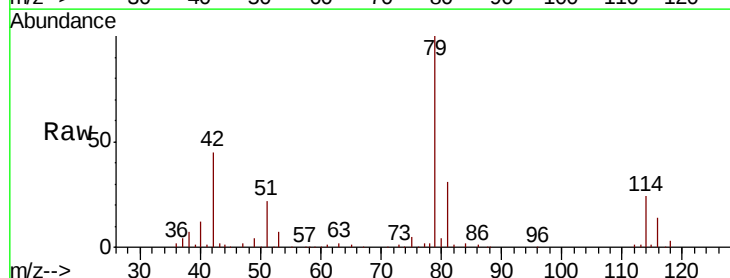
Acq: 07 Dec 2020 13:08

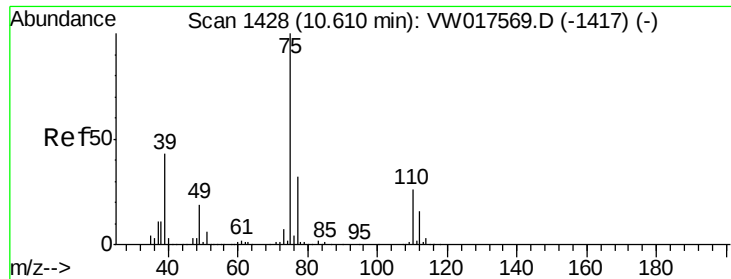
Tgt Ion: 75 Resp: 5233

Ion Ratio Lower Upper

75 100

77 41.4 22.7 42.3

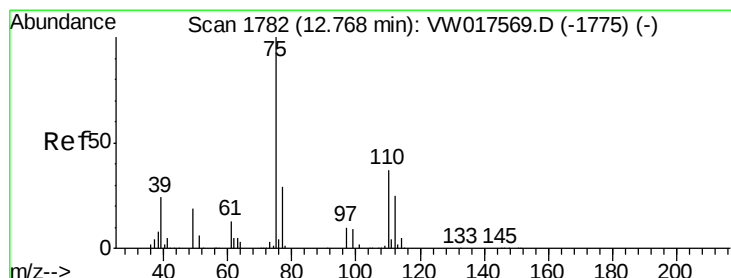
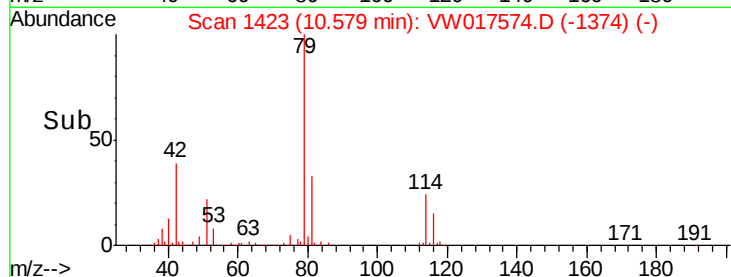
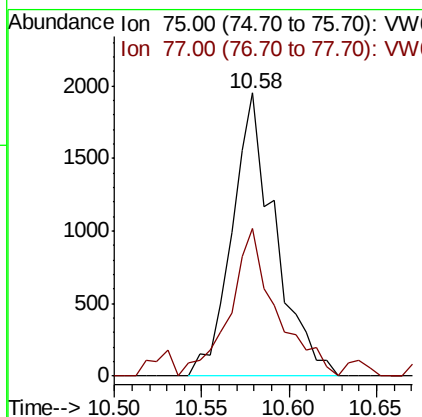
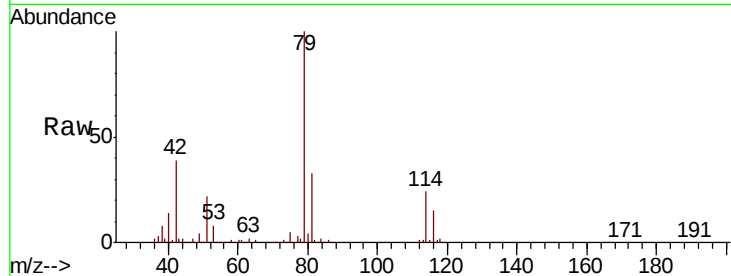




#45
trans-1,3-Dichloropropene
Concen: 0.461 ug/L
RT: 10.58 min Scan# 1423
Delta R.T. -0.03 min
Lab File: VW017574.D
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Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 75 Resp: 3341
Ion Ratio Lower Upper
75 100
77 52.0 22.6 42.0#



#59
1,2,3-Trichloropropane
Concen: 7.032 ug/L
RT: 13.56 min Scan# 1912
Delta R.T. 0.79 min
Lab File: VW017574.D
Acq: 07 Dec 2020 13:08

Tgt Ion: 75 Resp: 22875
Ion Ratio Lower Upper
75 100
77 33.9 26.6 39.8

