

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090920\
 Data File : VW016505.D
 Acq On : 09 Sep 2020 18:31
 Operator : SY/VA
 Sample : L3945-02
 Misc : 5.91G/10ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFWX6

Quant Time: Sep 10 05:17:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM090320S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 10 05:09:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	127839	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	98009	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	29156	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	43540	32.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	128.40%
7) Chloroethane-d5	2.89	69	40334	33.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	132.48%
10) 1,1-Dichloroethene-d2	4.03	63	66381	21.29	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	85.16%
20) 2-Butanone-d5	7.09	46	13738	28.36	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	56.72%
24) Chloroform-d	7.65	84	77095	25.74	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.96%
26) 1,2-Dichloroethane-d4	8.31	65	38704	23.64	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.56%
29) Benzene-d6	8.28	84	157711	31.65	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	126.60%
33) 1,2-Dichloropropane-d6	9.28	67	44146	30.16	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	120.64%#
37) Toluene-d8	10.33	98	145648	30.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	123.00%
38) trans-1,3-Dichloropropene-	10.59	79	17266	23.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.52%
39) 2-Hexanone-d5	10.93	63	10936	36.55	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.10%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	26416	21.34	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.36%
61) 1,2-Dichlorobenzene-d4	13.85	152	27623	27.42	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	109.68%

Target Compounds

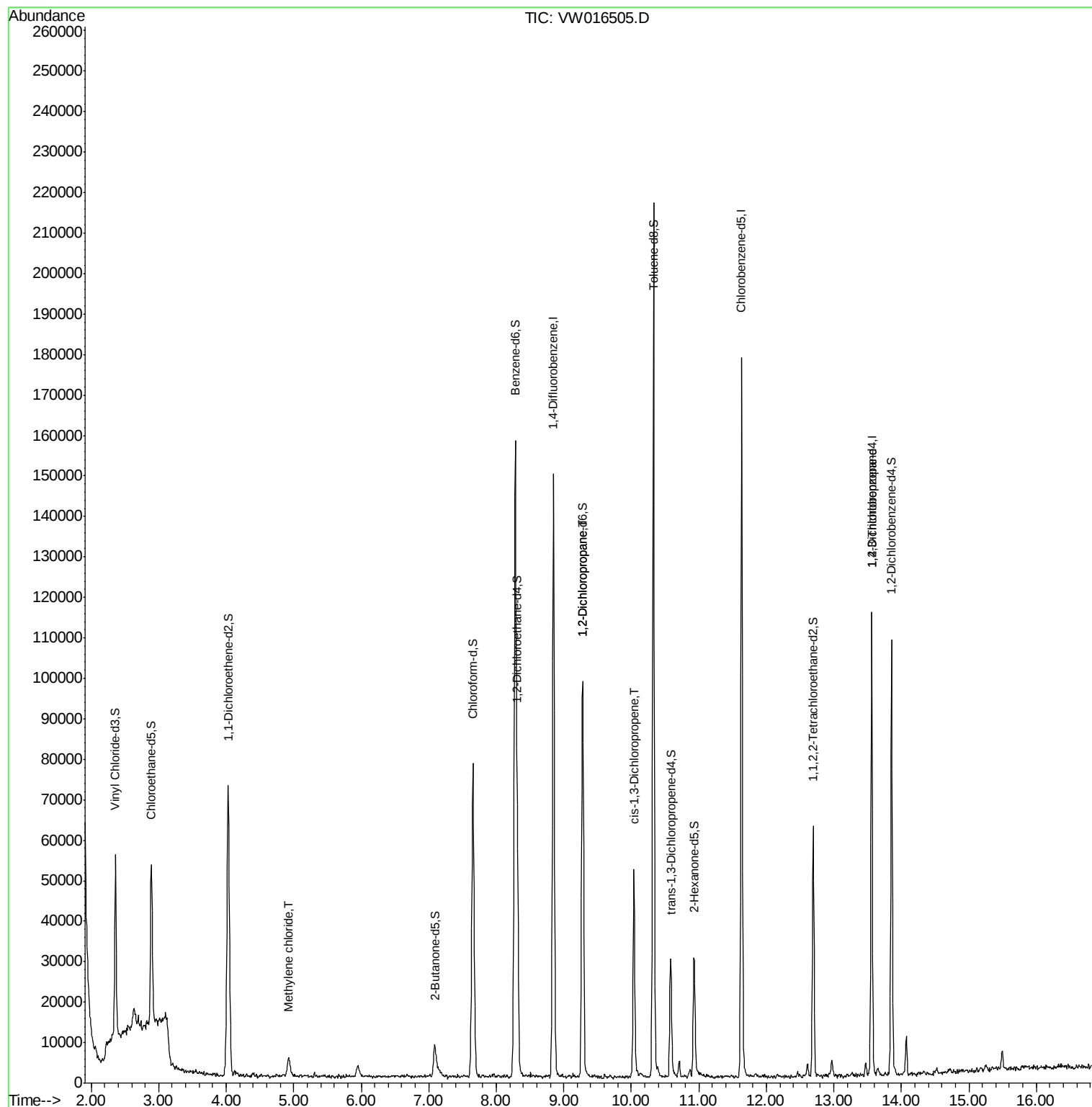
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
16) Methylene chloride	4.92	84	3388	1.698	ug/L	88
40) 1,2-Dichloropropane	9.28	63	5378	4.059	ug/L #	85
42) cis-1,3-Dichloropropene	10.04	75	1694	0.753	ug/L #	76
59) 1,2,3-Trichloropropane	13.56	75	4057	4.336	ug/L	89

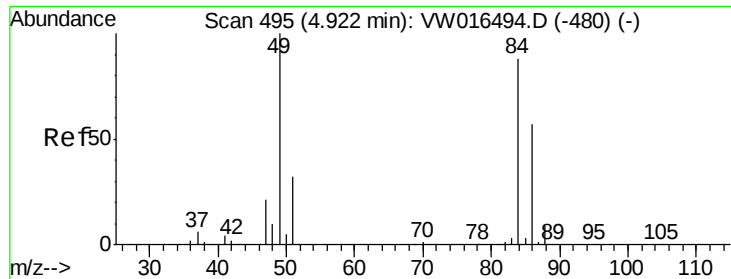
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Sep 10 05:09:14 2020
Response via : Initial Calibration

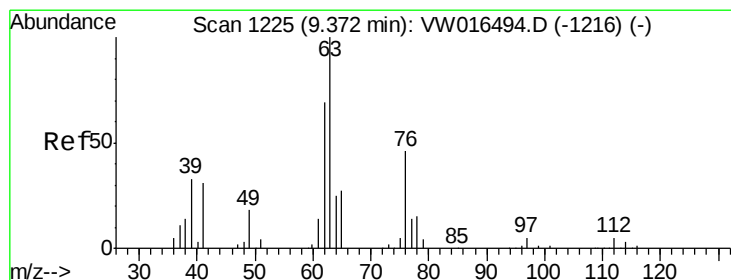
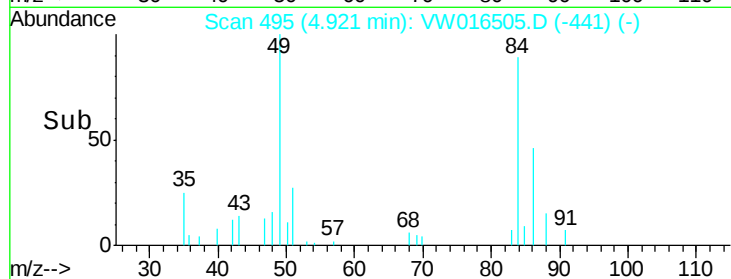
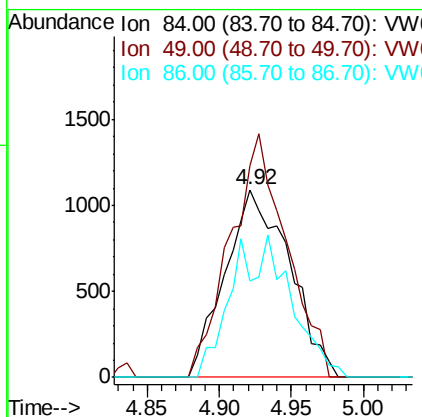
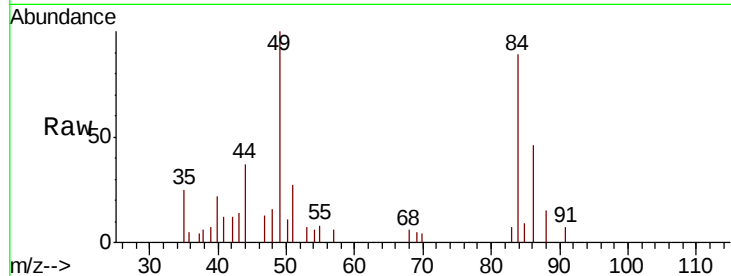




#16
Methvlene chloride
Concen: 1.698 ug/L
RT: 4.92 min Scan# 495
Delta R.T. -0.00 min
Lab File: VW016505.D
Acq: 09 Sep 2020 18:31

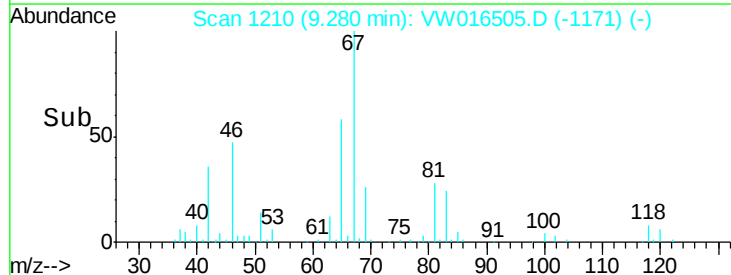
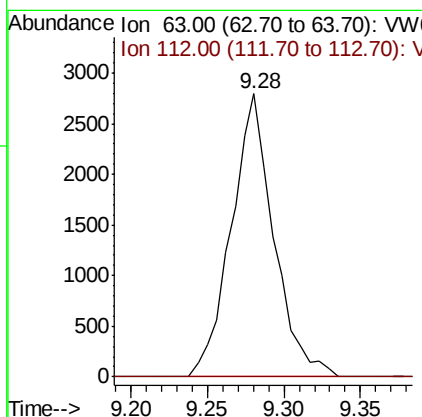
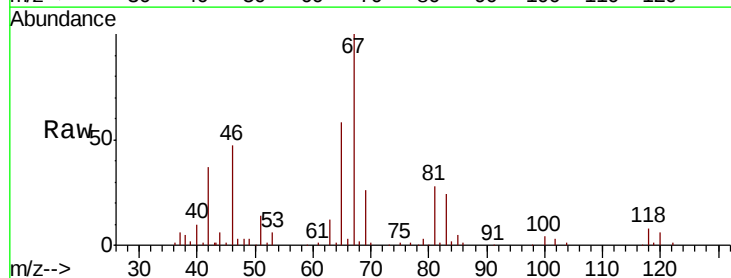
Instrument :
MSVOA_W
ClientSampleId :
BFWX6

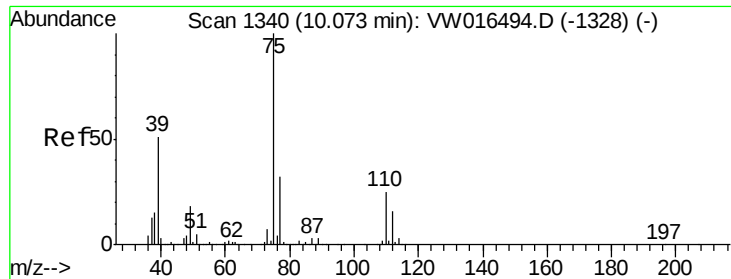
Tot Ion: 84 Resp: 3388
Ion Ratio Lower Upper
84 100
49 112.6 86.7 160.9
86 51.6 44.9 83.5



#40
1,2-Dichloropropane
Concen: 4.059 ug/L
RT: 9.28 min Scan# 1210
Delta R.T. -0.09 min
Lab File: VW016505.D
Acq: 09 Sep 2020 18:31

Tgt Ion: 63 Resp: 5378
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.8#





#42

cis-1,3-Dichloropropene

Concen: 0.753 ug/L

RT: 10.04 min Scan# 1335

Delta R.T. -0.03 min

Lab File: VW016505.D

Acq: 09 Sep 2020 18:31

Instrument :

MSVOA_W

ClientSampled :

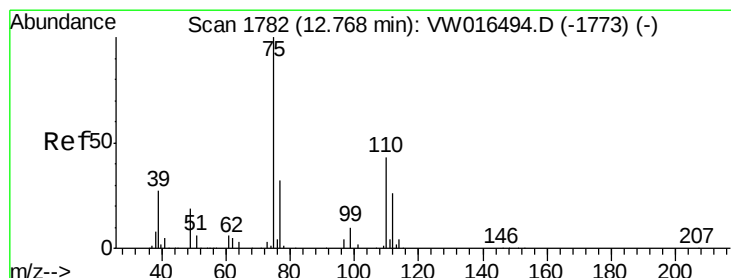
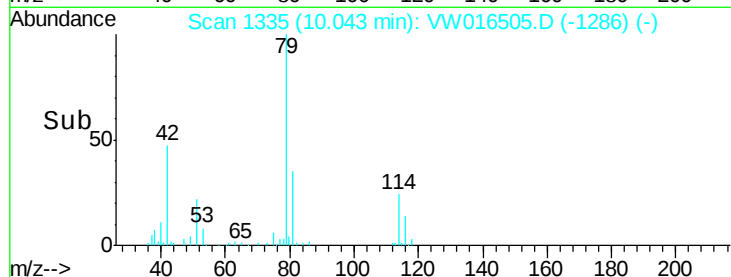
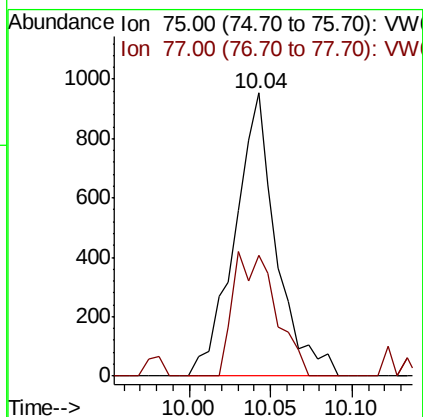
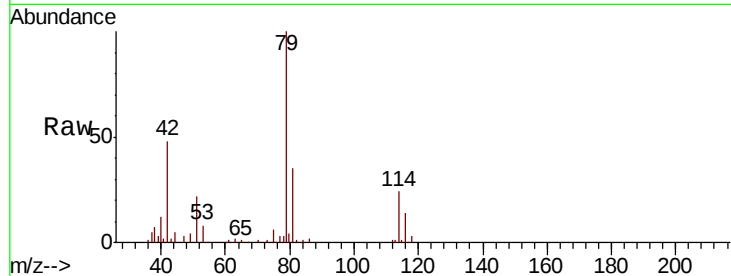
BFWX6

Tot Ion: 75 Resp: 1694

Ion Ratio Lower Upper

75 100

77 42.6 20.9 38.7#



#59

1,2,3-Trichloropropane

Concen: 4.336 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW016505.D

Acq: 09 Sep 2020 18:31

Tgt Ion: 75 Resp: 4057

Ion Ratio Lower Upper

75 100

77 38.7 26.0 39.0

