

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080620\
 Data File : VW016055.D
 Acq On : 06 Aug 2020 19:52
 Operator : SY/VA
 Sample : L3564-07
 Misc : 6.30G/10ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFSQ1

Quant Time: Aug 07 07:44:16 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	8.85	114	382269	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	347107	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	149176	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	67729	12.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	50.24%
7) Chloroethane-d5	2.89	69	58075	13.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	53.04%
10) 1,1-Dichloroethene-d2	4.01	63	112934	10.36	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	41.44%#
20) 2-Butanone-d5	7.09	46	38330	27.05	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	54.10%
24) Chloroform-d	7.65	84	183218	17.07	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	68.28%
26) 1,2-Dichloroethane-d4	8.31	65	92327	15.67	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	62.68%#
29) Benzene-d6	8.27	84	357678	16.93	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	67.72%
33) 1,2-Dichloropropane-d6	9.27	67	108130	17.07	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	68.28%#
37) Toluene-d8	10.32	98	315632	16.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	65.96%
38) trans-1,3-Dichloropropene-	10.58	79	39587	14.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	58.64%
39) 2-Hexanone-d5	10.93	63	31564	29.93	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	59.86%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	82727	16.99	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	67.96%
61) 1,2-Dichlorobenzene-d4	13.85	152	111548	19.18	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	76.72%

Target Compounds

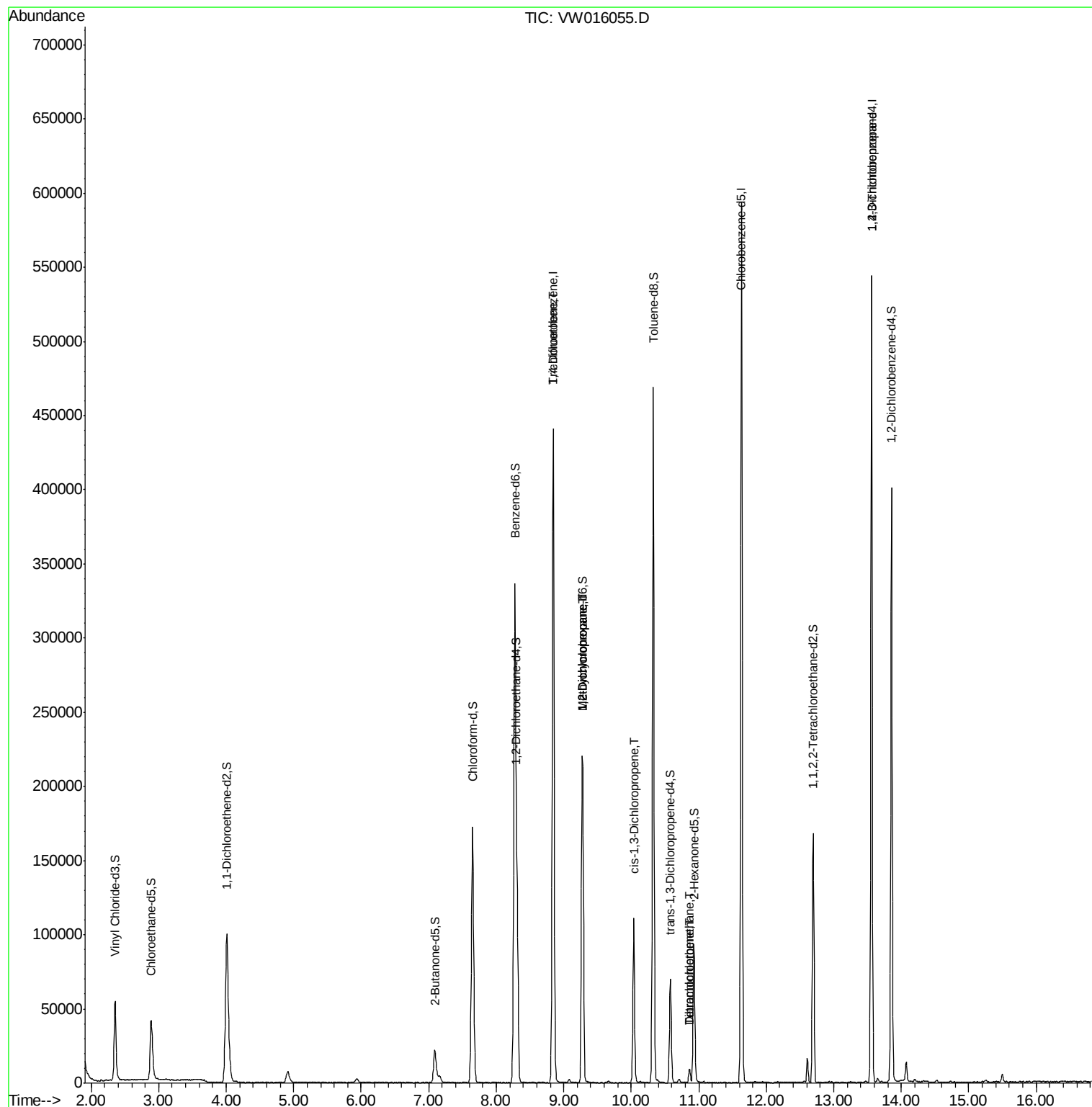
					Ovalue
35) Trichloroethene	8.85	95	11316	2.029 ug/L #	6
36) Methylcyclohexane	9.27	83	27247	2.847 ug/L #	18
40) 1,2-Dichloropropane	9.27	63	11837	2.266 ug/L #	87
42) cis-1,3-Dichloropropene	10.03	75	2673	0.336 ug/L #	60
47) Tetrachloroethene	10.86	164	2134	0.493 ug/L	88
50) Dibromochloromethane	10.87	129	2067	0.475 ug/L #	11
59) 1,2,3-Trichloropropane	13.56	75	15788	4.778 ug/L	93

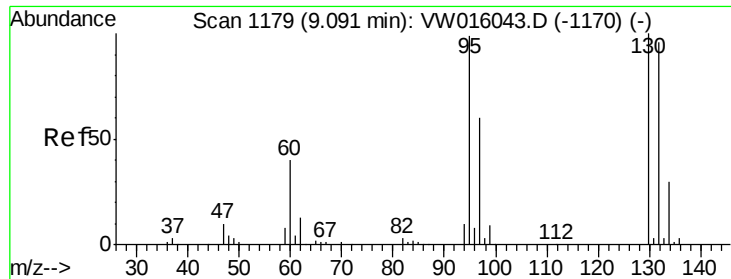
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW080620\
Data File : VW016055.D
Acq On : 06 Aug 2020 19:52
Operator : SY/VA
Sample : L3564-07
Misc : 6.30G/10ML/MSVOA W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFSQ1

Quant Time: Aug 07 07:44:16 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
Quant Title : VOC Analysis
QLast Update : Fri Aug 07 07:41:20 2020
Response via : Initial Calibration





#35

Trichloroethene

Concen: 2.029 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.24 min

Lab File: VW016055.D

Acq: 06 Aug 2020 19:52

Instrument :

MSVOA_W

ClientSampleId :

BFSQ1

Tot Ion: 95 Resp: 11316

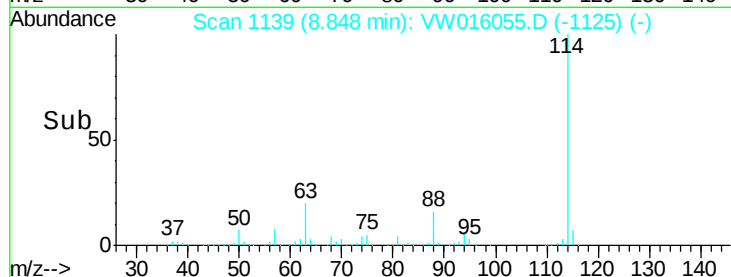
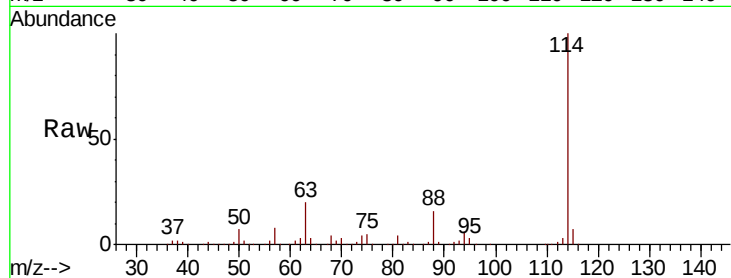
Ion Ratio Lower Upper

95 100

97 0.0 44.4 82.4#

132 0.0 65.1 120.9#

130 0.7 68.6 127.4#

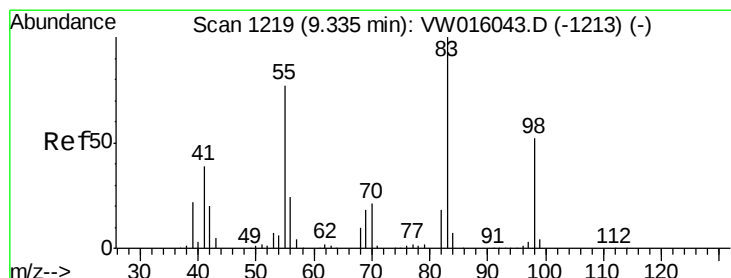
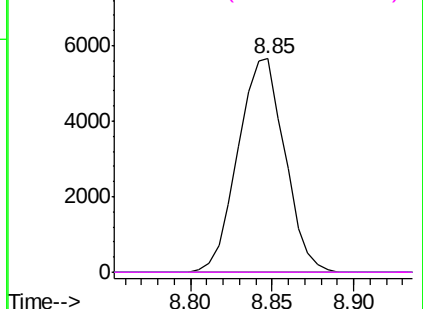


Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): VW

Ion 130.00 (129.70 to 130.70): VW



#36

Methylcyclohexane

Concen: 2.847 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.06 min

Lab File: VW016055.D

Acq: 06 Aug 2020 19:52

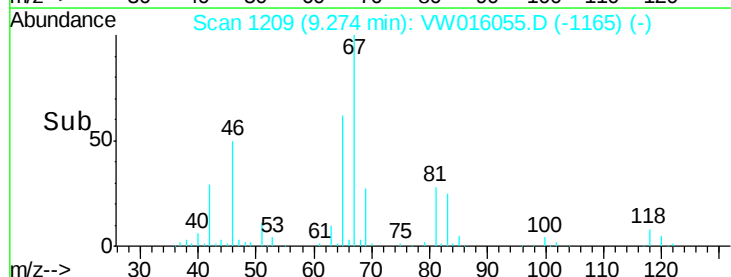
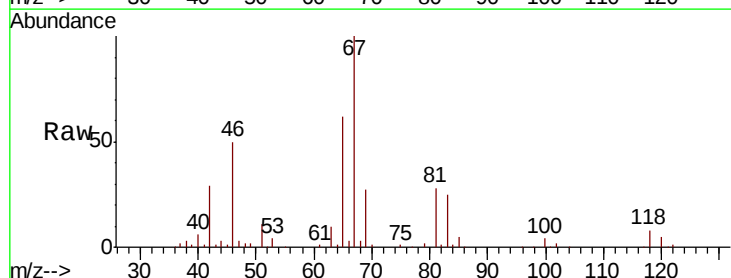
Tgt Ion: 83 Resp: 27247

Ion Ratio Lower Upper

83 100

55 0.2 63.5 95.3#

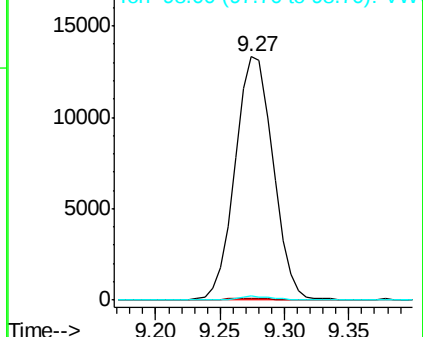
98 1.5 39.0 58.4#

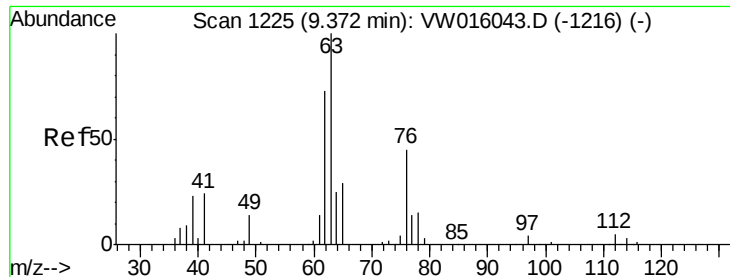


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW





#40

1,2-Dichloropropane

Concen: 2.266 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.10 min

Lab File: VW016055.D

Acq: 06 Aug 2020 19:52

Instrument :

MSVOA_W

ClientSampleId :

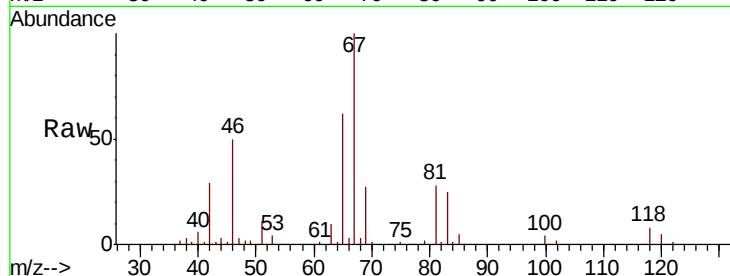
BFSQ1

Tot Ion: 63 Resp: 11837

Ion Ratio Lower Upper

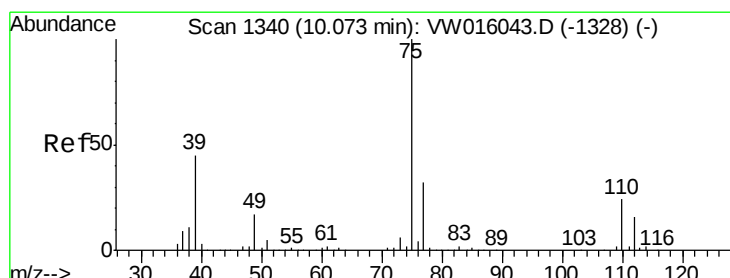
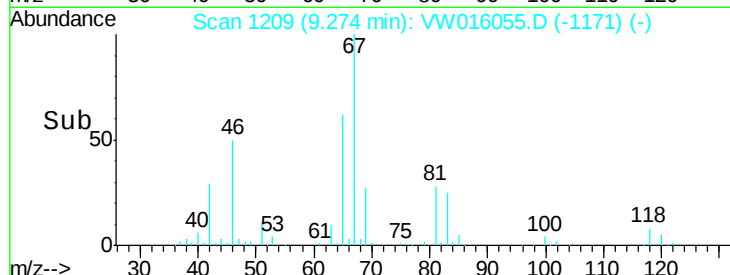
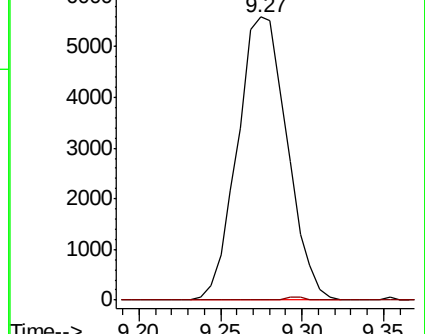
63 100

112 0.4 3.7 5.5#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): VW



#42

cis-1,3-Dichloropropene

Concen: 0.336 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

Lab File: VW016055.D

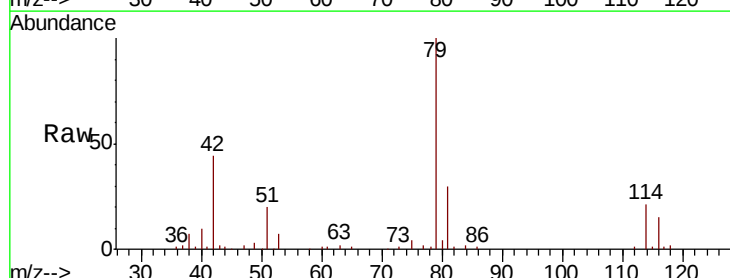
Acq: 06 Aug 2020 19:52

Tgt Ion: 75 Resp: 2673

Ion Ratio Lower Upper

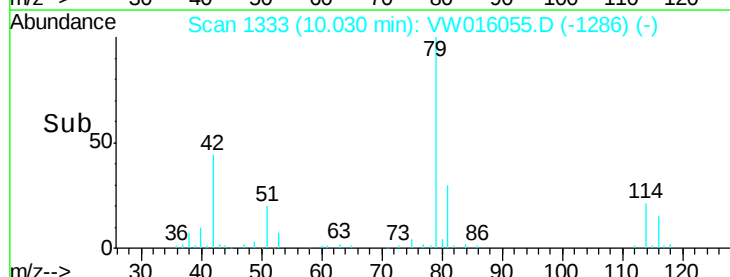
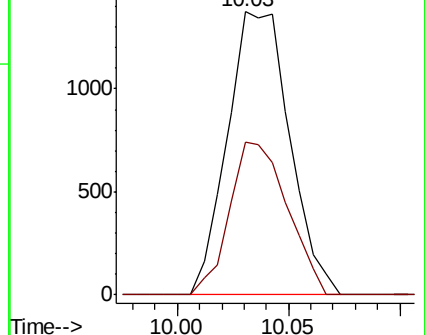
75 100

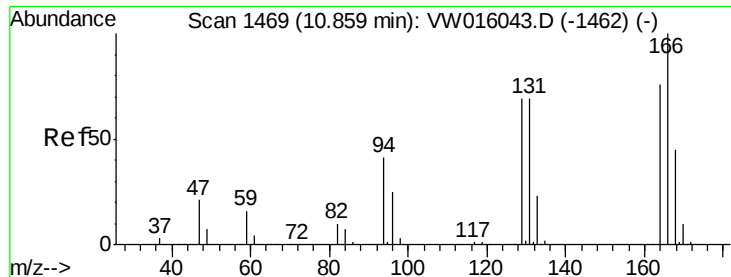
77 53.9 22.2 41.2#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#47

Tetrachloroethene

Concen: 0.493 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VW016055.D

Acq: 06 Aug 2020 19:52

Instrument :

MSVOA_W

ClientSampleId :

BFSQ1

Tot Ion:164 Resp: 2134

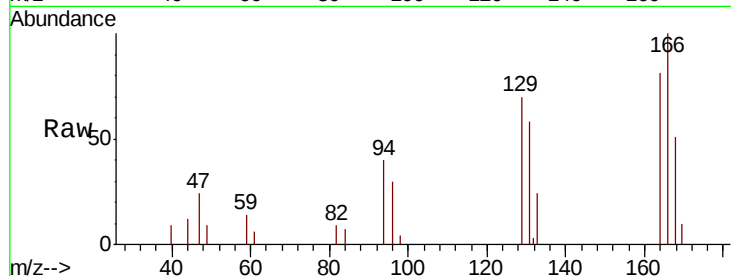
Ion Ratio Lower Upper

164 100

129 86.9 70.0 130.0

131 72.1 67.3 124.9

166 124.1 88.5 164.3

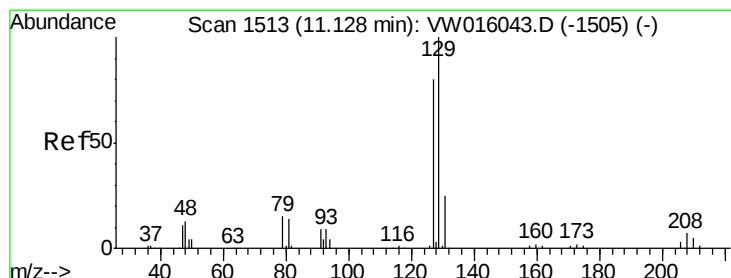
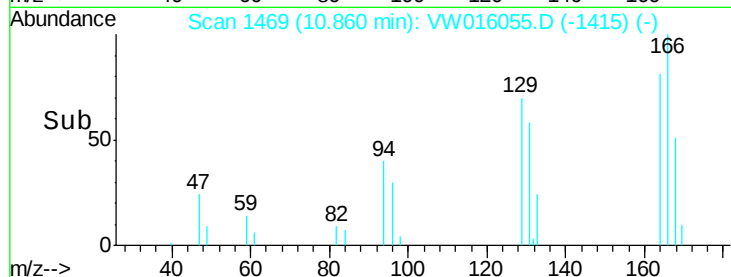
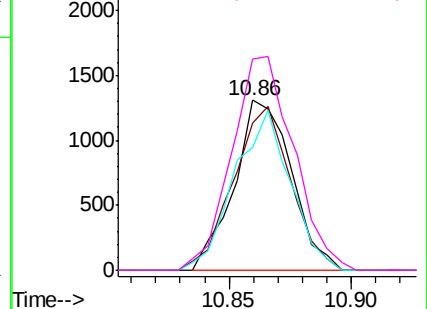


Abundance Ion 164.00 (163.70 to 164.70): V

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: 0.475 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. -0.26 min

Lab File: VW016055.D

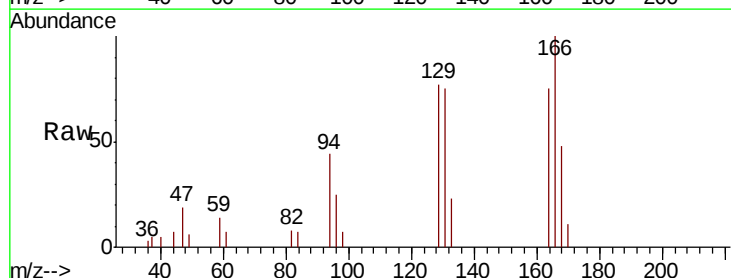
Acq: 06 Aug 2020 19:52

Tgt Ion:129 Resp: 2067

Ion Ratio Lower Upper

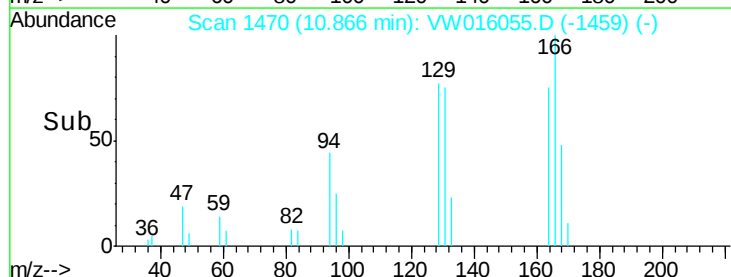
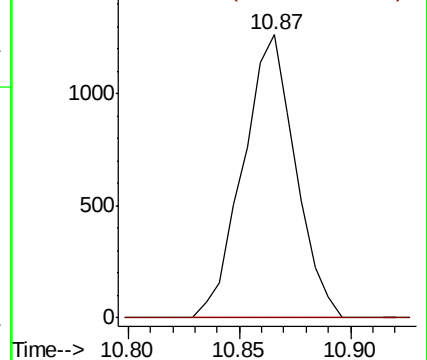
129 100

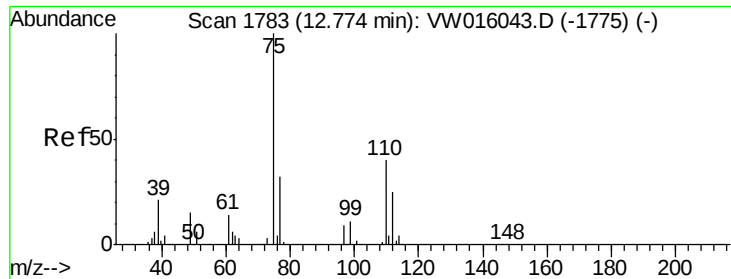
127 0.0 53.8 100.0#



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: 4.778 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW016055.D

Acq: 06 Aug 2020 19:52

Instrument :

MSVOA_W

ClientSampleId :

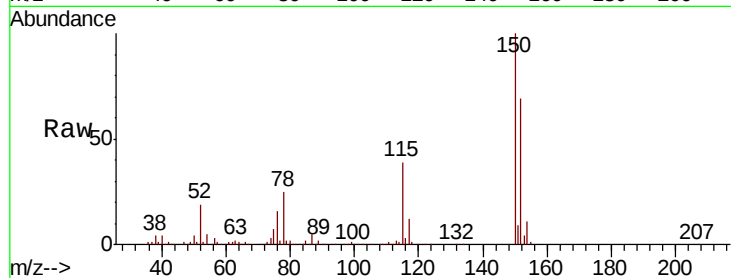
BFSQ1

Tot Ion: 75 Resp: 15788

Ion Ratio Lower Upper

75 100

77 36.6 26.0 39.0



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

