

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090920\
 Data File : VW016504.D
 Acq On : 09 Sep 2020 18:07
 Operator : SY/VA
 Sample : L3950-10
 Misc : 5.93G/10ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFX01

Quant Time: Sep 10 05:17:18 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	675448	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	585940	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	259322	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	190713	26.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.44%
7) Chloroethane-d5	2.90	69	166139	25.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.28%
10) 1,1-Dichloroethene-d2	4.19	63	169	0.01	ug/L	0.16
Spiked Amount	25.000	Range	45 - 110	Recovery	=	0.04%#
20) 2-Butanone-d5	7.09	46	75152	29.36	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	58.72%
24) Chloroform-d	7.65	84	356273	22.52	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.08%
26) 1,2-Dichloroethane-d4	8.31	65	187426	21.66	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.64%
29) Benzene-d6	8.28	84	721537	24.22	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.88%
33) 1,2-Dichloropropane-d6	9.28	67	199266	22.77	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.08%
37) Toluene-d8	10.33	98	685823	24.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.88%
38) trans-1,3-Dichloropropene-	10.58	79	93458	21.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.68%
39) 2-Hexanone-d5	10.93	63	64712	36.18	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.36%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	150050	20.28	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	81.12%
61) 1,2-Dichlorobenzene-d4	13.85	152	215507	24.05	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.20%

Target Compounds

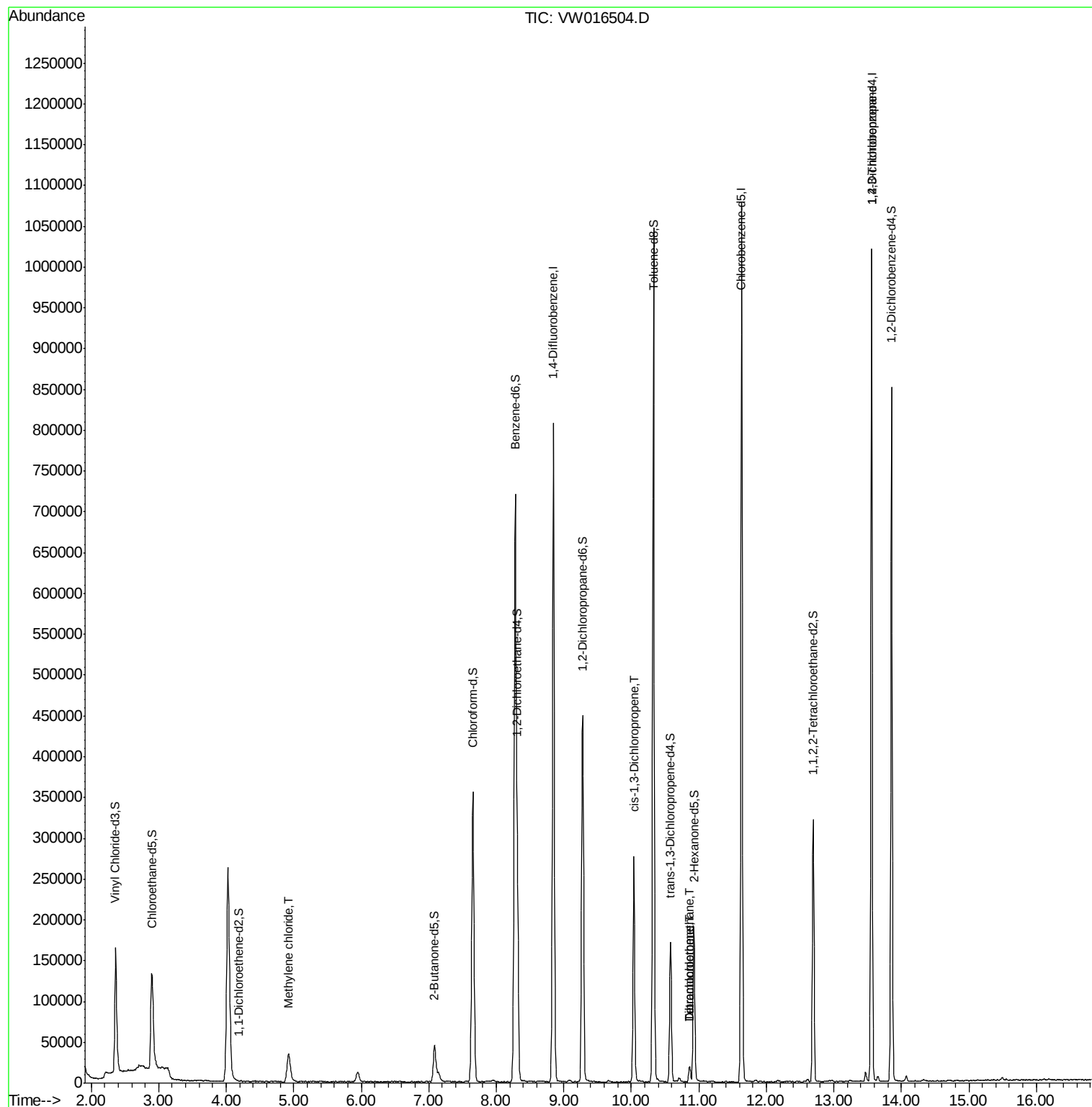
					Ovalue
16) Methylene chloride	4.93	84	29625	2.810	ug/L 89
42) cis-1,3-Dichloropropene	10.04	75	8270	0.615	ug/L # 82
47) Tetrachloroethene	10.87	164	4328	0.608	ug/L 82
50) Dibromochloromethane	10.87	129	4019	0.506	ug/L # 10
59) 1,2,3-Trichloropropane	13.55	75	33518	5.992	ug/L 89

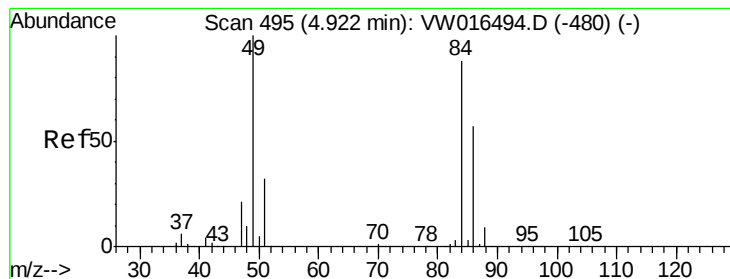
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#16

Methylene chloride

Concen: 2.810 ug/L

RT: 4.93 min Scan# 496

Delta R.T. 0.01 min

Lab File: VW016504.D

Acq: 09 Sep 2020 18:07

Instrument :

MSVOA_W

ClientSampled :

BFX01

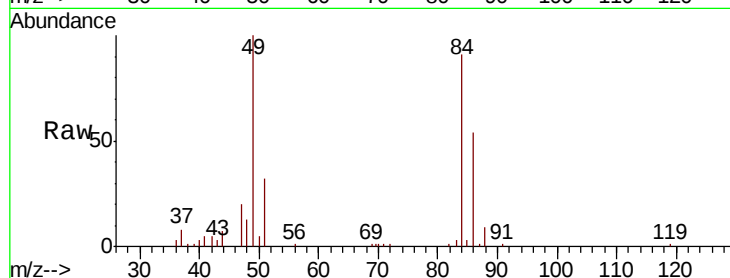
Tot Ion: 84 Resp: 29625

Ion Ratio Lower Upper

84 100

49 109.5 86.7 160.9

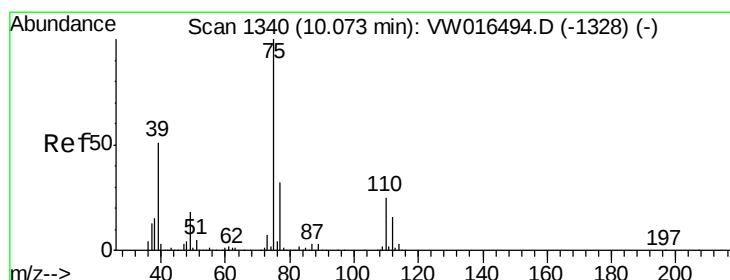
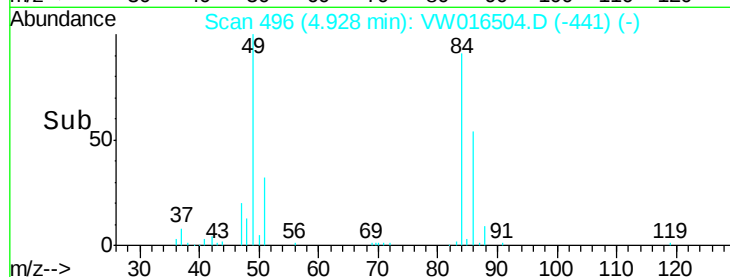
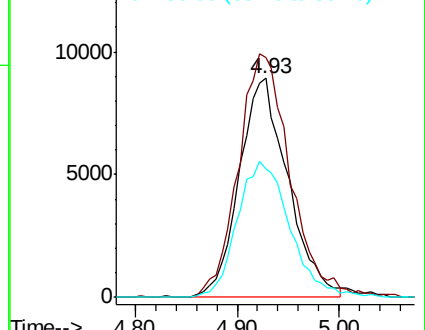
86 58.7 44.9 83.5



Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW



#42

cis-1,3-Dichloropropene

Concen: 0.615 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW016504.D

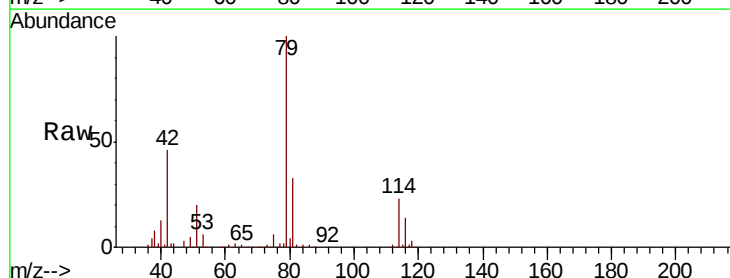
Acq: 09 Sep 2020 18:07

Tgt Ion: 75 Resp: 8270

Ion Ratio Lower Upper

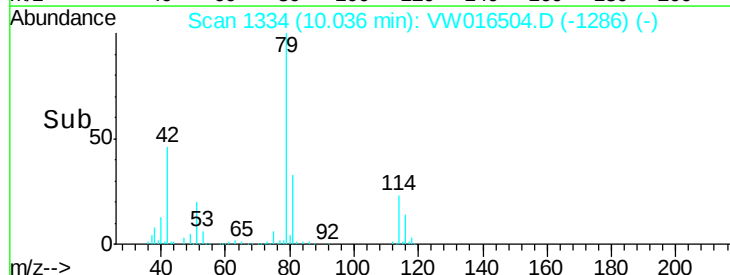
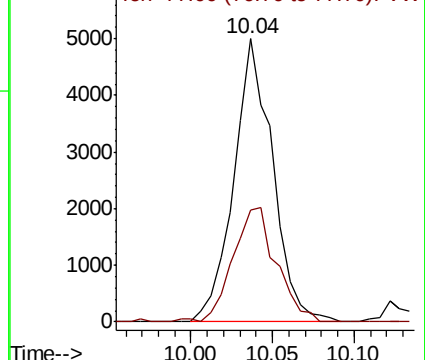
75 100

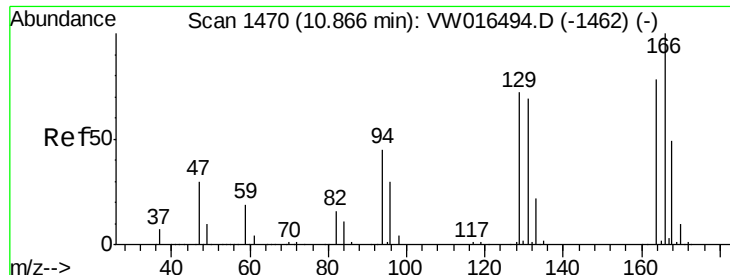
77 39.5 20.9 38.7#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#47

Tetrachloroethene

Concen: 0.608 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VW016504.D

Acq: 09 Sep 2020 18:07

Instrument :

MSVOA_W

ClientSampled :

BFX01

Tot Ion:164 Resp: 4328

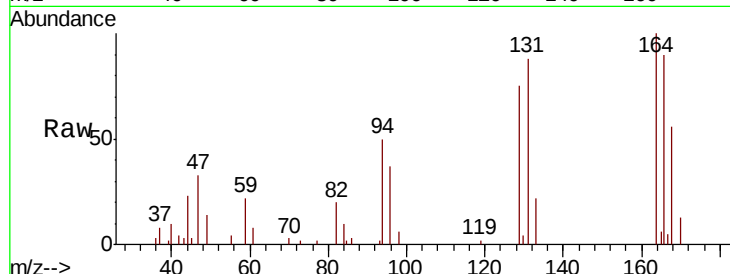
Ion Ratio Lower Upper

164 100

129 74.7 65.7 121.9

131 87.9 61.1 113.5

166 89.7 85.0 157.8

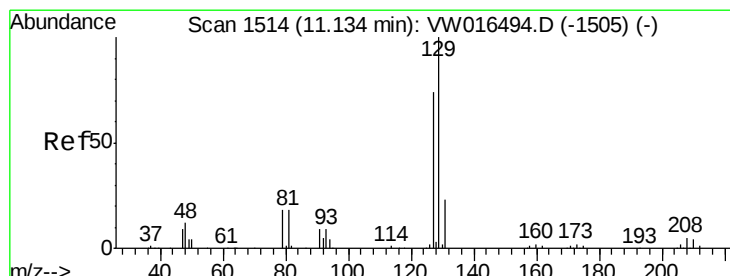
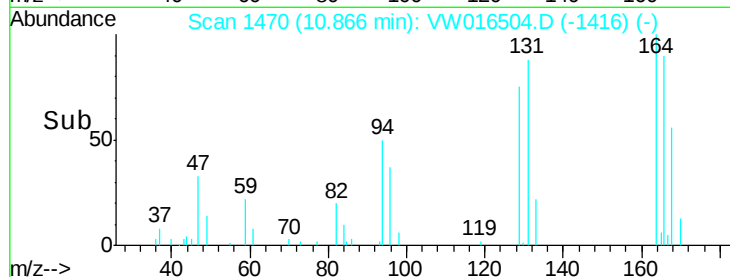
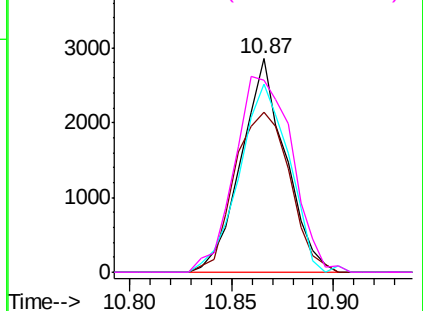


Abundance Ion 164.00 (163.70 to 164.70): V

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: 0.506 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. -0.27 min

Lab File: VW016504.D

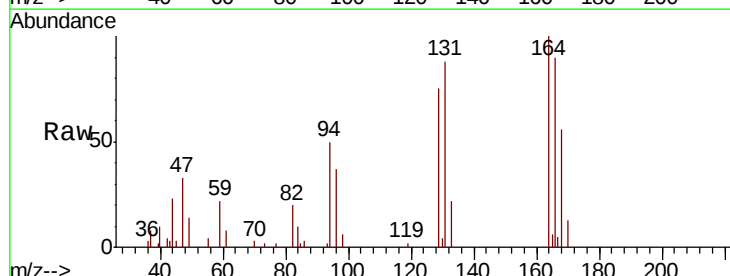
Acq: 09 Sep 2020 18:07

Tgt Ion:129 Resp: 4019

Ion Ratio Lower Upper

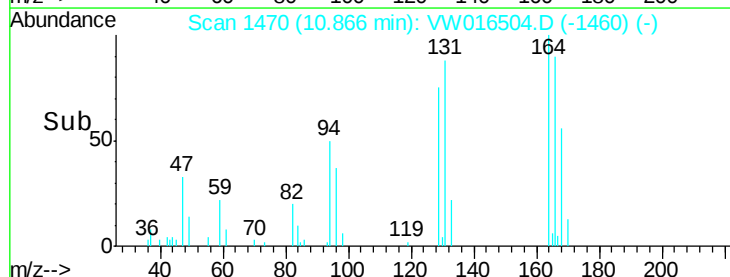
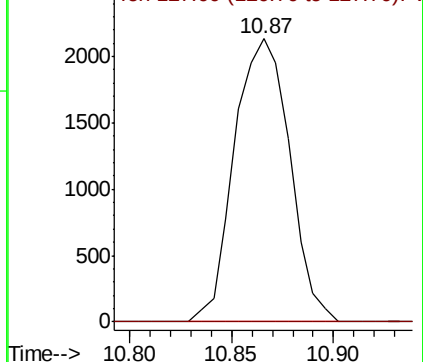
129 100

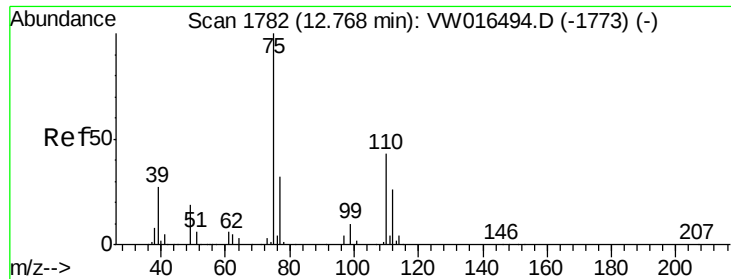
127 0.0 55.4 103.0#



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: 5.992 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW016504.D

Acq: 09 Sep 2020 18:07

Instrument :

MSVOA_W

ClientSampleId :

BFX01

Tot Ion: 75 Resp: 33518

Ion Ratio Lower Upper

75 100

77 38.9 26.0 39.0

