

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080720\
 Data File : VW016074.D
 Acq On : 07 Aug 2020 13:46
 Operator : SY/VA
 Sample : L3579-02RE
 Misc : 6.24G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 08 03:22:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 08 03:18:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	348569	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	312967	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	139298	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	70319	14.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	57.20%
7) Chloroethane-d5	2.90	69	61694	15.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	61.76%
10) 1,1-Dichloroethene-d2	4.01	63	120899	12.16	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	48.64%
20) 2-Butanone-d5	7.09	46	41676	32.26	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	64.52%
24) Chloroform-d	7.65	84	185153	18.91	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	75.64%
26) 1,2-Dichloroethane-d4	8.31	65	93140	17.33	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	69.32%#
29) Benzene-d6	8.27	84	358980	18.84	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	75.36%
33) 1,2-Dichloropropane-d6	9.27	67	109801	19.23	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	76.92%
37) Toluene-d8	10.33	98	323531	18.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	75.00%
38) trans-1,3-Dichloropropene-	10.58	79	42652	17.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	70.08%
39) 2-Hexanone-d5	10.93	63	35519	37.35	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.70%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	85653	19.51	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	78.04%
61) 1,2-Dichlorobenzene-d4	13.85	152	112047	20.63	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	82.52%

Target Compounds

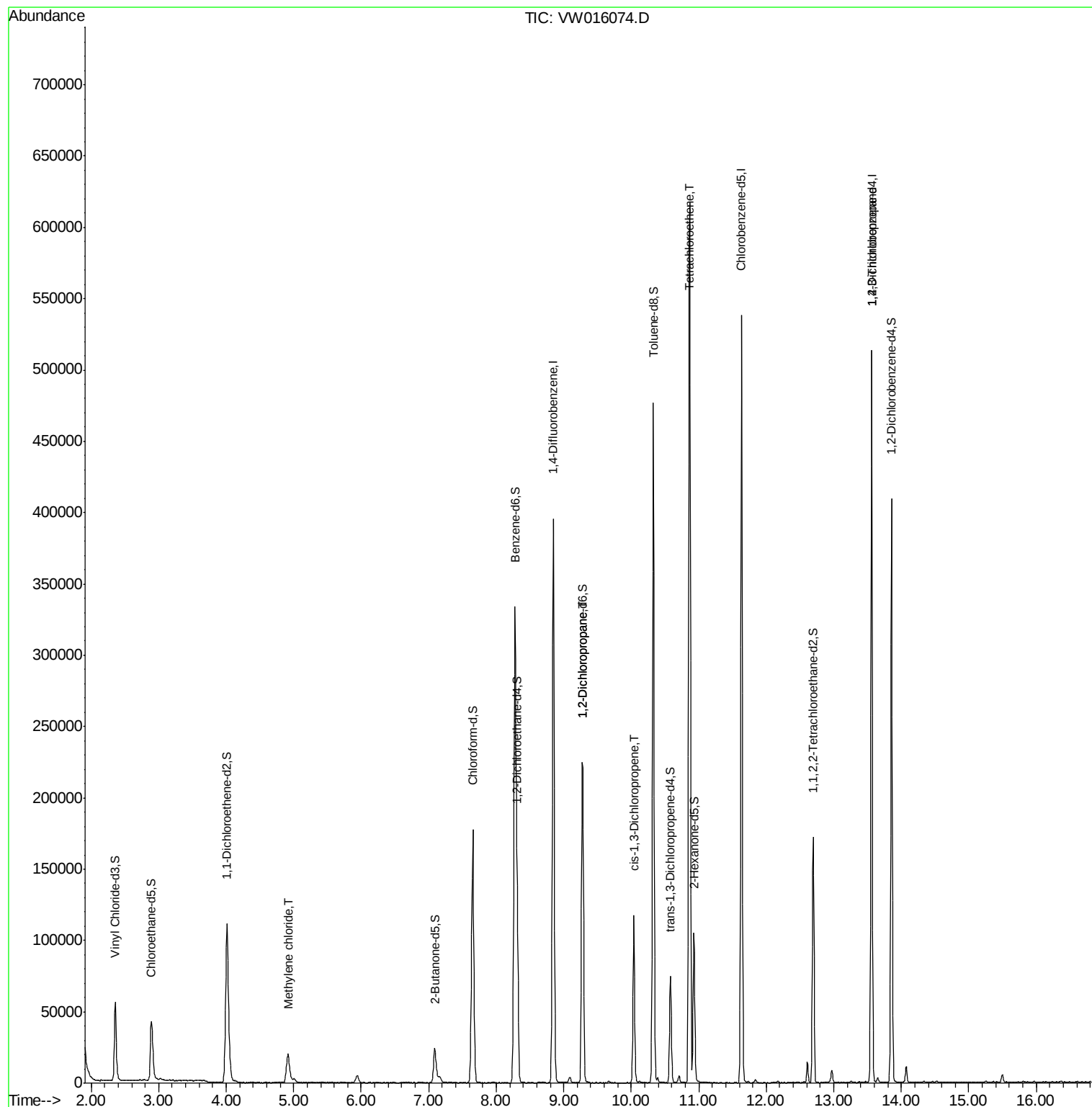
					Ovalue
16) Methylene chloride	4.91	84	17697	3.098 ug/L	84
40) 1,2-Dichloropropane	9.27	63	11917	2.531 ug/L #	87
42) cis-1,3-Dichloropropene	10.04	75	2713	0.378 ug/L #	47
47) Tetrachloroethene	10.87	164	151556	38.830 ug/L	93
59) 1,2,3-Trichloropropane	13.56	75	14566	4.889 ug/L	92

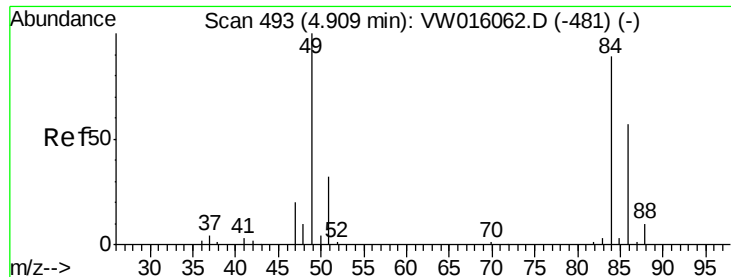
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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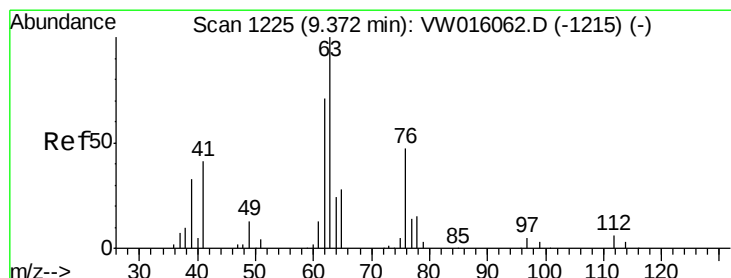
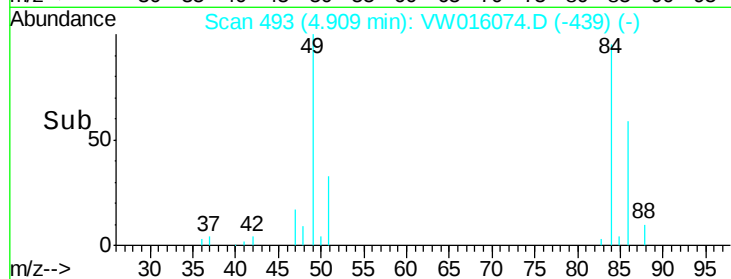
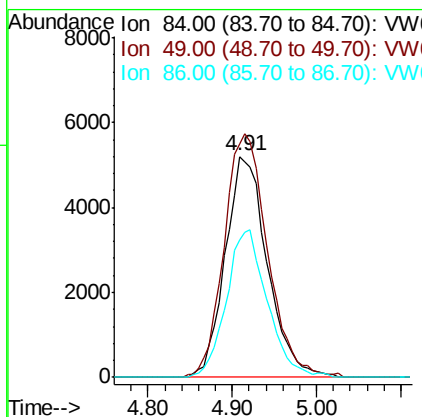
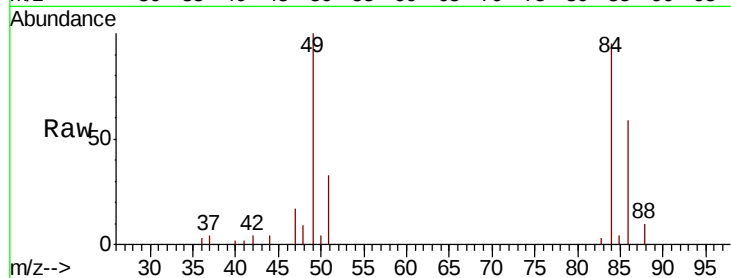




#16
Methvlene chloride
Concen: 3.098 ug/L
RT: 4.91 min Scan# 493
Delta R.T. -0.00 min
Lab File: VW016074.D
Acq: 07 Aug 2020 13:46

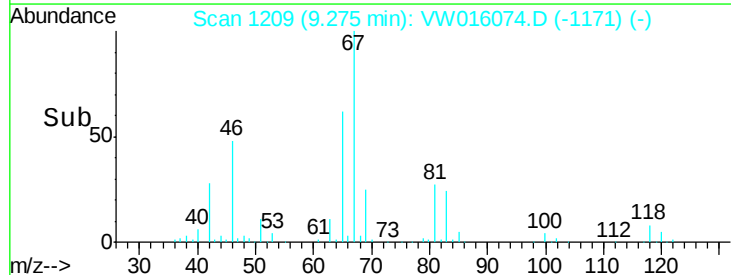
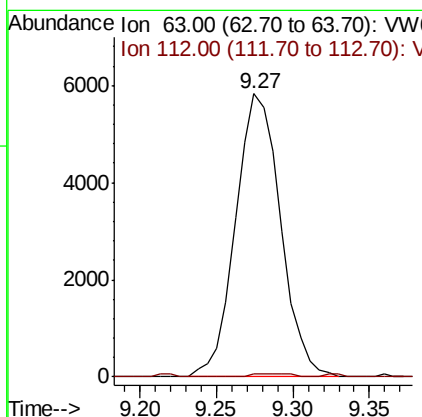
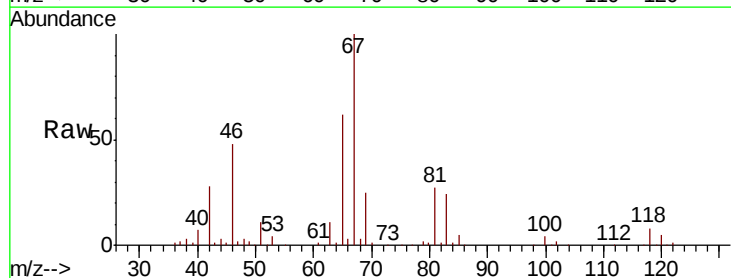
Instrument :
MSVOA_W
ClientSampleId :

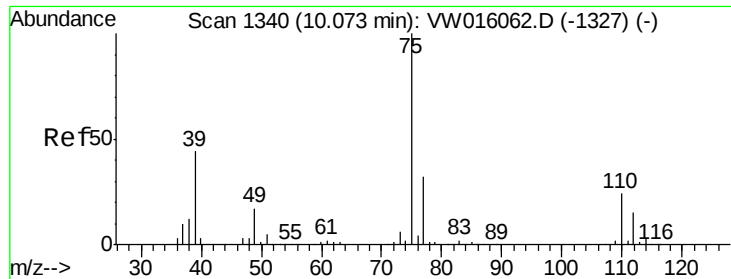
Tot Ion: 84 Resp: 17697
Ion Ratio Lower Upper
84 100
49 105.6 91.1 169.1
86 62.0 46.0 85.4



#40
1,2-Dichloropropane
Concen: 2.531 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.10 min
Lab File: VW016074.D
Acq: 07 Aug 2020 13:46

Tgt Ion: 63 Resp: 11917
Ion Ratio Lower Upper
63 100
112 0.4 3.7 5.5#





#42

cis-1,3-Dichloropropene

Concen: 0.378 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW016074.D

Acq: 07 Aug 2020 13:46

Instrument :

MSVOA_W

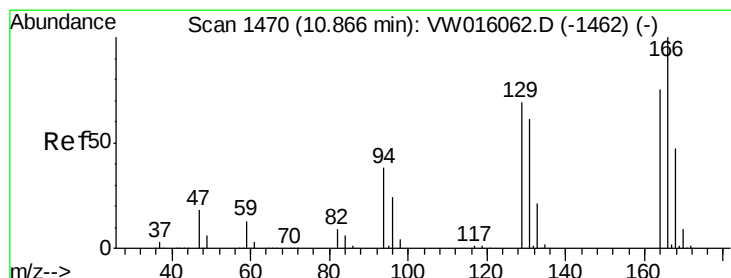
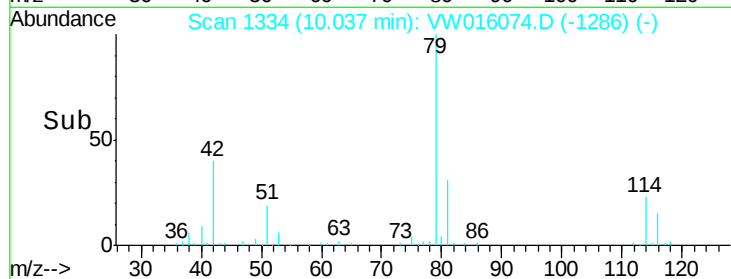
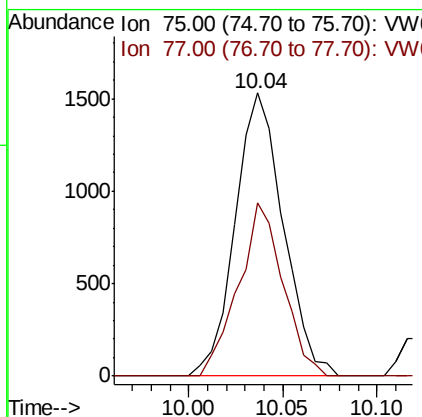
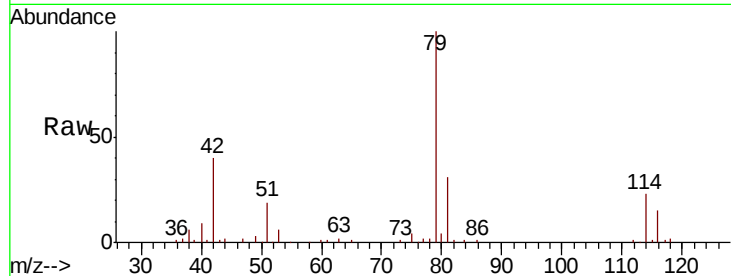
ClientSampleId :

Tot Ion: 75 Resp: 2713

Ion Ratio Lower Upper

75 100

77 61.0 22.2 41.2#



#47

Tetrachloroethene

Concen: 38.830 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VW016074.D

Acq: 07 Aug 2020 13:46

Tgt Ion:164 Resp: 151556

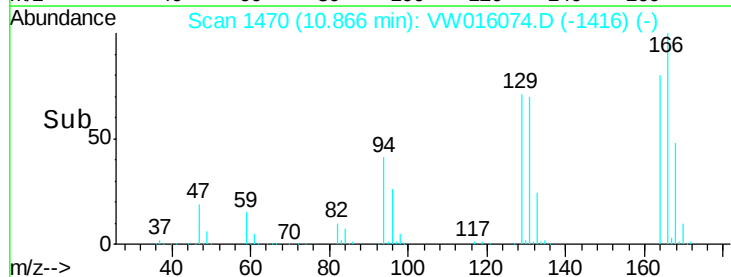
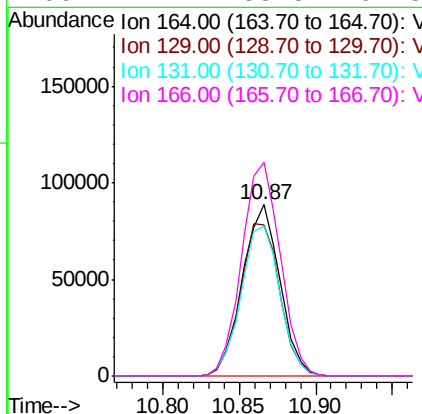
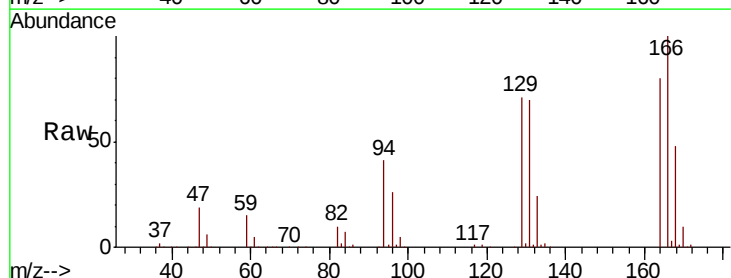
Ion Ratio Lower Upper

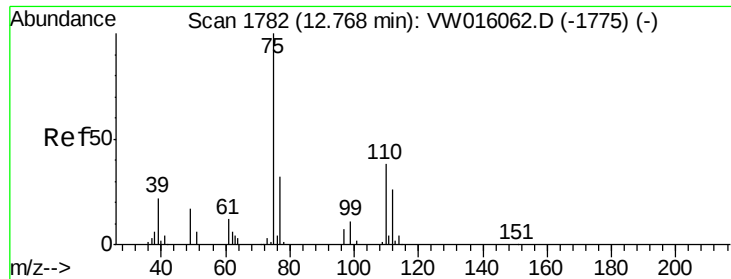
164 100

129 87.9 70.0 130.0

131 87.4 67.3 124.9

166 124.7 88.5 164.3





#59

1,2,3-Trichloropropane

Concen: 4.889 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW016074.D

Acq: 07 Aug 2020 13:46

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 75 Resp: 14566

Ion Ratio Lower Upper

75 100

77 37.0 26.0 39.0

