

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080620\
 Data File : VW016057.D
 Acq On : 06 Aug 2020 20:39
 Operator : SY/VA
 Sample : L3564-14
 Misc : 5.53G/10ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFSN1

Quant Time: Aug 07 07:44:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 07 07:41:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	372656	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	339869	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	153562	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	65794	12.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	50.04%
7) Chloroethane-d5	2.89	69	56563	13.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	52.96%
10) 1,1-Dichloroethene-d2	4.01	63	114408	10.76	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	43.04%#
20) 2-Butanone-d5	7.09	46	41498	30.04	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	60.08%
24) Chloroform-d	7.65	84	176600	16.87	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	67.48%
26) 1,2-Dichloroethane-d4	8.31	65	93083	16.20	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	64.80%#
29) Benzene-d6	8.27	84	353822	17.10	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	68.40%
33) 1,2-Dichloropropane-d6	9.27	67	105791	17.06	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	68.24%#
37) Toluene-d8	10.32	98	318583	17.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	68.00%
38) trans-1,3-Dichloropropene-	10.58	79	42134	15.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	63.76%
39) 2-Hexanone-d5	10.93	63	33515	32.45	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	64.90%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	84030	17.63	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	70.52%
61) 1,2-Dichlorobenzene-d4	13.85	152	116840	19.51	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	78.04%

Target Compounds

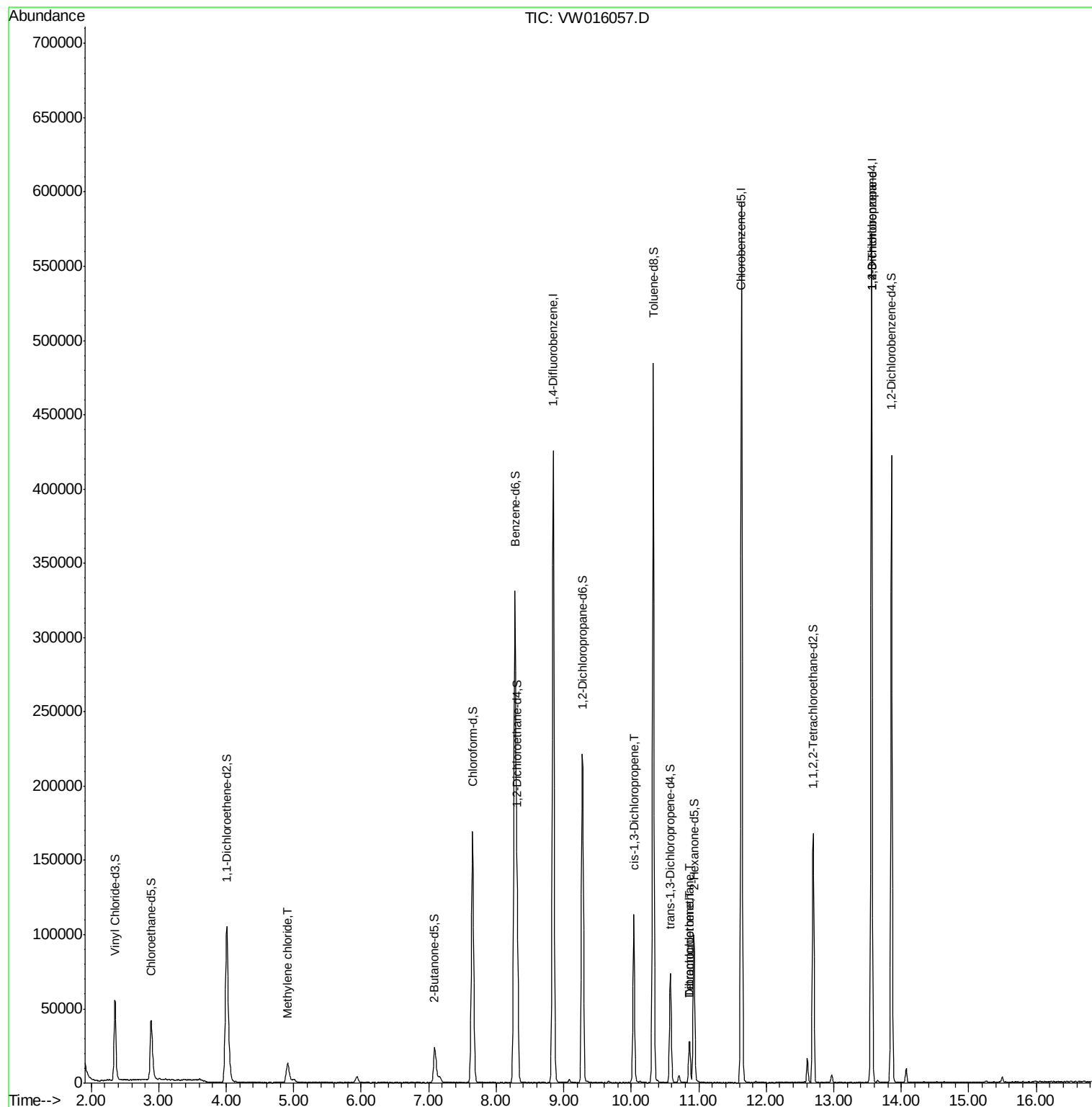
					Ovalue
16) Methylene chloride	4.91	84	11374	1.863 ug/L	87
42) cis-1,3-Dichloropropene	10.04	75	2755	0.354 ug/L #	64
47) Tetrachloroethene	10.87	164	6732	1.588 ug/L	96
50) Dibromochloromethane	10.86	129	6588	1.547 ug/L #	11
59) 1,2,3-Trichloropropane	13.56	75	16963	5.243 ug/L	92

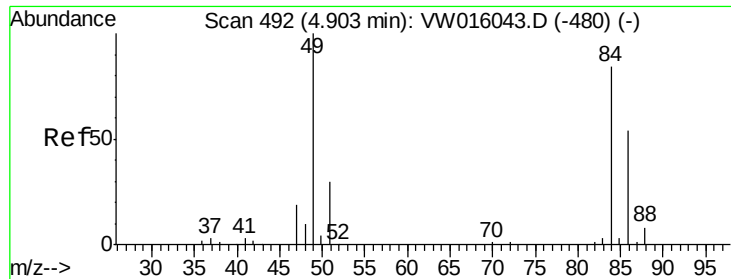
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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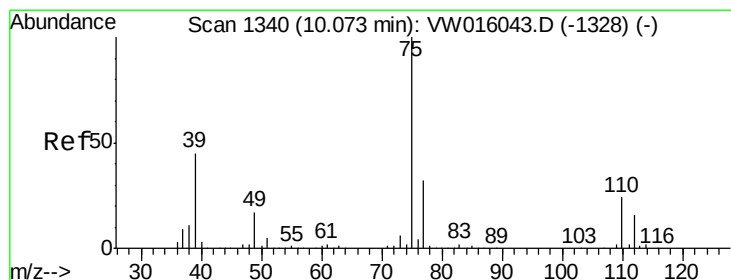
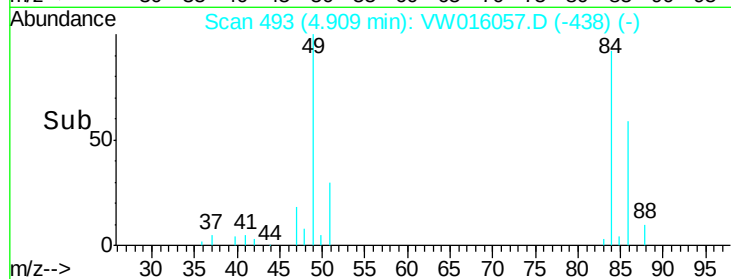
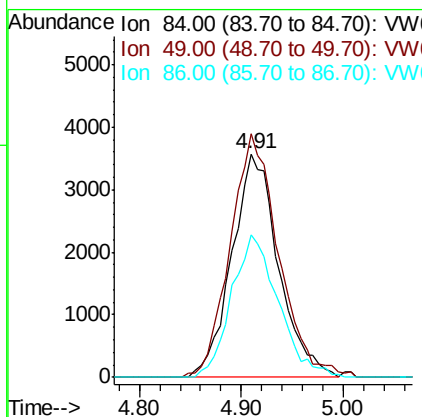
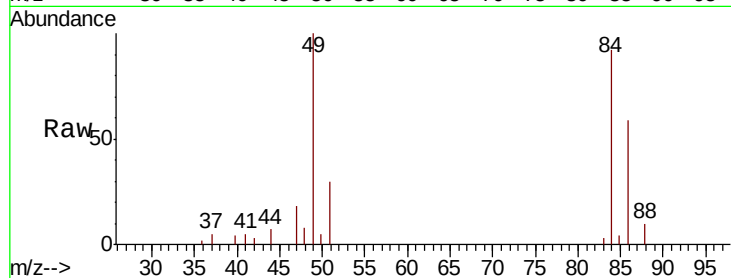




#16
Methylene chloride
Concen: 1.863 ug/L
RT: 4.91 min Scan# 493
Delta R.T. 0.01 min
Lab File: VW016057.D
Acq: 06 Aug 2020 20:39

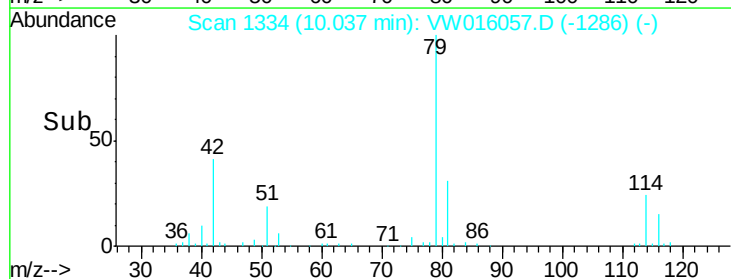
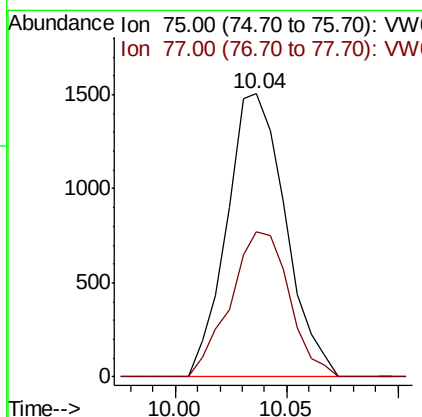
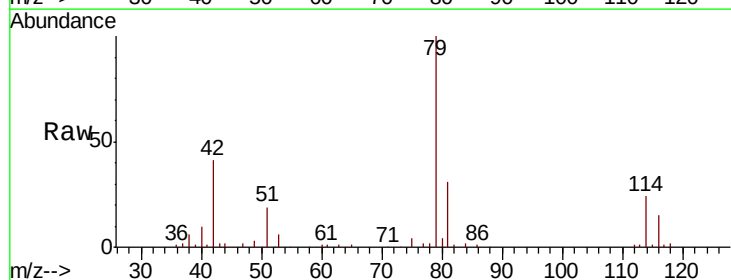
Instrument :
MSVOA_W
ClientSampleId :
BFSN1

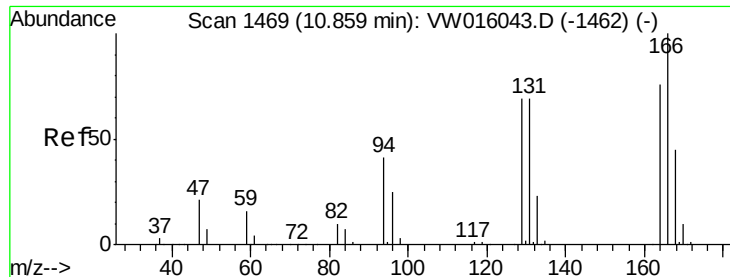
Tot Ion: 84 Resp: 11374
Ion Ratio Lower Upper
84 100
49 109.0 91.1 169.1
86 64.0 46.0 85.4



#42
cis-1,3-Dichloropropene
Concen: 0.354 ug/L
RT: 10.04 min Scan# 1334
Delta R.T. -0.04 min
Lab File: VW016057.D
Acq: 06 Aug 2020 20:39

Tgt Ion: 75 Resp: 2755
Ion Ratio Lower Upper
75 100
77 51.5 22.2 41.2#





#47

Tetrachloroethene

Concen: 1.588 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VW016057.D

Acq: 06 Aug 2020 20:39

Instrument :

MSVOA_W

ClientSampled :

BFSN1

Tot Ion:164 Resp: 6732

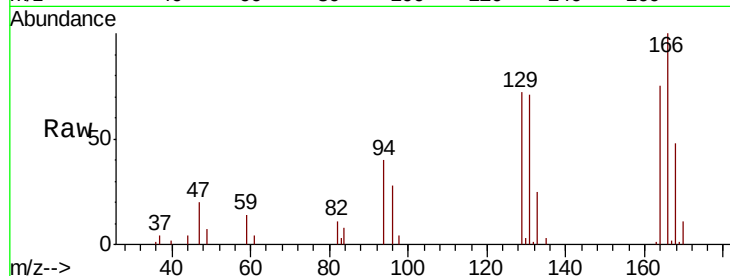
Ion Ratio Lower Upper

164 100

129 95.7 70.0 130.0

131 93.6 67.3 124.9

166 132.5 88.5 164.3

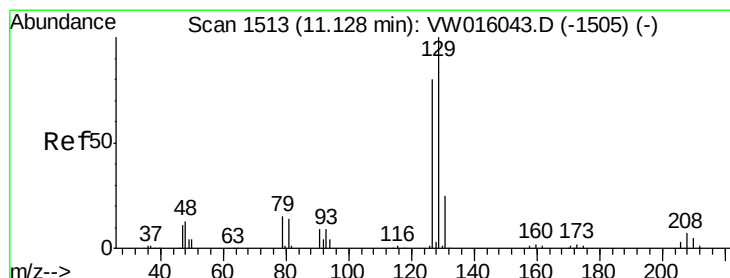
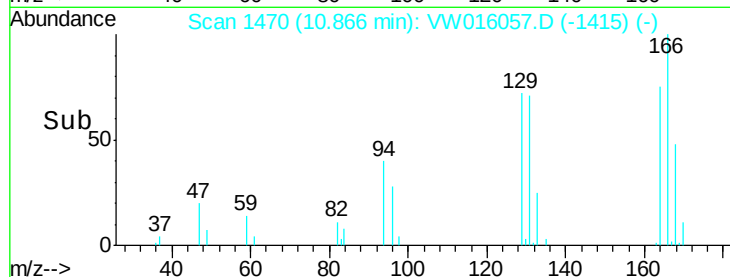
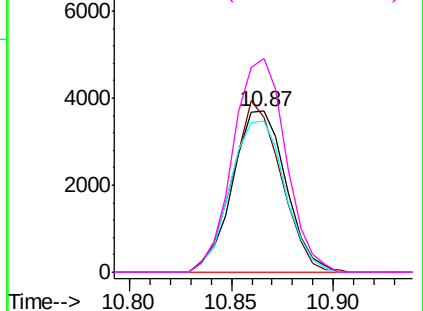


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#50

Dibromochloromethane

Concen: 1.547 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. -0.27 min

Lab File: VW016057.D

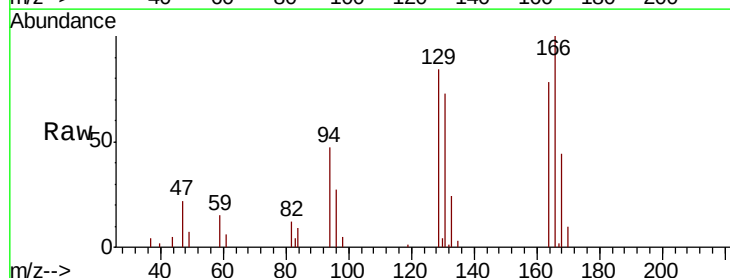
Acq: 06 Aug 2020 20:39

Tgt Ion:129 Resp: 6588

Ion Ratio Lower Upper

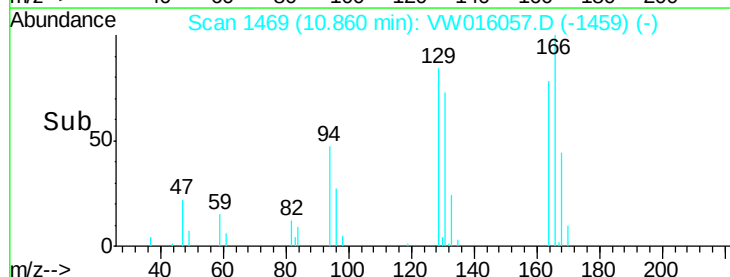
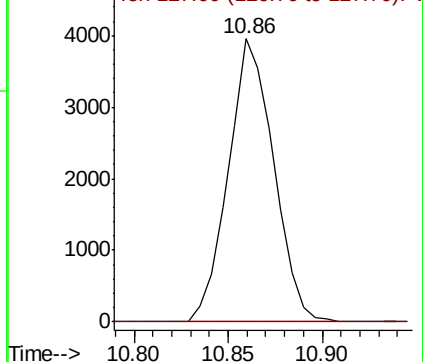
129 100

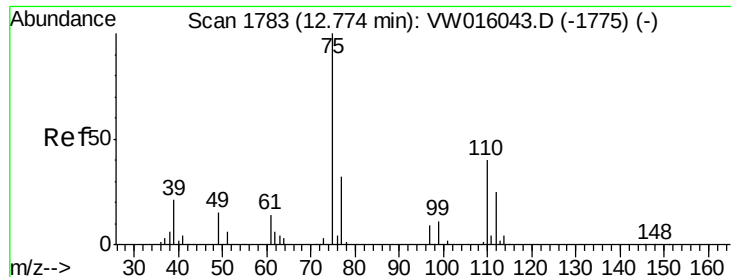
127 0.0 53.8 100.0#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V





#59

1,2,3-Trichloropropane

Concen: 5.243 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW016057.D

Acq: 06 Aug 2020 20:39

Instrument :

MSVOA_W

ClientSampleId :

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Tot Ion: 75 Resp: 16963

Ion Ratio Lower Upper

75 100

77 36.8 26.0 39.0

