

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080620\
 Data File : VW016047.D
 Acq On : 06 Aug 2020 16:42
 Operator : SY/VA
 Sample : L3564-16
 Misc : 6.33G/10ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFWP5

Quant Time: Aug 07 07:43:09 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	8.84	114	356863	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	322465	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	146978	25.00	ug/L	0.00

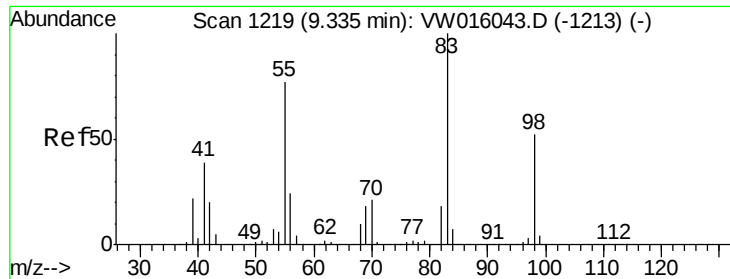
System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	75641	15.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	60.08%
7) Chloroethane-d5	2.89	69	64575	15.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.16%
10) 1,1-Dichloroethene-d2	4.01	63	131900	12.96	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	51.84%
20) 2-Butanone-d5	7.09	46	43853	33.15	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	66.30%
24) Chloroform-d	7.65	84	197321	19.69	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	78.76%
26) 1,2-Dichloroethane-d4	8.31	65	99664	18.11	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	72.44%
29) Benzene-d6	8.27	84	392538	20.00	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	80.00%
33) 1,2-Dichloropropane-d6	9.27	67	116751	19.84	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	79.36%
37) Toluene-d8	10.33	98	361447	20.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.32%
38) trans-1,3-Dichloropropene-	10.58	79	46524	18.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	74.20%
39) 2-Hexanone-d5	10.93	63	36399	37.15	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.30%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	88076	19.47	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	77.88%
61) 1,2-Dichlorobenzene-d4	13.85	152	123344	21.52	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.08%

Target Compounds

					Ovalue
36) Methylcyclohexane	9.27	83	29233	3.288 ug/L #	18
40) 1,2-Dichloropropane	9.27	63	12636	2.604 ug/L #	88
42) cis-1,3-Dichloropropene	10.04	75	3022	0.409 ug/L #	56
47) Tetrachloroethene	10.87	164	117051	29.107 ug/L	96
50) Dibromochloromethane	10.87	129	110295	27.305 ug/L #	11
59) 1,2,3-Trichloropropane	13.56	75	16045	5.227 ug/L	92

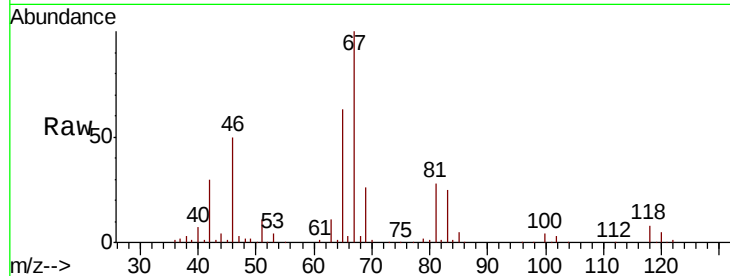
(#) = qualifier out of range (m) = manual integration (+) = signals summed



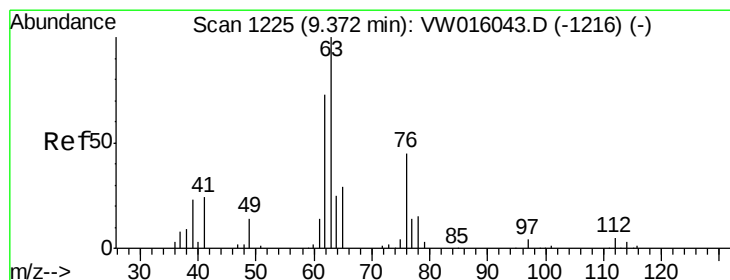
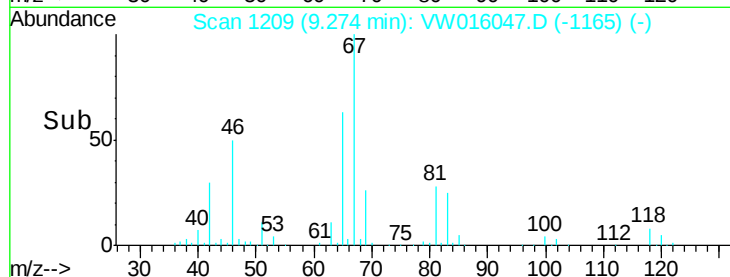
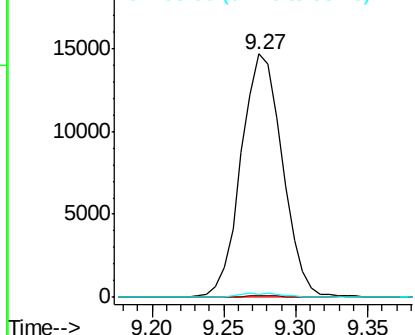
#36
Methvlcvclohexane
Concen: 3.288 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.06 min
Lab File: VW016047.D
Acq: 06 Aug 2020 16:42

Instrument :
MSVOA_W
ClientSampleId :
BFWP5

Tot Ion: 83 Resp: 29233
Ion Ratio Lower Upper
83 100
55 0.2 63.5 95.3#
98 1.8 39.0 58.4#

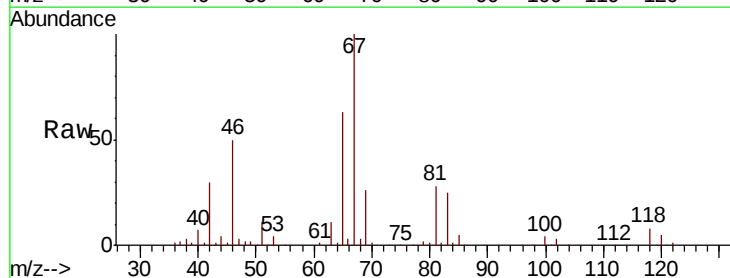


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

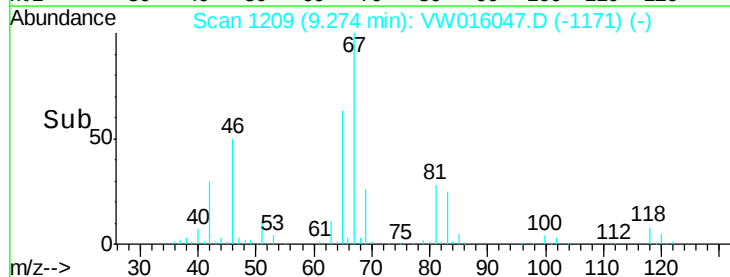
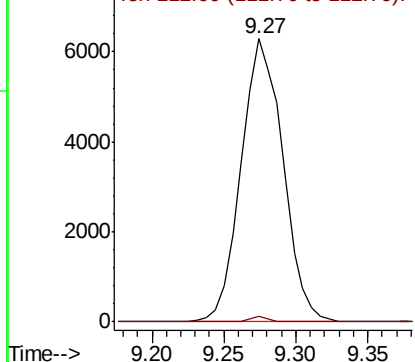


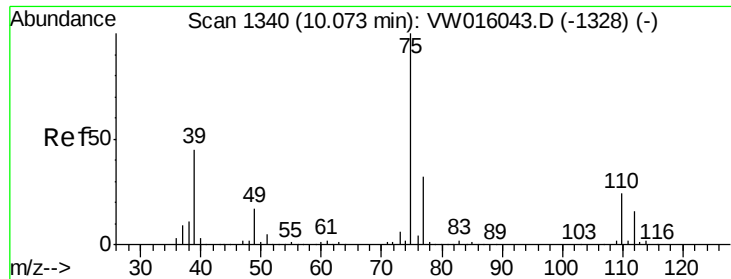
#40
1,2-Dichloropropane
Concen: 2.604 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.10 min
Lab File: VW016047.D
Acq: 06 Aug 2020 16:42

Tgt Ion: 63 Resp: 12636
Ion Ratio Lower Upper
63 100
112 0.7 3.7 5.5#



Abundance Ion 63.00 (62.70 to 63.70): VW
Ion 112.00 (111.70 to 112.70): V

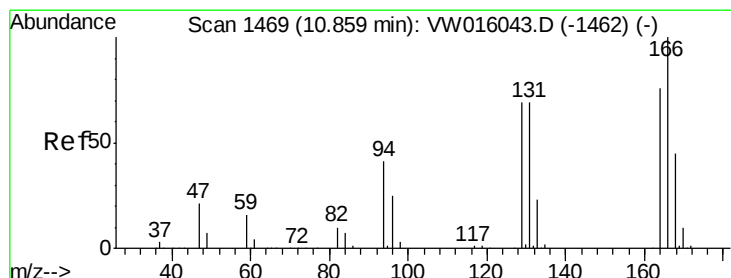
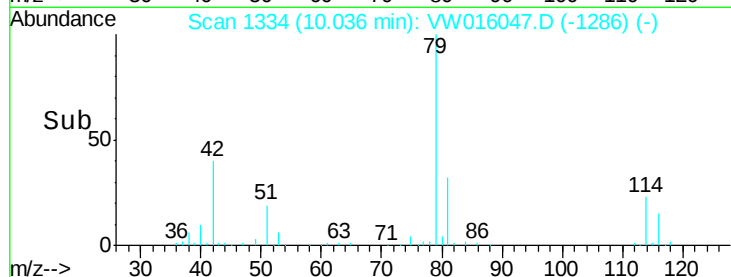
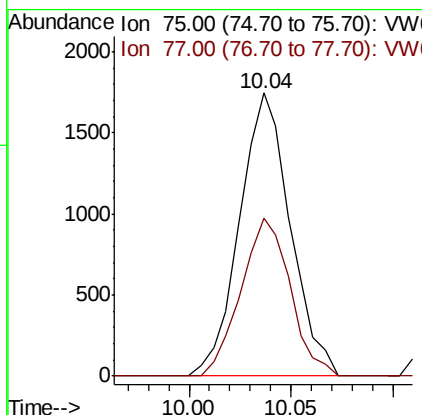
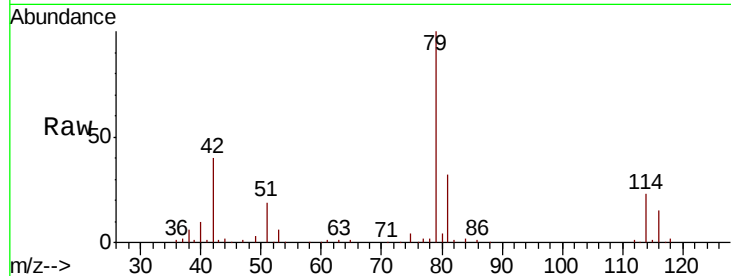




#42
 cis-1,3-Dichloropropene
 Concen: 0.409 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW016047.D
 Acq: 06 Aug 2020 16:42

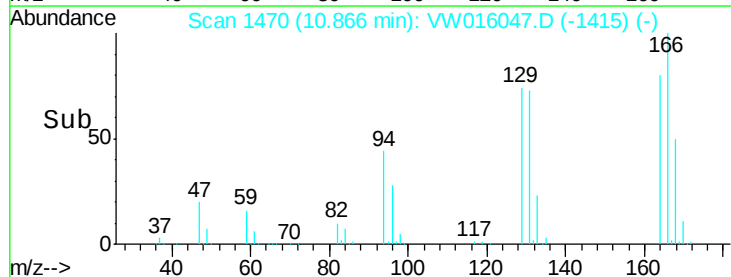
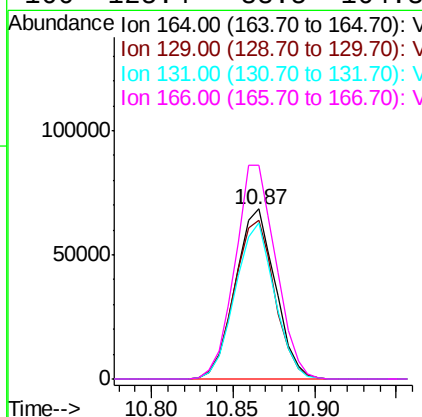
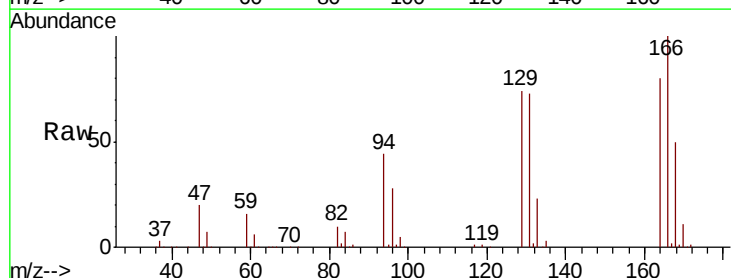
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 BFWP5

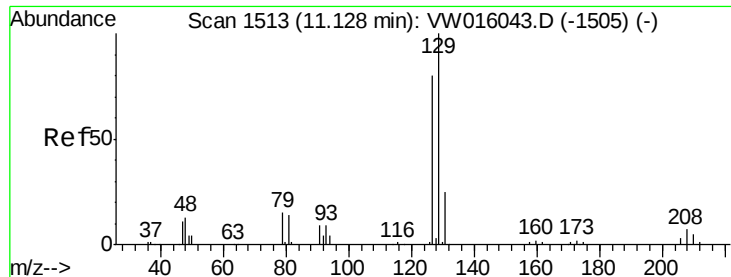
Tot Ion: 75 Resp: 3022
 Ion Ratio Lower Upper
 75 100
 77 55.9 22.2 41.2#



#47
 Tetrachloroethene
 Concen: 29.107 ug/L
 RT: 10.87 min Scan# 1470
 Delta R.T. 0.01 min
 Lab File: VW016047.D
 Acq: 06 Aug 2020 16:42

Tgt Ion: 164 Resp: 117051
 Ion Ratio Lower Upper
 164 100
 129 93.2 70.0 130.0
 131 92.0 67.3 124.9
 166 125.4 88.5 164.3





#50

Dibromochloromethane

Concen: 27.305 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. -0.26 min

Lab File: VW016047.D

Acq: 06 Aug 2020 16:42

Instrument :

MSVOA_W

ClientSampleId :

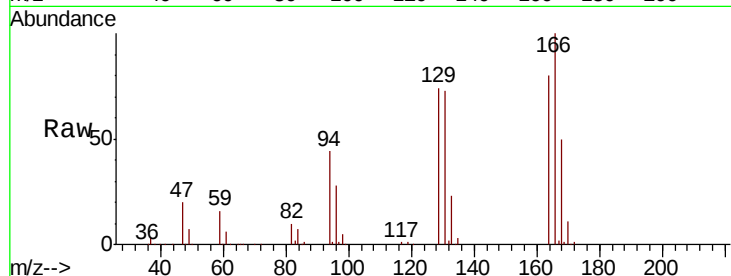
BFWP5

Tot Ion:129 Resp: 110295

Ion Ratio Lower Upper

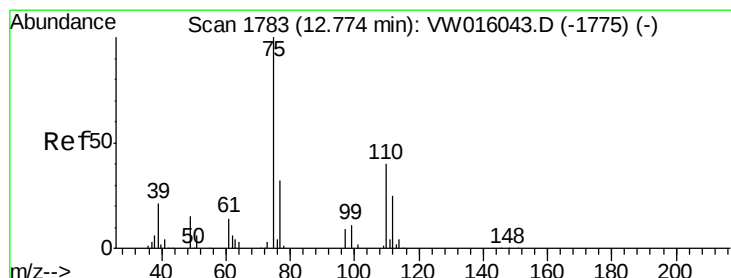
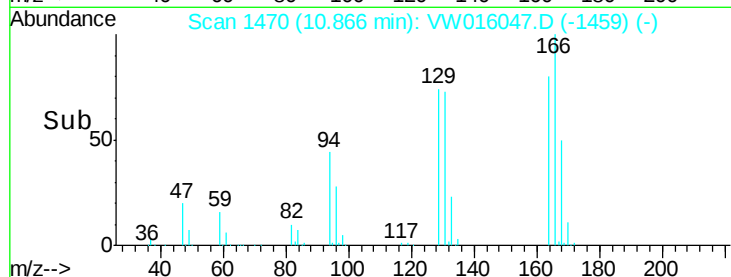
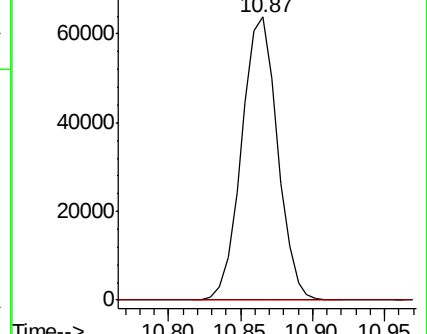
129 100

127 0.0 53.8 100.0#



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: 5.227 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW016047.D

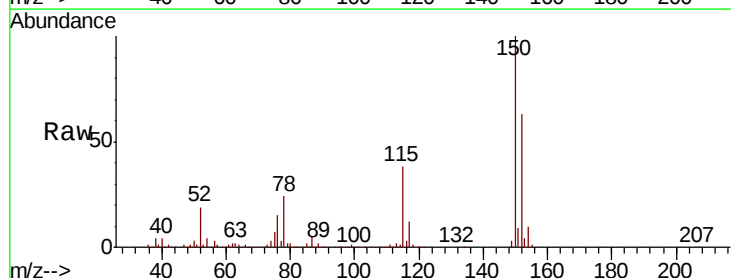
Acq: 06 Aug 2020 16:42

Tgt Ion: 75 Resp: 16045

Ion Ratio Lower Upper

75 100

77 37.1 26.0 39.0



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

