

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072920\
 Data File : VW015991.D
 Acq On : 29 Jul 2020 16:16
 Operator : SY/VA
 Sample : L3492-06
 Misc : 4.47G/10ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 D0AA3

Quant Time: Jul 30 03:32:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 30 03:30:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	485161	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	319982	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	63143	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	135058	19.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.92%
7) Chloroethane-d5	2.90	69	112521	20.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.96%
10) 1,1-Dichloroethene-d2	4.01	63	200792	14.51	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.04%
20) 2-Butanone-d5	7.09	46	47749	26.55	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	53.10%
24) Chloroform-d	7.65	84	253992	18.64	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	74.56%
26) 1,2-Dichloroethane-d4	8.31	65	120955	16.17	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	64.68%#
29) Benzene-d6	8.28	84	512501	26.31	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.24%
33) 1,2-Dichloropropane-d6	9.28	67	150503	25.78	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.12%
37) Toluene-d8	10.33	98	390027	22.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.44%
38) trans-1,3-Dichloropropene-	10.58	79	48189	19.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.44%
39) 2-Hexanone-d5	10.93	63	32632	33.56	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	67.12%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	70798	15.77	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	63.08%
61) 1,2-Dichlorobenzene-d4	13.86	152	44399	18.03	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	72.12%#

Target Compounds

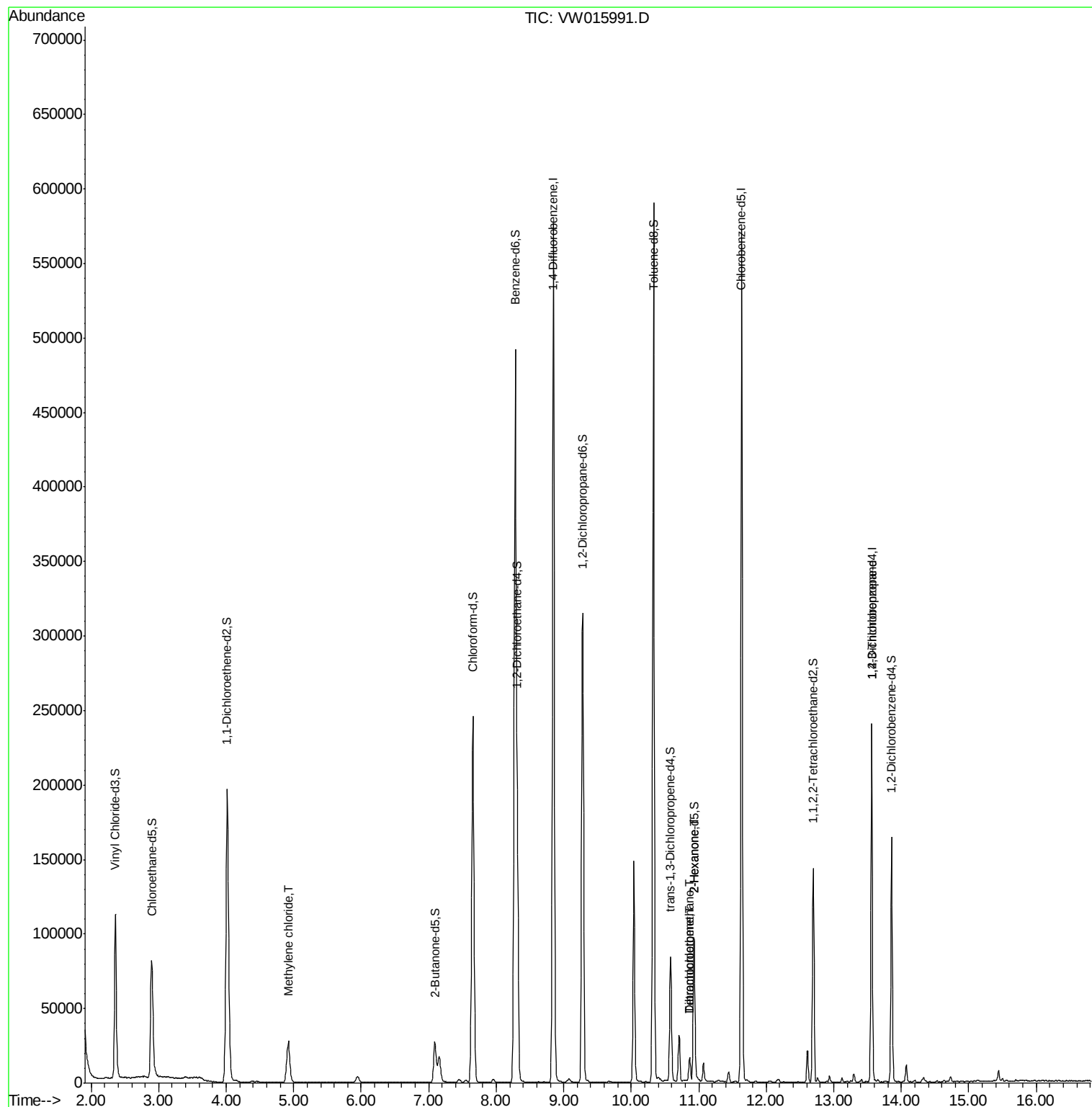
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
16) Methylene chloride	4.92	84	21988	2.766	ug/L	95
47) Tetrachloroethene	10.87	164	3426	0.859	ug/L	89
49) 2-Hexanone	10.93	43	4358	2.185	ug/L #	72
50) Dibromochloromethane	10.87	129	3309	0.826	ug/L #	11
59) 1,2,3-Trichloropropane	13.56	75	7823	2.568	ug/L	91

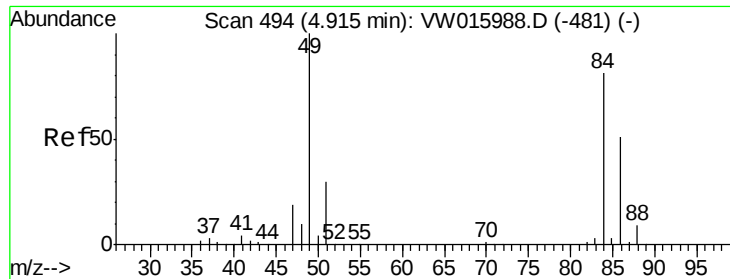
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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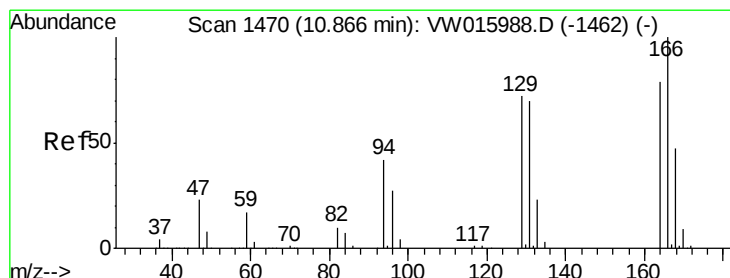
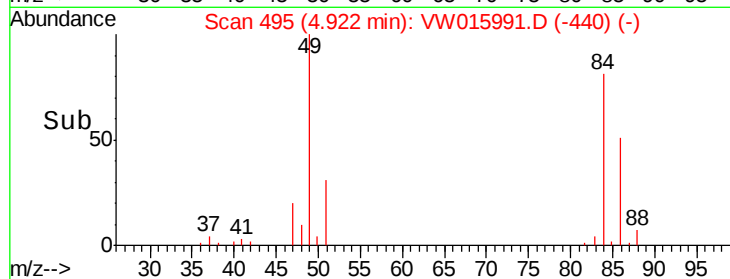
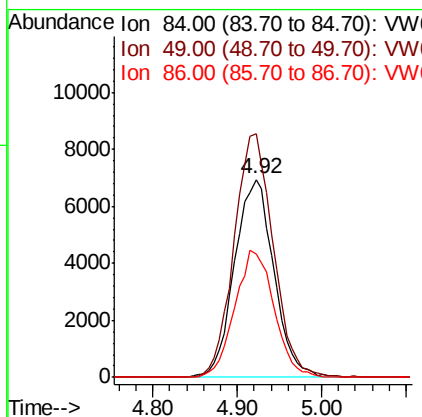
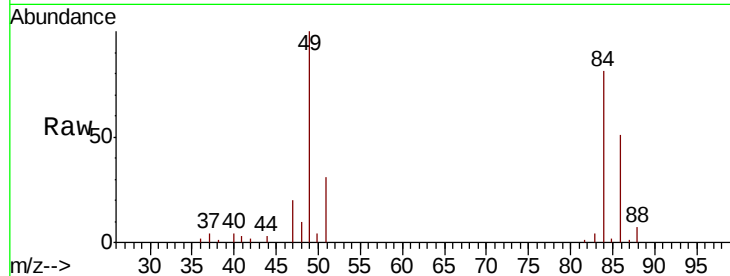




#16
Methylene chloride
Concen: 2.766 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW015991.D
Acq: 29 Jul 2020 16:16

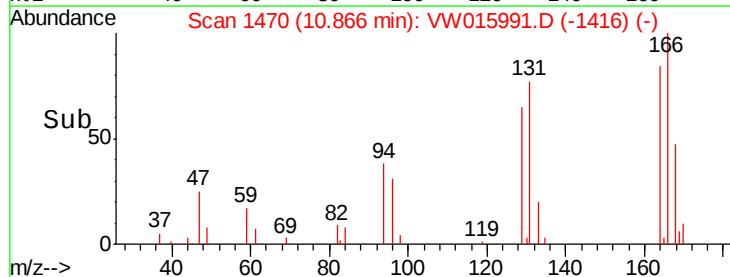
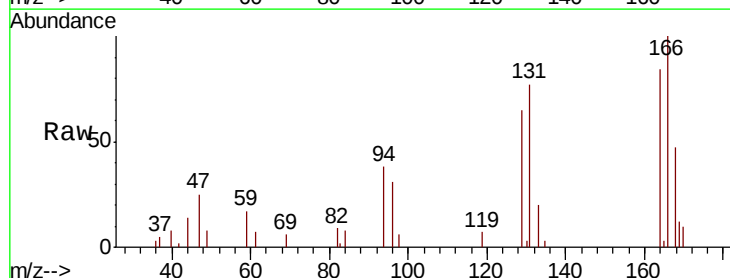
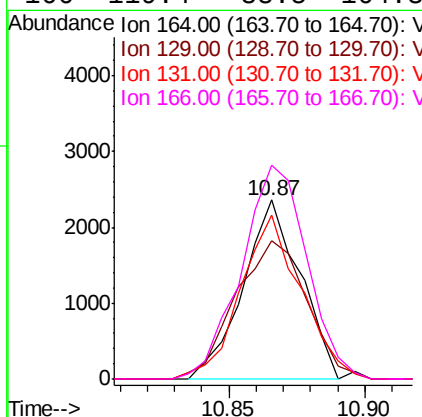
Instrument :
MSVOA_W
ClientSampled :
D0AA3

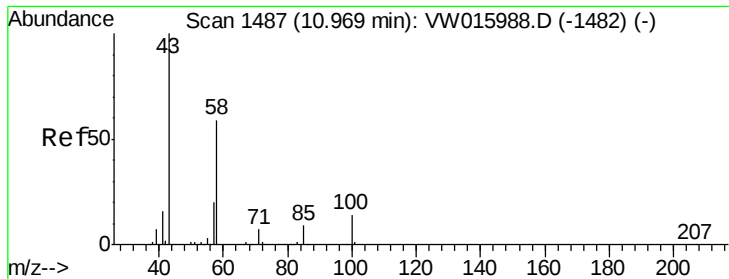
Tot Ion: 84 Resp: 21988
Ion Ratio Lower Upper
84 100
49 123.2 91.1 169.1
86 62.3 46.0 85.4



#47
Tetrachloroethene
Concen: 0.859 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW015991.D
Acq: 29 Jul 2020 16:16

Tgt Ion: 164 Resp: 3426
Ion Ratio Lower Upper
164 100
129 77.2 70.0 130.0
131 91.5 67.3 124.9
166 119.4 88.5 164.3

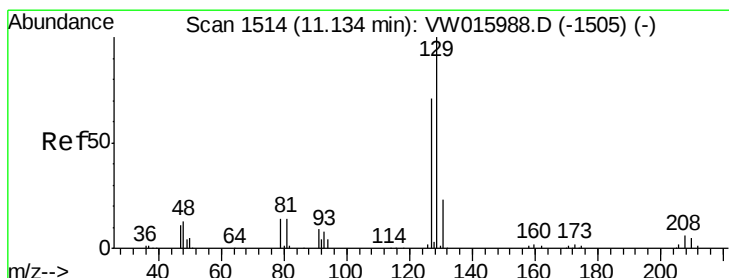
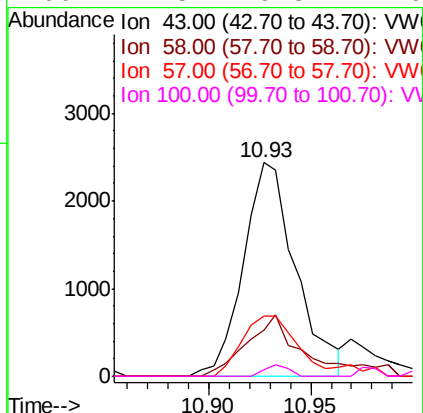
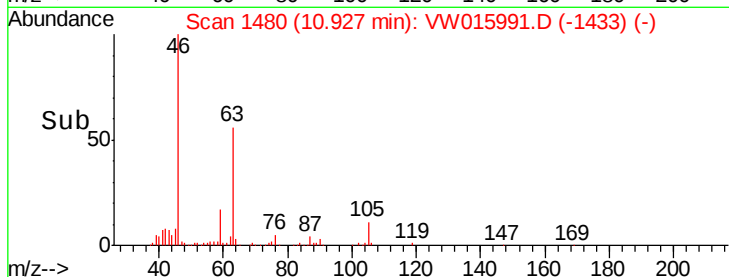
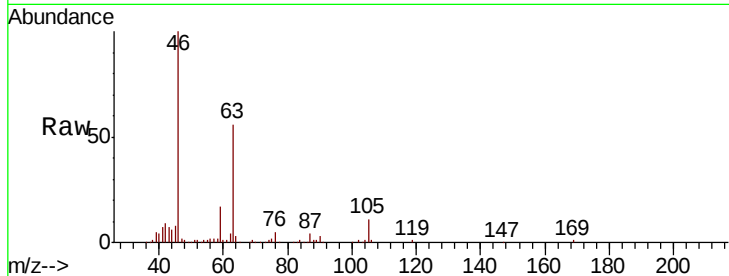




#49
2-Hexanone
Concen: 2.185 ug/L
RT: 10.93 min Scan# 1480
Delta R.T. -0.04 min
Lab File: VW015991.D
Acq: 29 Jul 2020 16:16

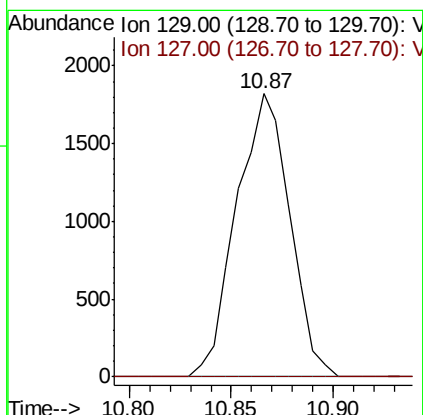
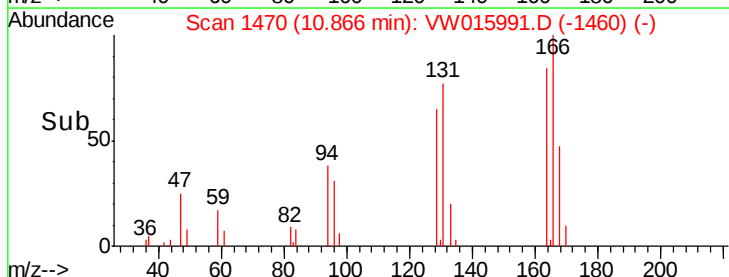
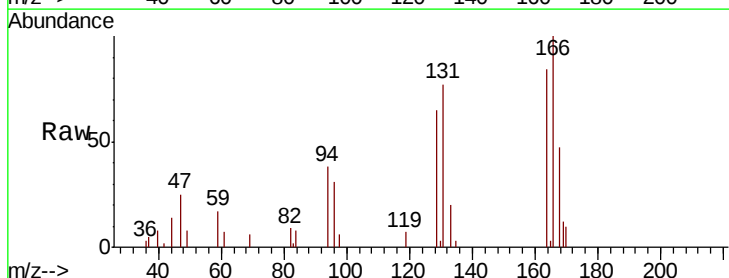
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D0AA3

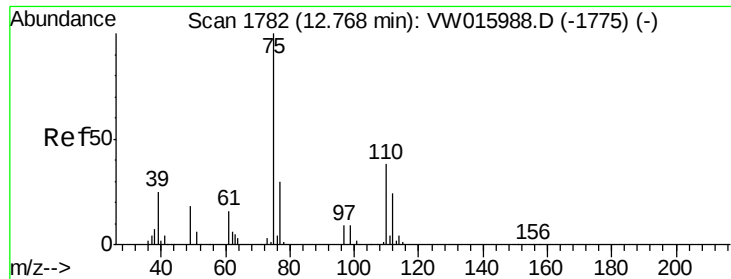
Tot Ion: 43 Resp: 4358
Ion Ratio Lower Upper
43 100
58 30.9 42.4 63.6#
57 29.2 15.6 23.4#
100 2.5 9.8 14.6#



#50
Dibromochloromethane
Concen: 0.826 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. -0.27 min
Lab File: VW015991.D
Acq: 29 Jul 2020 16:16

Tgt Ion:129 Resp: 3309
Ion Ratio Lower Upper
129 100
127 0.0 53.8 100.0#





#59

1,2,3-Trichloropropane

Concen: 2.568 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW015991.D

Acq: 29 Jul 2020 16:16

Instrument :

MSVOA_W

ClientSampleId :

D0AA3

Tot Ion: 75 Resp: 7823

Ion Ratio Lower Upper

75 100

77 37.6 26.0 39.0

