

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081720\
 Data File : VW016218.D
 Acq On : 17 Aug 2020 15:12
 Operator : SY/VA
 Sample : L3702-11
 Misc : 6.77G/10ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFSP6

Quant Time: Aug 18 03:23:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081020S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 18 03:20:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	420305	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	403143	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	176644	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	88068	16.90	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.60%
7) Chloroethane-d5	2.90	69	69016	17.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.80%
10) 1,1-Dichloroethene-d2	4.01	63	149661	13.52	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	54.08%
20) 2-Butanone-d5	7.09	46	50747	37.01	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.02%
24) Chloroform-d	7.65	84	214961	19.06	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	76.24%
26) 1,2-Dichloroethane-d4	8.31	65	109788	18.33	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	73.32%
29) Benzene-d6	8.27	84	422390	19.26	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	77.04%
33) 1,2-Dichloropropane-d6	9.28	67	126929	19.68	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	78.72%
37) Toluene-d8	10.33	98	387372	19.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	77.04%
38) trans-1,3-Dichloropropene-	10.58	79	51471	17.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	71.04%
39) 2-Hexanone-d5	10.93	63	42140	37.88	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.76%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	105993	20.19	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	80.76%
61) 1,2-Dichlorobenzene-d4	13.86	152	139001	22.20	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.80%

Target Compounds

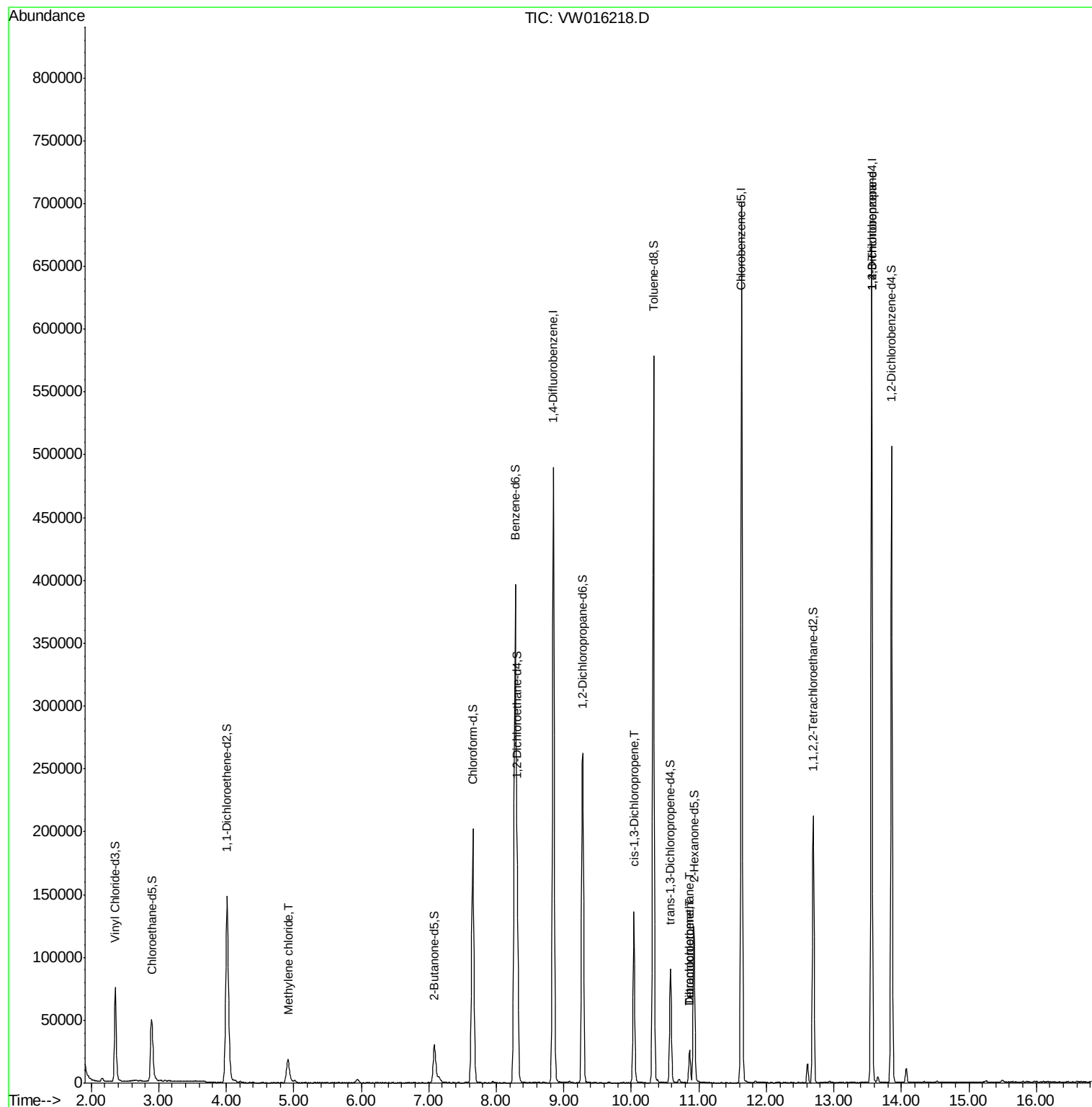
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
16) Methylene chloride	4.92	84	15654	2.359	ug/L	89
42) cis-1,3-Dichloropropene	10.04	75	3371	0.388	ug/L #	65
47) Tetrachloroethene	10.87	164	5547	1.184	ug/L	93
50) Dibromochloromethane	10.87	129	5778	1.092	ug/L #	10
59) 1,2,3-Trichloropropane	13.56	75	19497	4.908	ug/L	90

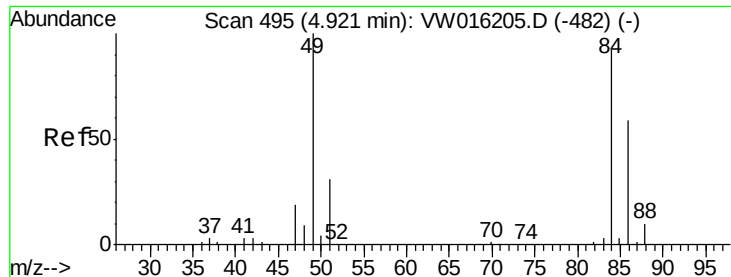
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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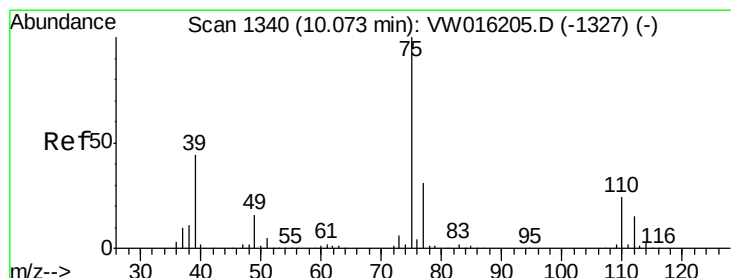
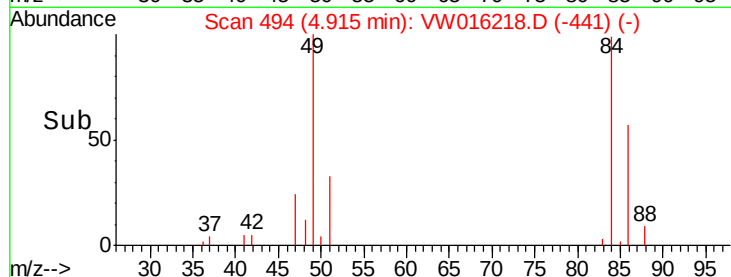
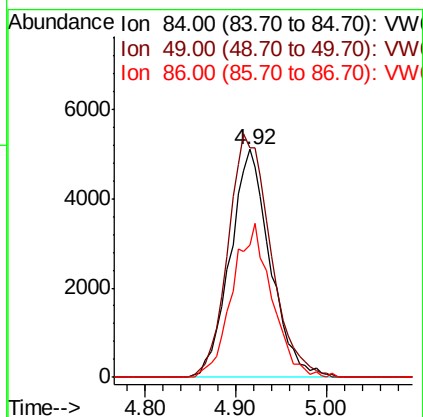
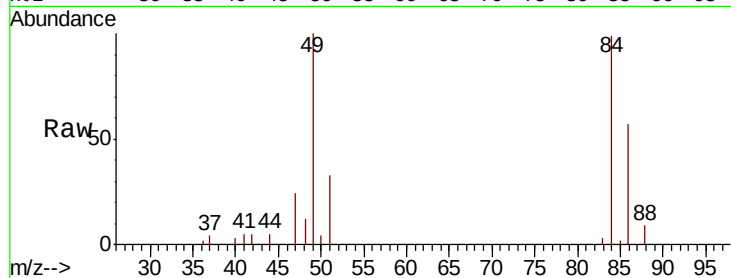




#16
Methylene chloride
Concen: 2.359 ug/L
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW016218.D
Acq: 17 Aug 2020 15:12

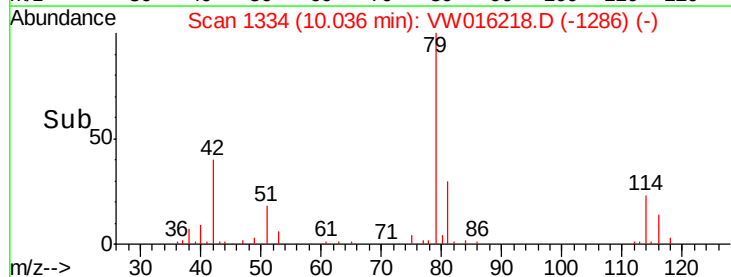
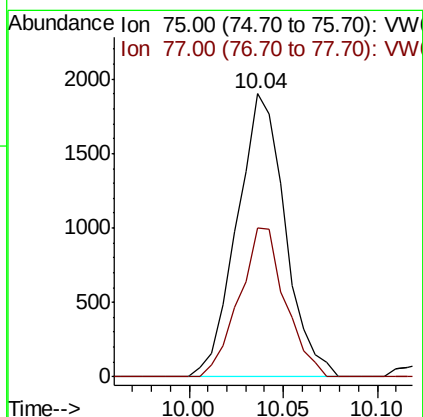
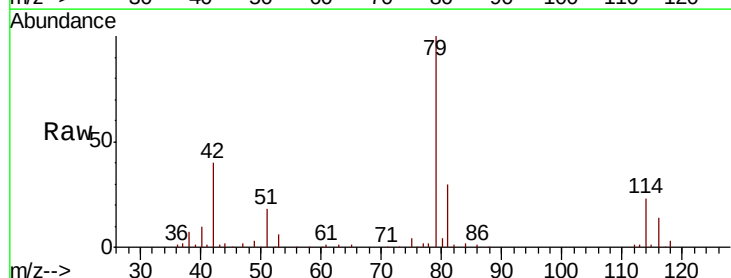
Instrument :
MSVOA_W
ClientSampleId :
BFSP6

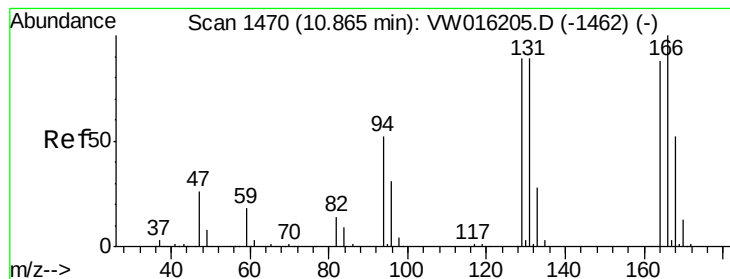
Tot Ion: 84 Resp: 15654
Ion Ratio Lower Upper
84 100
49 100.8 80.4 149.4
86 57.8 43.8 81.3



#42
cis-1,3-Dichloropropene
Concen: 0.388 ug/L
RT: 10.04 min Scan# 1334
Delta R.T. -0.04 min
Lab File: VW016218.D
Acq: 17 Aug 2020 15:12

Tgt Ion: 75 Resp: 3371
Ion Ratio Lower Upper
75 100
77 52.7 22.9 42.5#





#47

Tetrachloroethene

Concen: 1.184 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VW016218.D

Acq: 17 Aug 2020 15:12

Instrument :

MSVOA_W

ClientSampleId :

BFSP6

Tot Ion:164 Resp: 5547

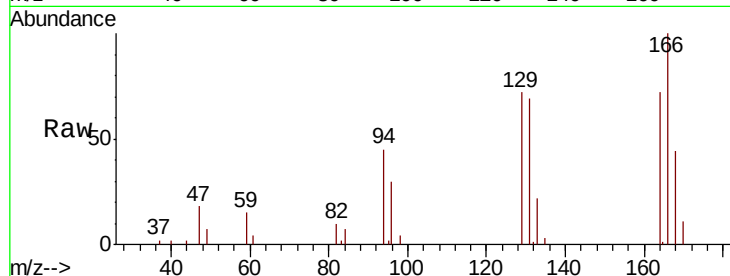
Ion Ratio Lower Upper

164 100

129 100.2 71.5 132.9

131 96.4 65.4 121.4

166 139.1 86.9 161.5

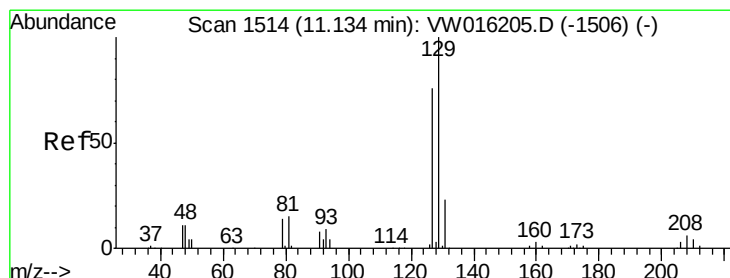
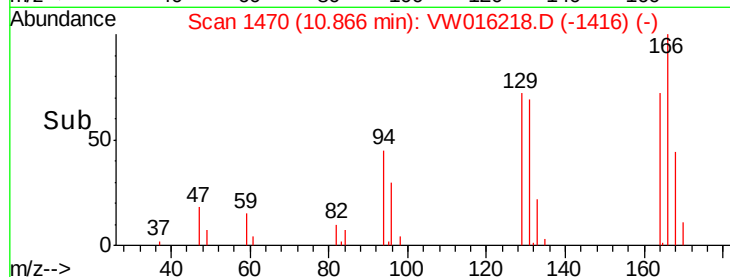
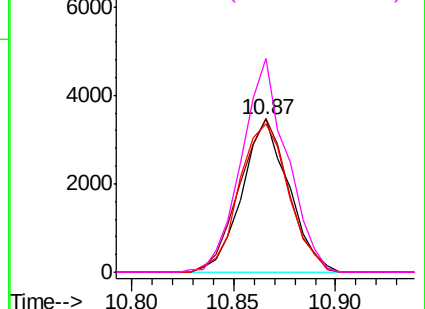


Abundance Ion 164.00 (163.70 to 164.70): V

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: 1.092 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. -0.27 min

Lab File: VW016218.D

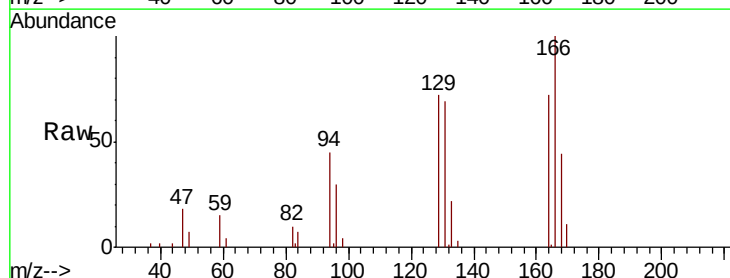
Acq: 17 Aug 2020 15:12

Tgt Ion:129 Resp: 5778

Ion Ratio Lower Upper

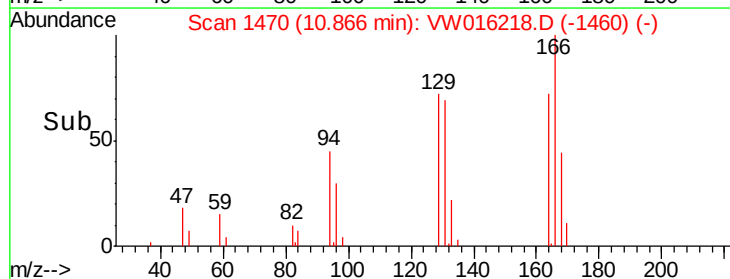
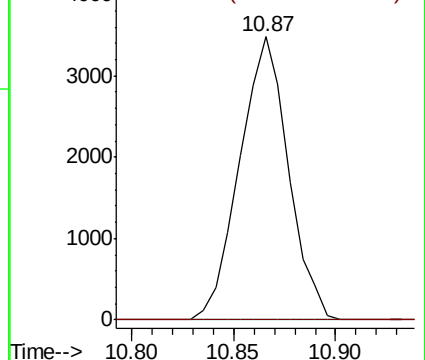
129 100

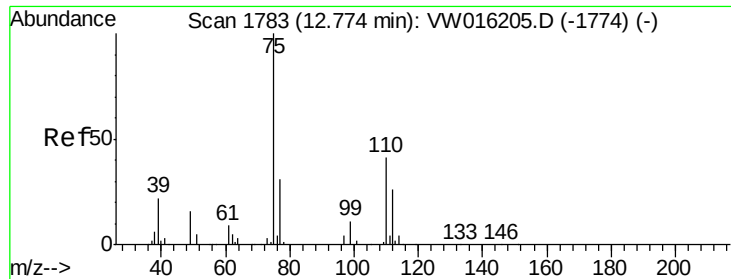
127 0.0 55.4 102.8#



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: 4.908 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW016218.D

Acq: 17 Aug 2020 15:12

Instrument :

MSVOA_W

ClientSampleId :

BFSP6

Tot Ion: 75 Resp: 19497

Ion Ratio Lower Upper

75 100

77 38.0 25.9 38.9

