

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081720\
 Data File : VW016217.D
 Acq On : 17 Aug 2020 14:48
 Operator : SY/VA
 Sample : L3702-10
 Misc : 6.28G/10ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFSP5

Quant Time: Aug 18 03:23:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081020S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 18 03:20:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	369073	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	341934	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	146158	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	82878	18.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.44%
7) Chloroethane-d5	2.90	69	65448	18.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.36%
10) 1,1-Dichloroethene-d2	4.01	63	141338	14.54	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.16%
20) 2-Butanone-d5	7.08	46	48834	40.56	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.12%
24) Chloroform-d	7.65	84	194136	19.60	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	78.40%
26) 1,2-Dichloroethane-d4	8.51	65	39	0.01	ug/L	0.20
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.04%#
29) Benzene-d6	8.27	84	386082	20.76	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.04%
33) 1,2-Dichloropropane-d6	9.28	67	114729	20.97	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	83.88%
37) Toluene-d8	10.33	98	345871	20.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.08%
38) trans-1,3-Dichloropropene-	10.58	79	46543	18.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.72%
39) 2-Hexanone-d5	10.93	63	39532	41.89	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.78%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	99361	22.31	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.24%
61) 1,2-Dichlorobenzene-d4	13.85	152	127848	24.68	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.72%

Target Compounds

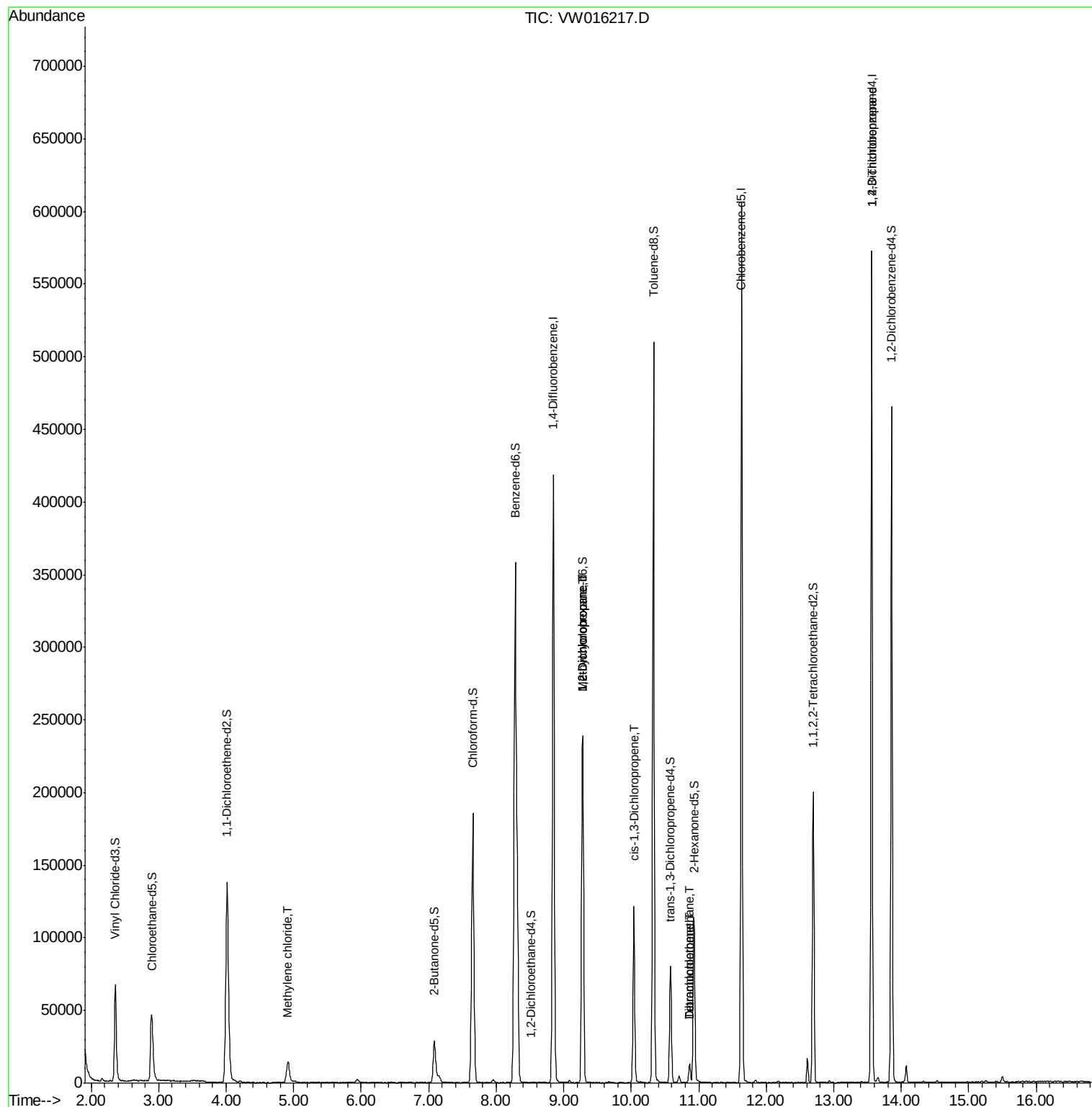
					Ovalue
16) Methylene chloride	4.91	84	11745	2.015 ug/L	93
36) Methylcyclohexane	9.28	83	29023	3.323 ug/L #	19
40) 1,2-Dichloropropane	9.27	63	12035	2.485 ug/L #	86
42) cis-1,3-Dichloropropene	10.04	75	2909	0.394 ug/L #	77
47) Tetrachloroethene	10.87	164	3025	0.761 ug/L	86
50) Dibromochloromethane	10.87	129	2899	0.646 ug/L #	10
59) 1,2,3-Trichloropropane	13.56	75	16996	5.044 ug/L	91

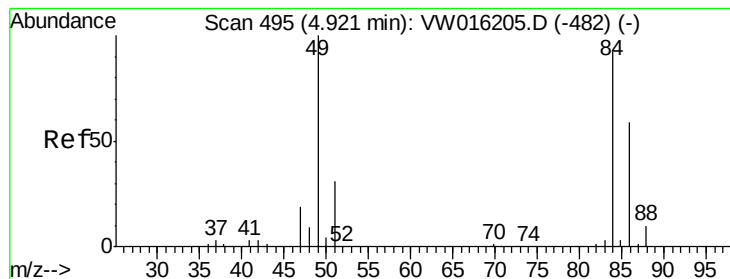
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Aug 18 03:20:41 2020
Response via : Initial Calibration





#16

Methylene chloride

Concen: 2.015 ug/L

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW016217.D

Acq: 17 Aug 2020 14:48

Instrument :

MSVOA_W

ClientSampled :

BFSP5

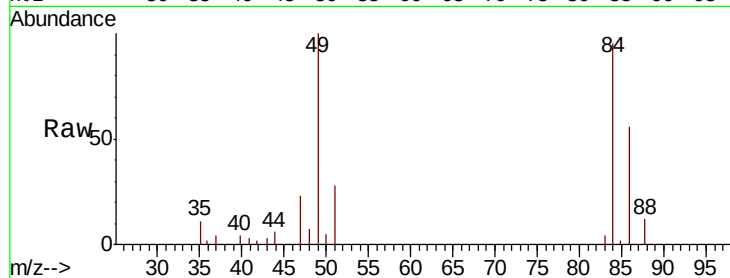
Tot Ion: 84 Resp: 11745

Ion Ratio Lower Upper

84 100

49 105.3 80.4 149.4

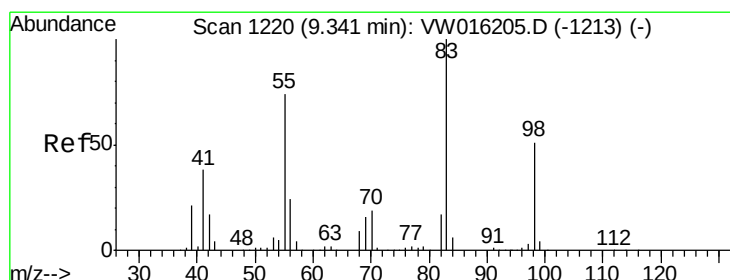
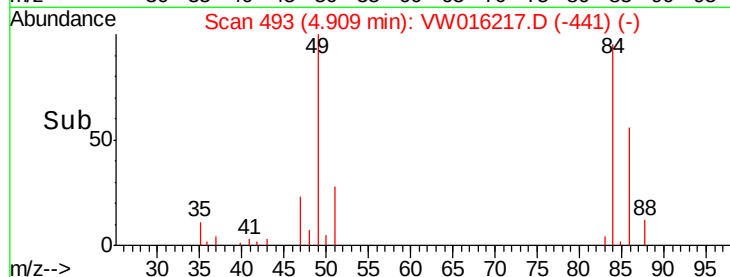
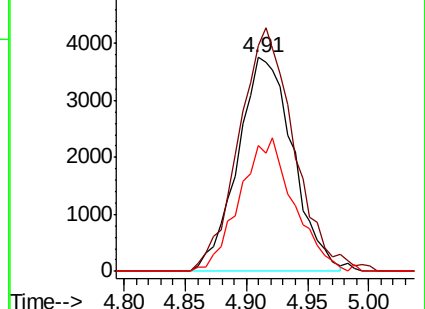
86 58.7 43.8 81.3



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



#36

Methylcyclohexane

Concen: 3.323 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.06 min

Lab File: VW016217.D

Acq: 17 Aug 2020 14:48

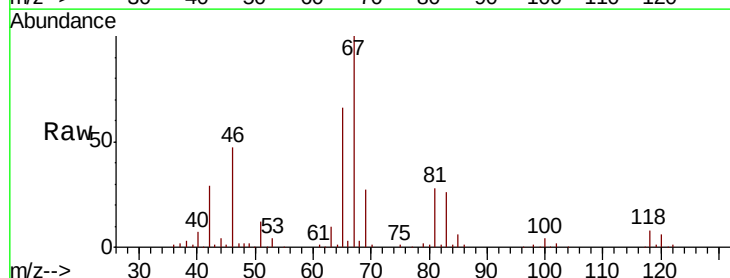
Tgt Ion: 83 Resp: 29023

Ion Ratio Lower Upper

83 100

55 0.5 60.7 91.1#

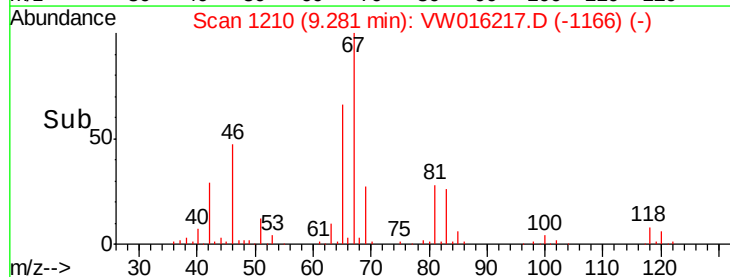
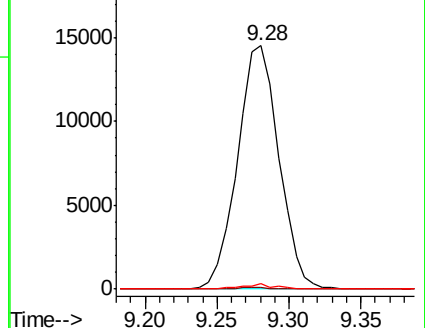
98 1.2 39.4 59.0#

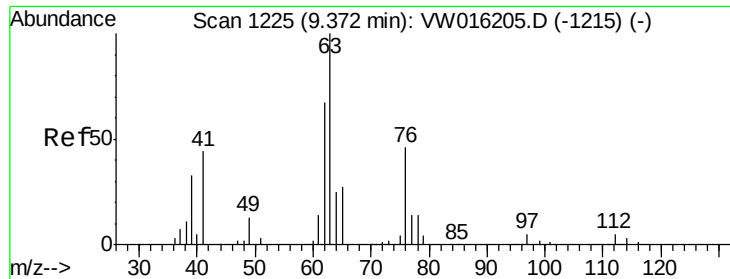


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW





#40

1,2-Dichloropropane

Concen: 2.485 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.10 min

Lab File: VW016217.D

Acq: 17 Aug 2020 14:48

Instrument :

MSVOA_W

ClientSampleId :

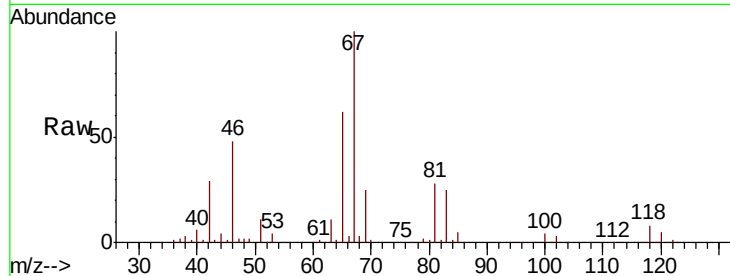
BFSP5

Tot Ion: 63 Resp: 12035

Ion Ratio Lower Upper

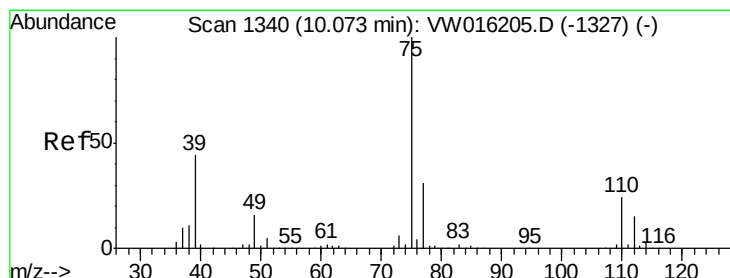
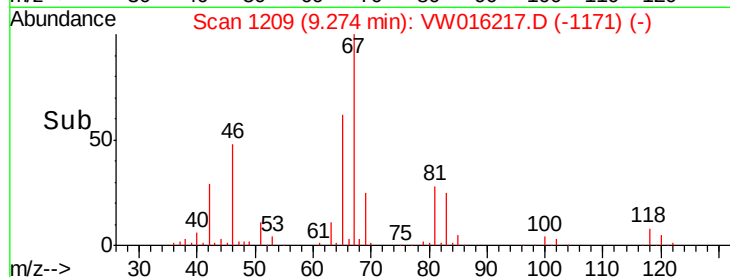
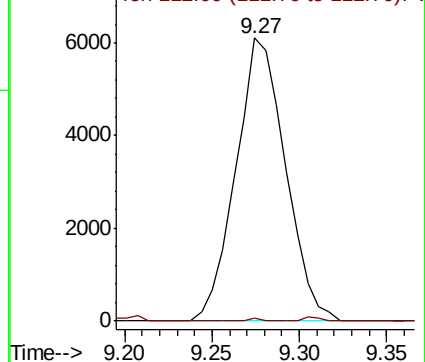
63 100

112 0.4 4.0 6.0#



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: 0.394 ug/L

RT: 10.04 min Scan# 1335

Delta R.T. -0.03 min

Lab File: VW016217.D

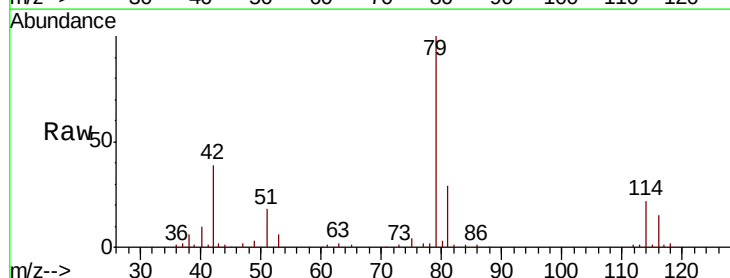
Acq: 17 Aug 2020 14:48

Tgt Ion: 75 Resp: 2909

Ion Ratio Lower Upper

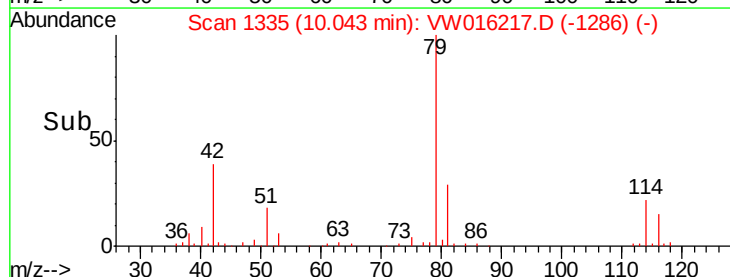
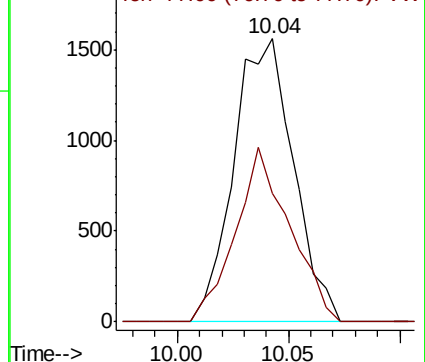
75 100

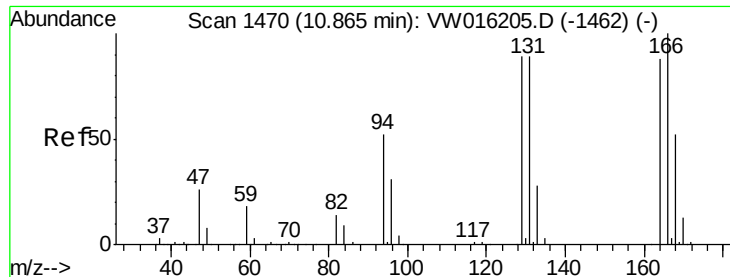
77 45.4 22.9 42.5#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

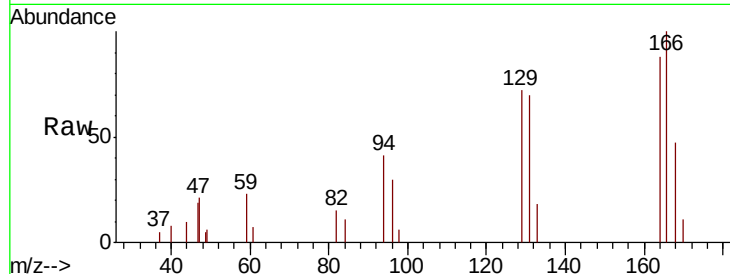




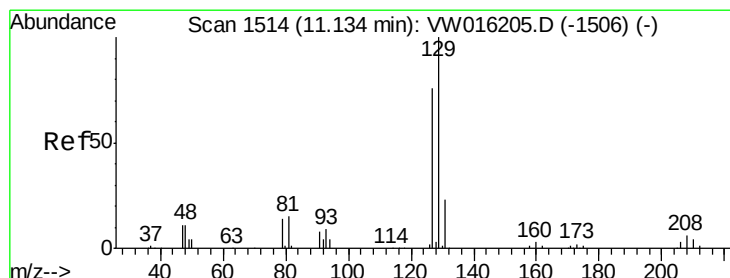
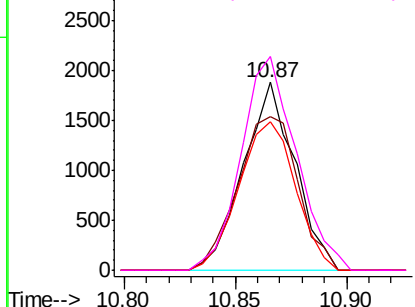
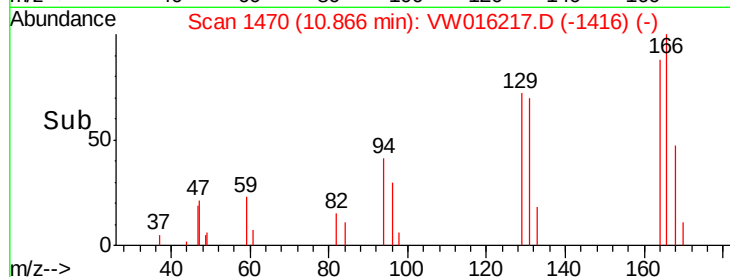
#47
Tetrachloroethene
Concen: 0.761 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW016217.D
Acq: 17 Aug 2020 14:48

Instrument :
MSVOA_W
ClientSampleId :
BFSP5

Tot Ion:164 Resp: 3025
Ion Ratio Lower Upper
164 100
129 81.9 71.5 132.9
131 79.3 65.4 121.4
166 113.7 86.9 161.5

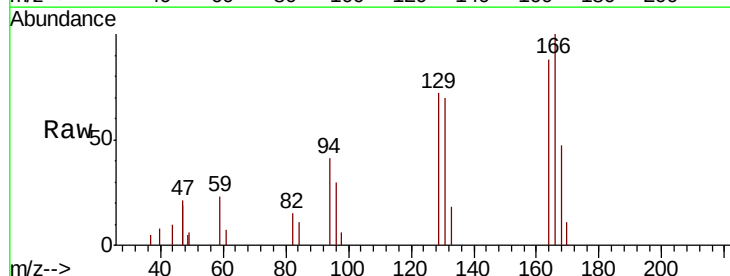


Abundance Ion 164.00 (163.70 to 164.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V
Ion 166.00 (165.70 to 166.70): V

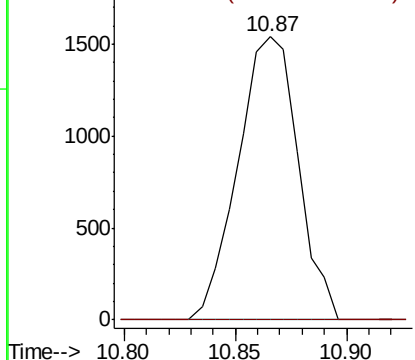
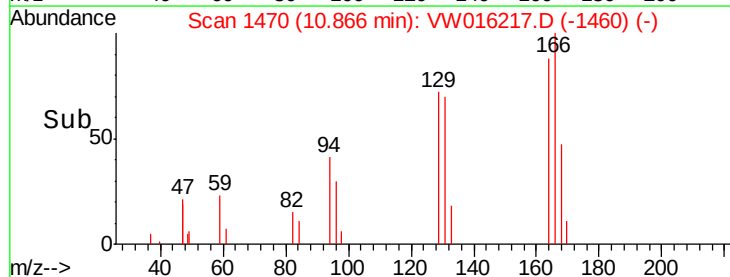


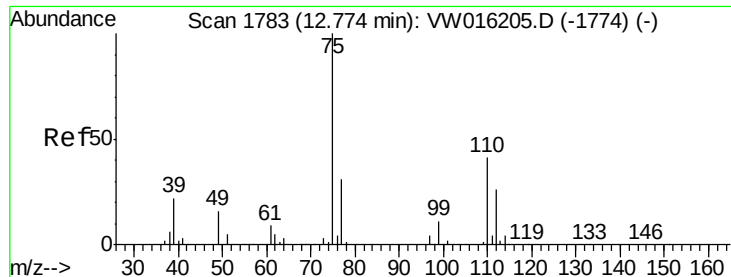
#50
Dibromochloromethane
Concen: 0.646 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. -0.27 min
Lab File: VW016217.D
Acq: 17 Aug 2020 14:48

Tgt Ion:129 Resp: 2899
Ion Ratio Lower Upper
129 100
127 0.0 55.4 102.8#



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: 5.044 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW016217.D

Acq: 17 Aug 2020 14:48

Instrument :

MSVOA_W

ClientSampleId :

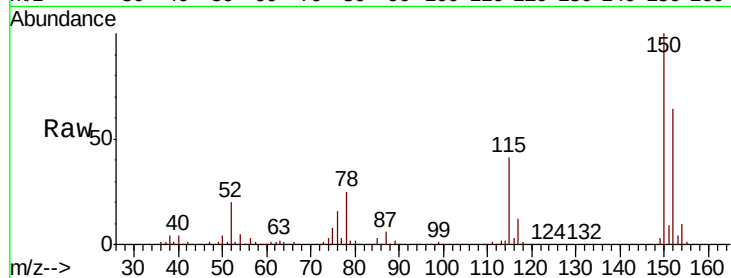
BFSP5

Tot Ion: 75 Resp: 16996

Ion Ratio Lower Upper

75 100

77 37.6 25.9 38.9



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

