

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080620\
 Data File : VW016053.D
 Acq On : 06 Aug 2020 19:04
 Operator : SY/VA
 Sample : L3564-05
 Misc : 5.56G/10ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFSP9

Quant Time: Aug 07 07:44:01 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	378020	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	335570	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	148312	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	63427	11.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	47.56%
7) Chloroethane-d5	2.89	69	55032	12.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	50.80%
10) 1,1-Dichloroethene-d2	4.01	63	105035	9.74	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	38.96%#
20) 2-Butanone-d5	7.09	46	33059	23.59	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	47.18%
24) Chloroform-d	7.65	84	168999	15.92	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	63.68%
26) 1,2-Dichloroethane-d4	8.31	65	86253	14.80	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	59.20%#
29) Benzene-d6	8.27	84	329026	16.11	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	64.44%
33) 1,2-Dichloropropane-d6	9.27	67	100980	16.49	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	65.96%#
37) Toluene-d8	10.32	98	289042	15.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	62.48%
38) trans-1,3-Dichloropropene-	10.58	79	35242	13.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	54.00%
39) 2-Hexanone-d5	10.93	63	25051	24.57	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	49.14%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	77037	16.37	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	65.48%
61) 1,2-Dichlorobenzene-d4	13.85	152	100625	17.40	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	69.60%#

Target Compounds

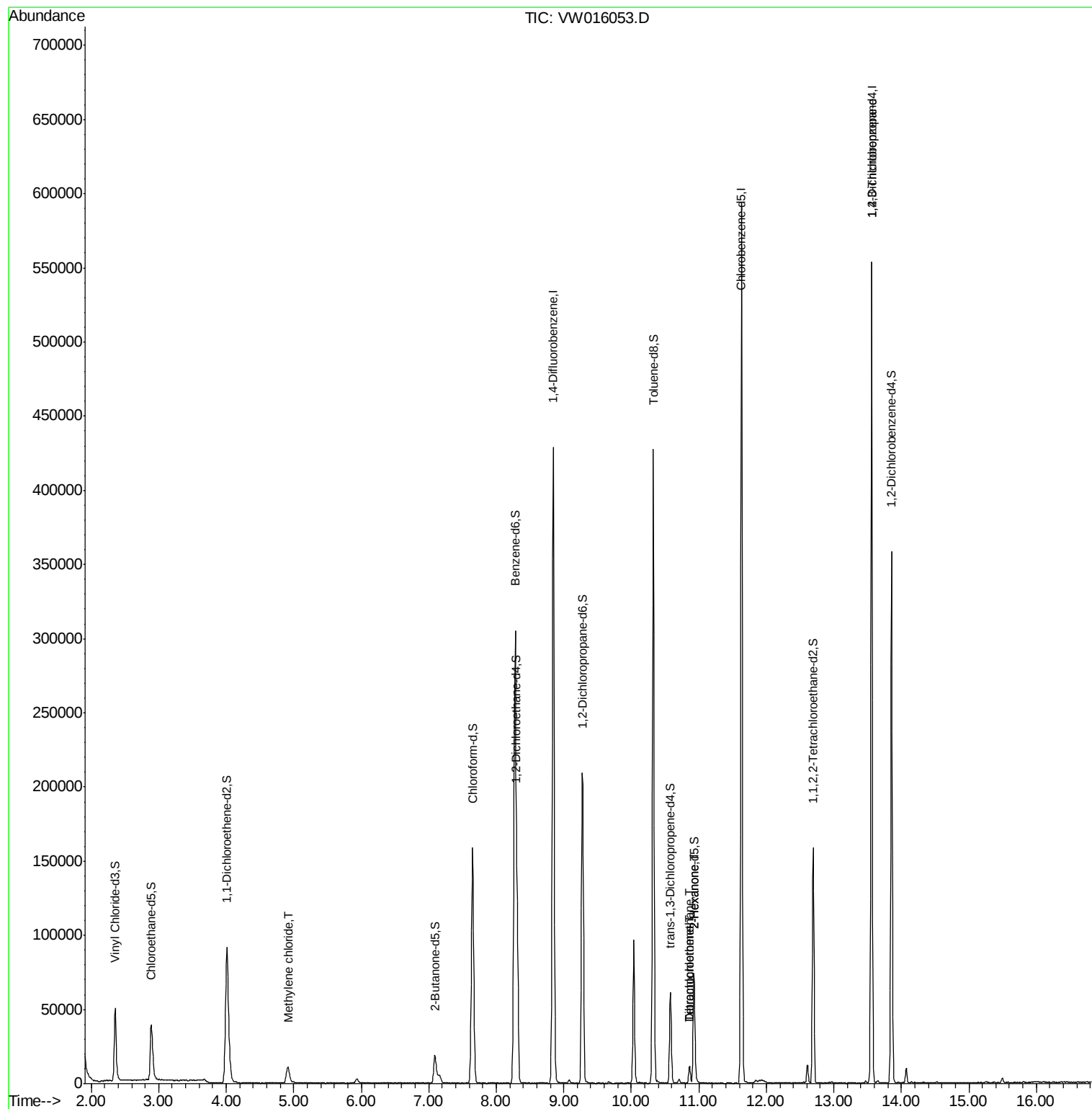
					Ovalue
16) Methylene chloride	4.92	84	9870	1.593 ug/L	93
47) Tetrachloroethene	10.87	164	2717	0.649 ug/L	89
49) 2-Hexanone	10.93	43	4767	2.279 ug/L #	65
50) Dibromochloromethane	10.87	129	2528	0.601 ug/L #	11
59) 1,2,3-Trichloropropane	13.56	75	15510	4.855 ug/L	90

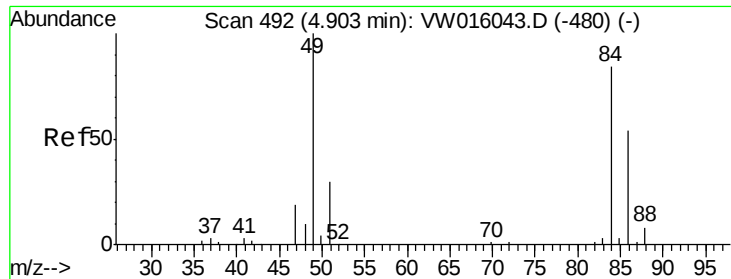
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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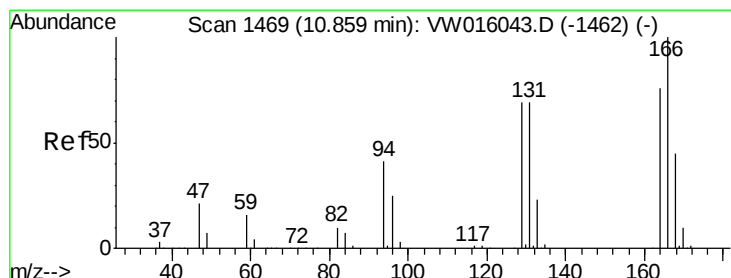
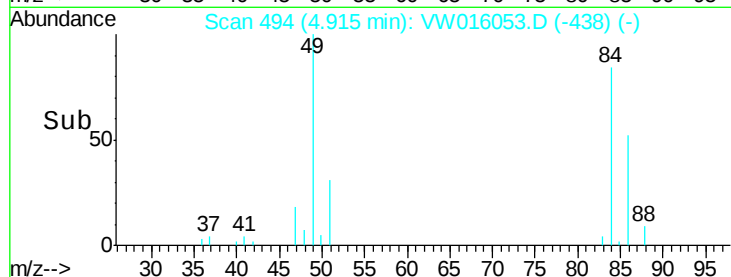
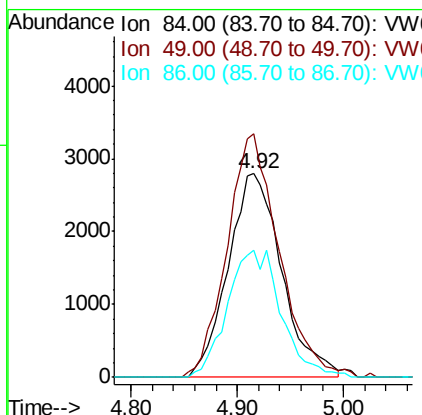
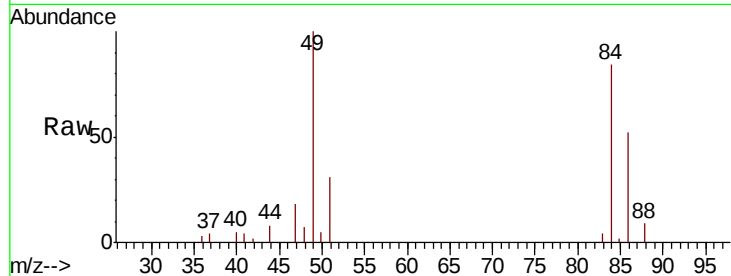




#16
Methylene chloride
Concen: 1.593 ug/L
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW016053.D
Acq: 06 Aug 2020 19:04

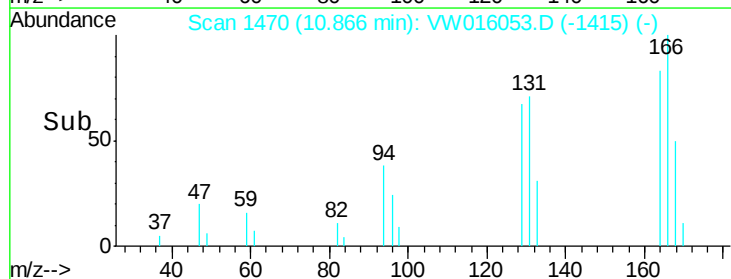
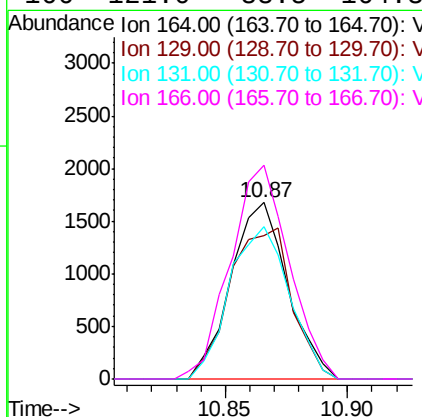
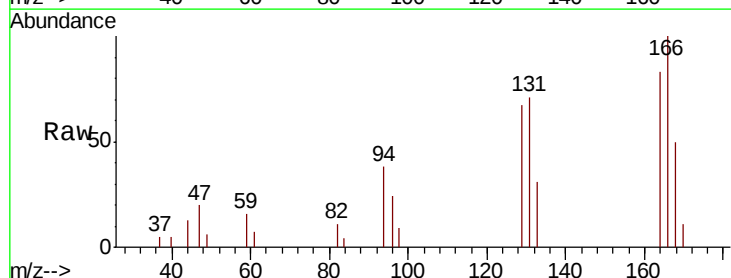
Instrument :
MSVOA_W
ClientSampleId :
BFSP9

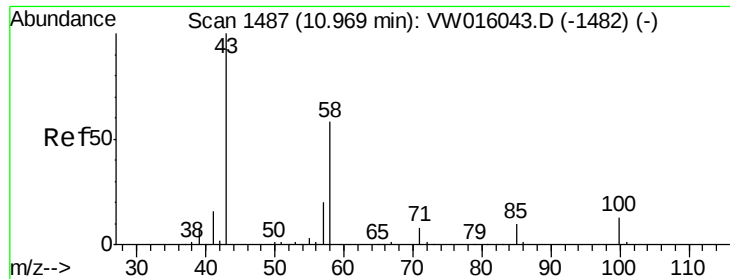
Tot Ion: 84 Resp: 9870
Ion Ratio Lower Upper
84 100
49 119.6 91.1 169.1
86 62.6 46.0 85.4



#47
Tetrachloroethene
Concen: 0.649 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VW016053.D
Acq: 06 Aug 2020 19:04

Tgt Ion: 164 Resp: 2717
Ion Ratio Lower Upper
164 100
129 81.6 70.0 130.0
131 86.3 67.3 124.9
166 121.0 88.5 164.3





#49

2-Hexanone

Concen: 2.279 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW016053.D

Acq: 06 Aug 2020 19:04

Instrument :

MSVOA_W

ClientSampleId :

BFSP9

Tot Ion: 43 Resp: 4767

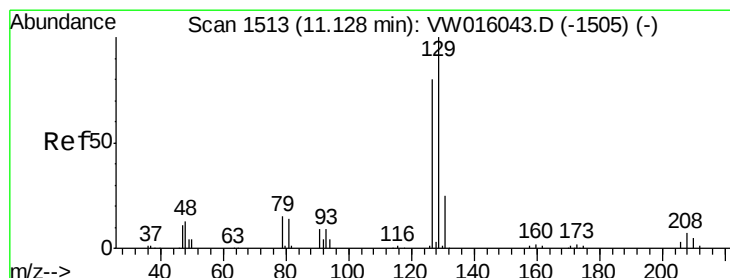
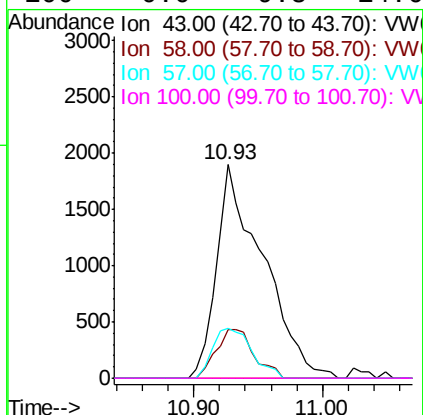
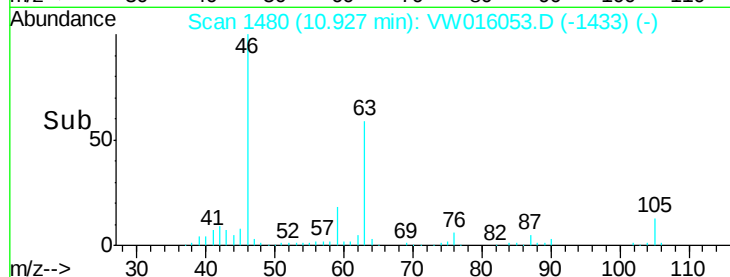
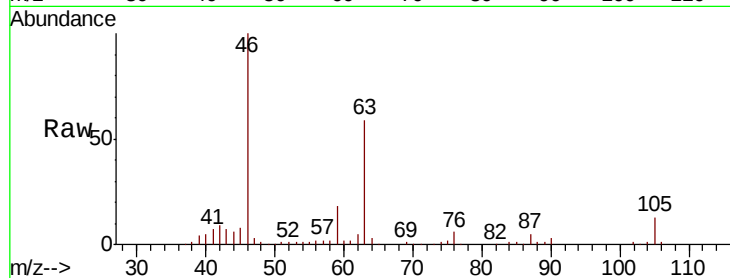
Ion Ratio Lower Upper

43 100

58 18.7 42.4 63.6#

57 20.1 15.6 23.4

100 0.0 9.8 14.6#



#50

Dibromochloromethane

Concen: 0.601 ug/L

RT: 10.87 min Scan# 1471

Delta R.T. -0.26 min

Lab File: VW016053.D

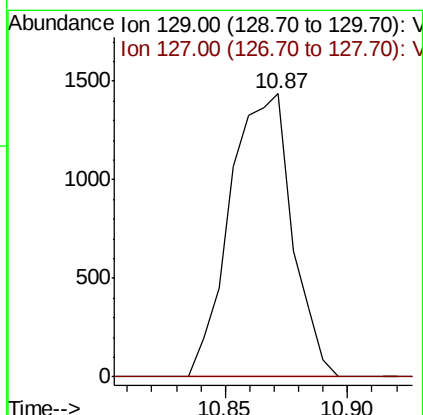
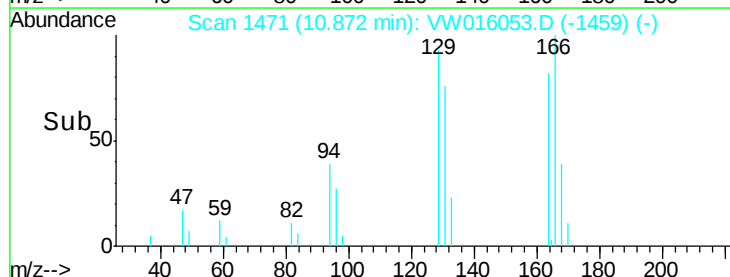
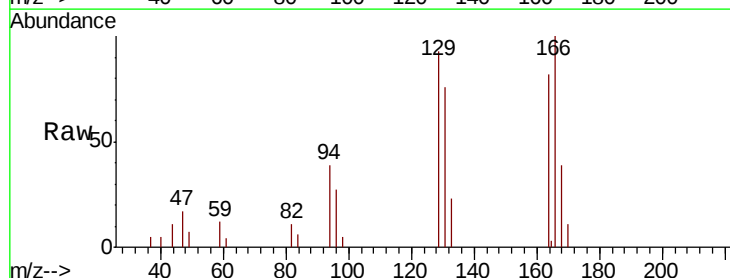
Acq: 06 Aug 2020 19:04

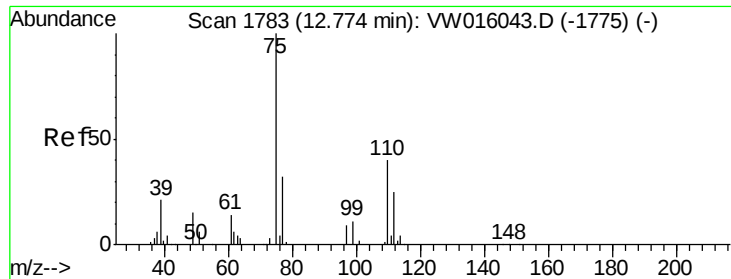
Tgt Ion: 129 Resp: 2528

Ion Ratio Lower Upper

129 100

127 0.0 53.8 100.0#





#59

1,2,3-Trichloropropane

Concen: 4.855 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW016053.D

Acq: 06 Aug 2020 19:04

Instrument :

MSVOA_W

ClientSampleId :

BFSP9

Tot Ion: 75 Resp: 15510

Ion Ratio Lower Upper

75 100

77 38.0 26.0 39.0

