

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091020\
 Data File : VW016518.D
 Acq On : 10 Sep 2020 12:49
 Operator : SY/VA
 Sample : L3945-09
 Misc : 6.36G/10ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFWY3

Quant Time: Sep 11 06:14:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM090320S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 11 06:07:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	69544	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	54308	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	16070	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	15978	21.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.64%
7) Chloroethane-d5	2.89	69	16875	25.47	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.88%
10) 1,1-Dichloroethene-d2	4.04	63	22664	13.36	ug/L	0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	53.44%
20) 2-Butanone-d5	7.20	46	138	0.52	ug/L	0.12
Spiked Amount	50.000	Range	20 - 135	Recovery	=	1.04%#
24) Chloroform-d	7.65	84	35574	21.84	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.36%
26) 1,2-Dichloroethane-d4	8.31	65	19841	22.28	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.12%
29) Benzene-d6	8.28	84	64048	23.20	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.80%
33) 1,2-Dichloropropane-d6	9.28	67	19479	24.02	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.08%
37) Toluene-d8	10.33	98	53779	20.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.96%
38) trans-1,3-Dichloropropene-	10.59	79	7156	17.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	69.96%
39) 2-Hexanone-d5	10.93	63	5717	34.49	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	68.98%
48) 1,1,1,2,2-Tetrachloroethane-	12.69	84	14660	21.37	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.48%
61) 1,2-Dichlorobenzene-d4	13.85	152	13466	24.25	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.00%

Target Compounds

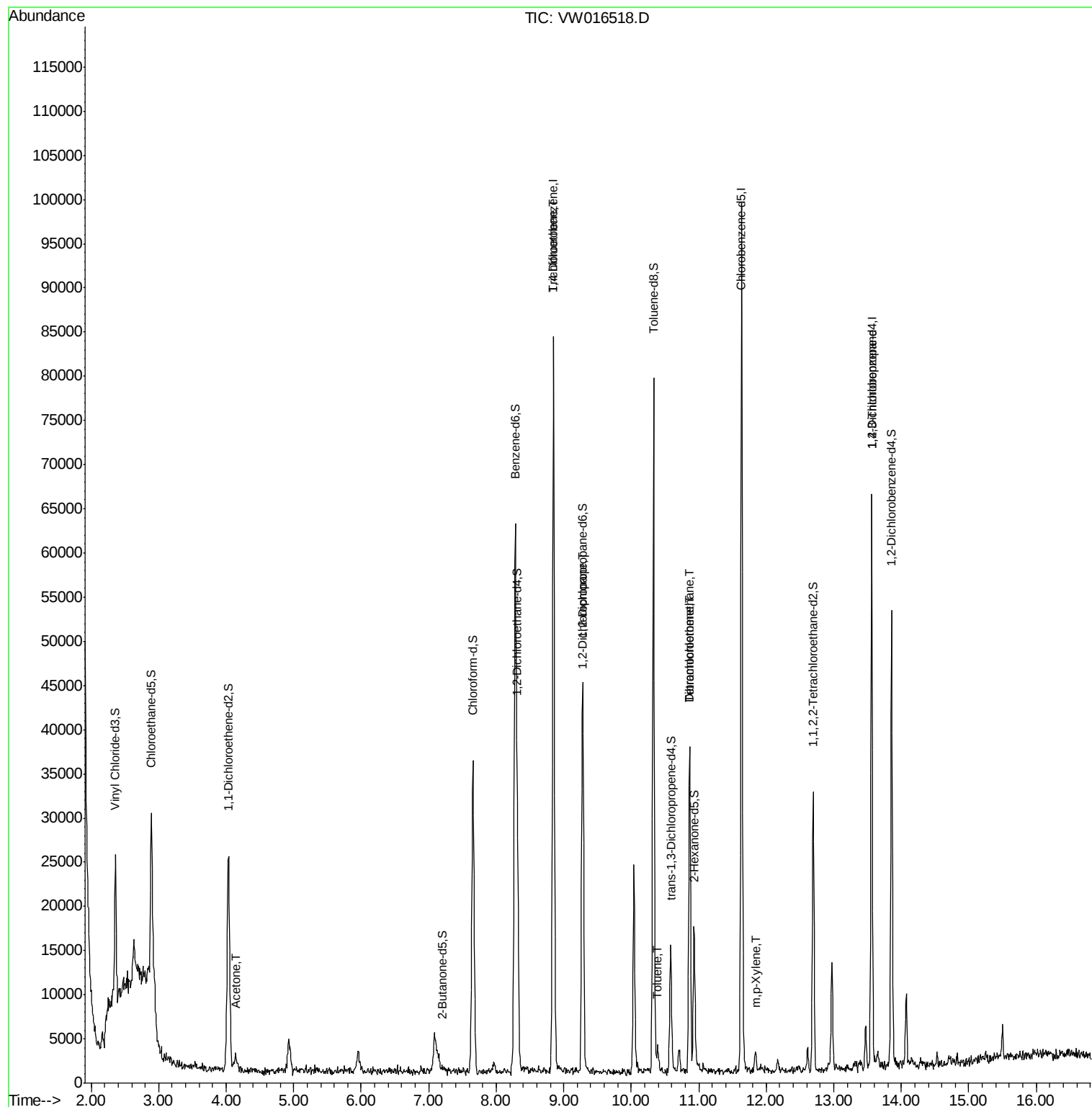
					Ovalue
13) Acetone	4.14	43	2917	17.248	ug/L 62
35) Trichloroethene	8.85	95	2053	2.495	ug/L # 6
40) 1,2-Dichloropropane	9.27	63	1269	1.729	ug/L # 85
44) Toluene	10.39	91	1703	0.513	ug/L # 76
47) Tetrachloroethene	10.87	164	7856	11.909	ug/L 98
50) Dibromochloromethane	10.87	129	7459	10.138	ug/L # 12
54) m,p-Xylene	11.85	106	621	0.434	ug/L 99
59) 1,2,3-Trichloropropane	13.56	75	2240	4.321	ug/L # 86

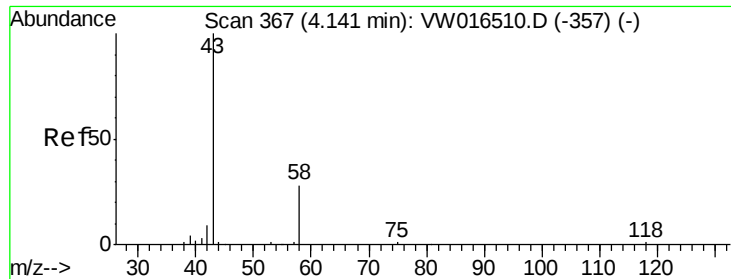
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM090320S.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 11 06:07:14 2020
Response via : Initial Calibration





#13

Acetone

Concen: 17.248 ug/L

RT: 4.14 min Scan# 366

Delta R.T. -0.01 min

Lab File: VW016518.D

Acq: 10 Sep 2020 12:49

Instrument :

MSVOA_W

ClientSampleId :

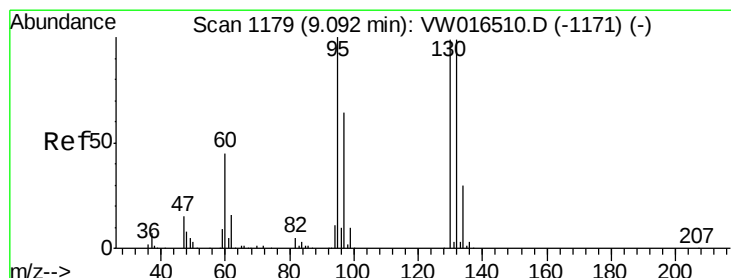
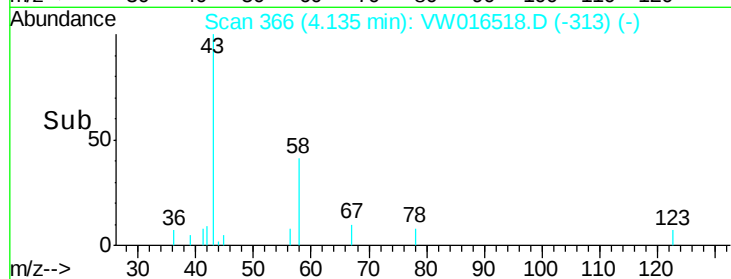
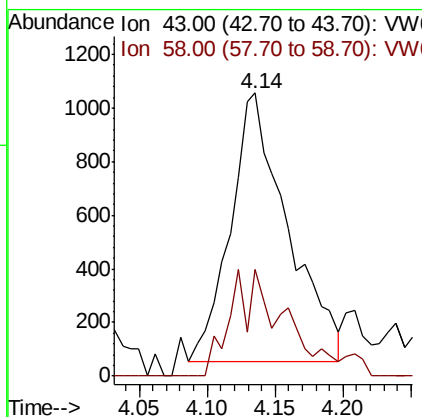
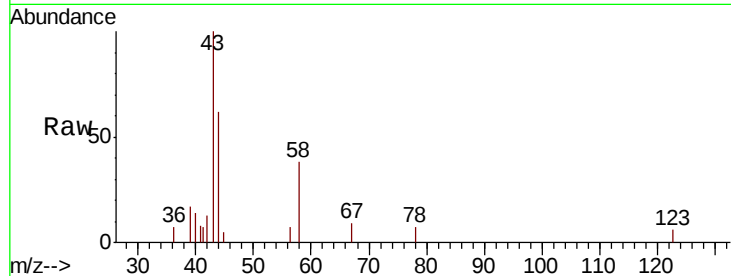
BFWY3

Tot Ion: 43 Resp: 2917

Ion Ratio Lower Upper

43 100

58 10.7 0.0 63.0



#35

Trichloroethene

Concen: 2.495 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.24 min

Lab File: VW016518.D

Acq: 10 Sep 2020 12:49

Tgt Ion: 95 Resp: 2053

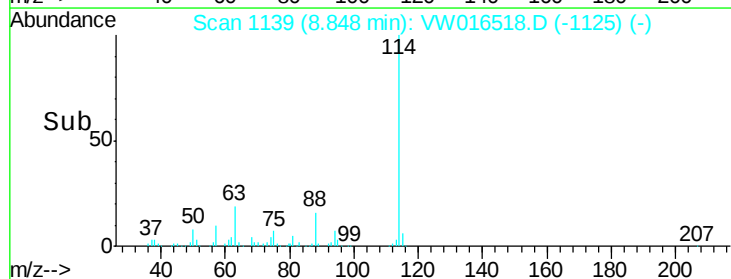
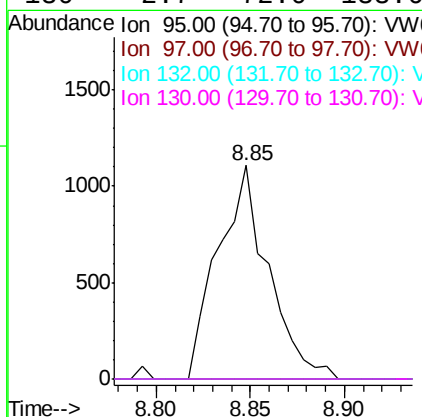
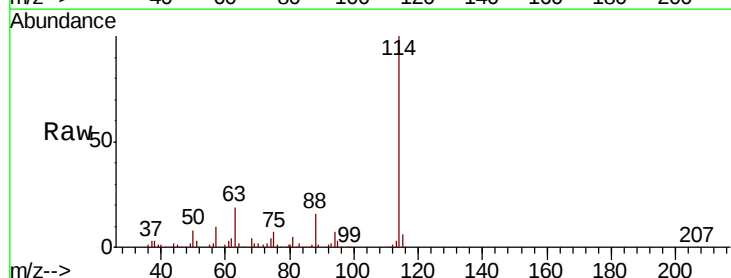
Ion Ratio Lower Upper

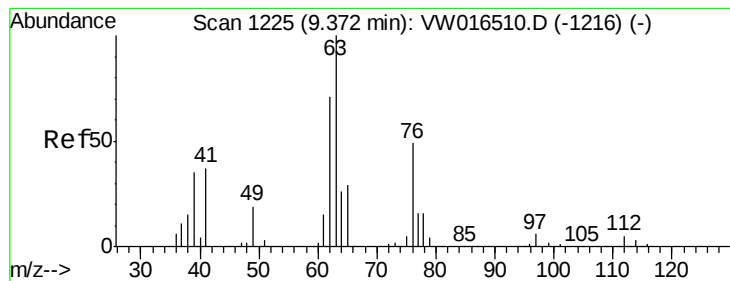
95 100

97 0.0 44.9 83.5#

132 2.1 69.2 128.4#

130 2.7 72.0 133.6#





#40

1,2-Dichloropropane

Concen: 1.729 ug/L

RT: 9.27 min Scan# 1208

Delta R.T. -0.10 min

Lab File: VW016518.D

Acq: 10 Sep 2020 12:49

Instrument :

MSVOA_W

ClientSampleId :

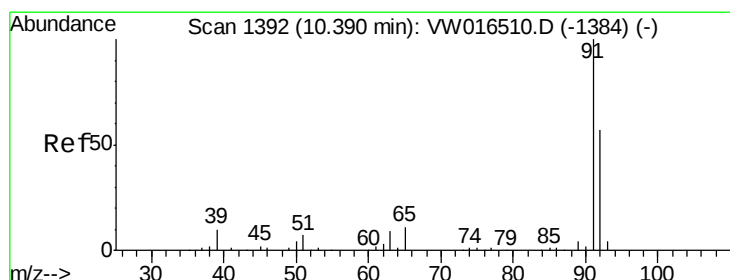
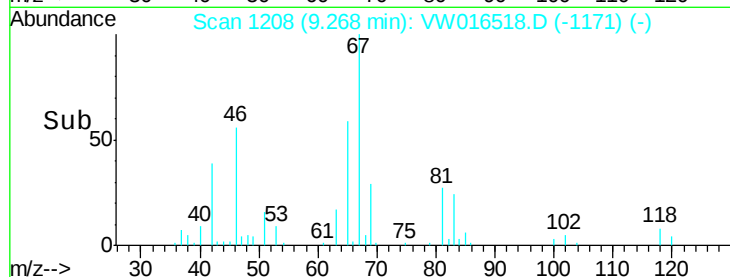
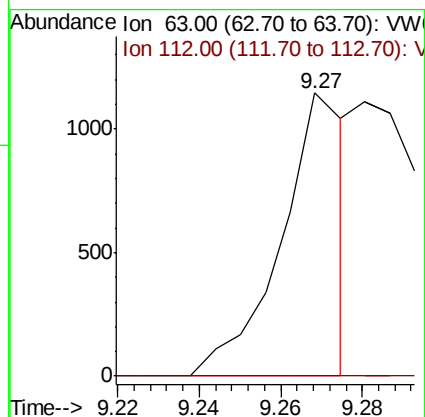
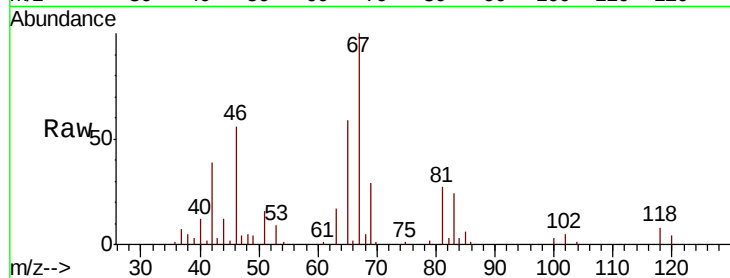
BFWY3

Tot Ion: 63 Resp: 1269

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.8#



#44

Toluene

Concen: 0.513 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW016518.D

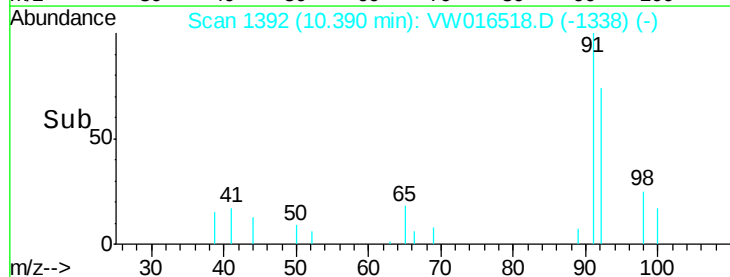
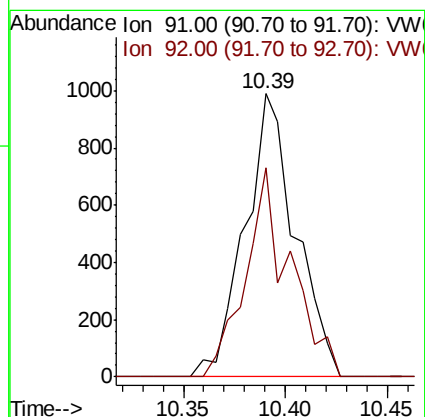
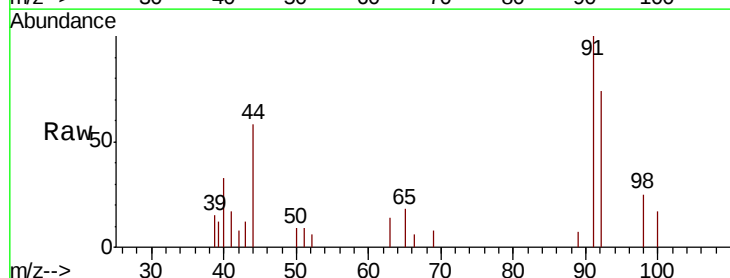
Acq: 10 Sep 2020 12:49

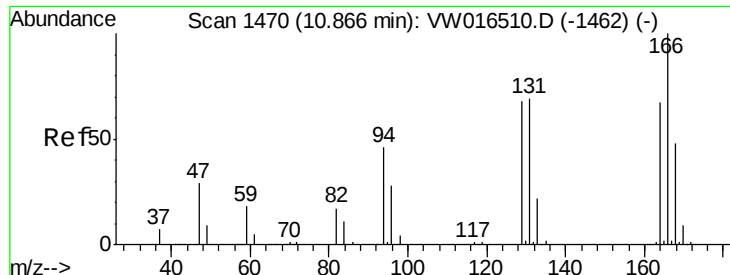
Tgt Ion: 91 Resp: 1703

Ion Ratio Lower Upper

91 100

92 74.1 39.5 73.4#





#47

Tetrachloroethene

Concen: 11.909 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VW016518.D

Acq: 10 Sep 2020 12:49

Instrument :

MSVOA_W

ClientSampleId :

BFWY3

Tot Ion:164 Resp: 7856

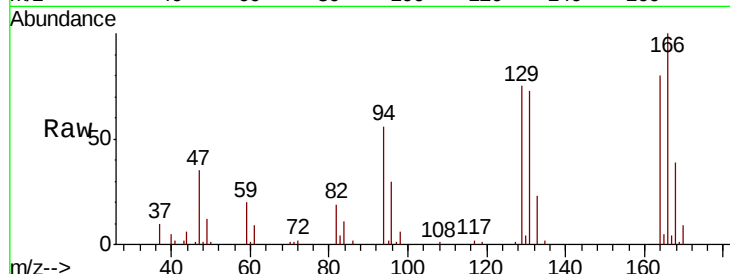
Ion Ratio Lower Upper

164 100

129 92.8 65.7 121.9

131 90.8 61.1 113.5

166 124.3 85.0 157.8

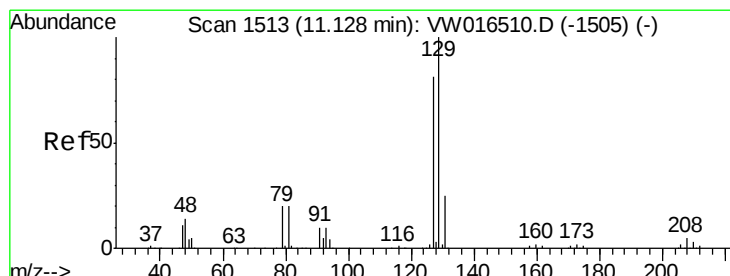
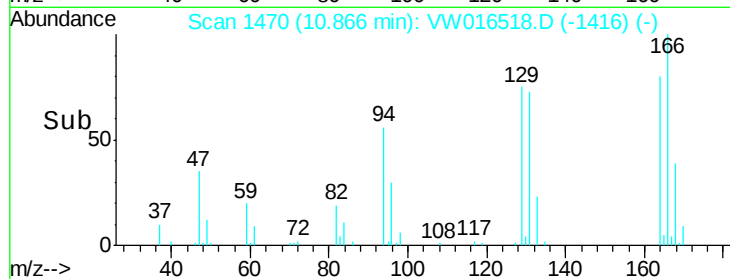
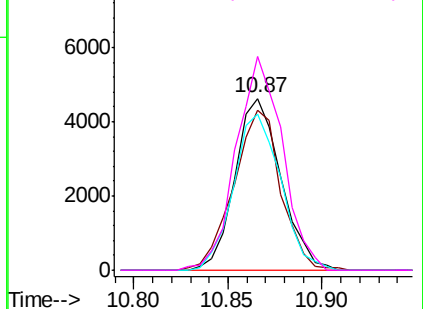


Abundance Ion 164.00 (163.70 to 164.70): V

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: 10.138 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. -0.26 min

Lab File: VW016518.D

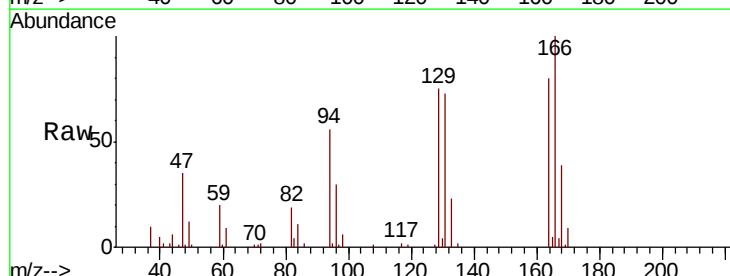
Acq: 10 Sep 2020 12:49

Tgt Ion:129 Resp: 7459

Ion Ratio Lower Upper

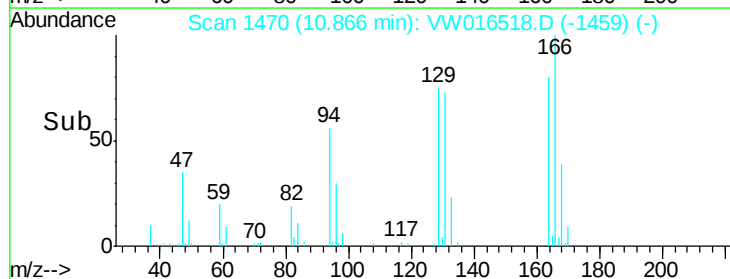
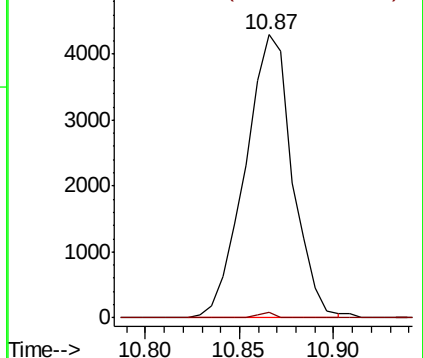
129 100

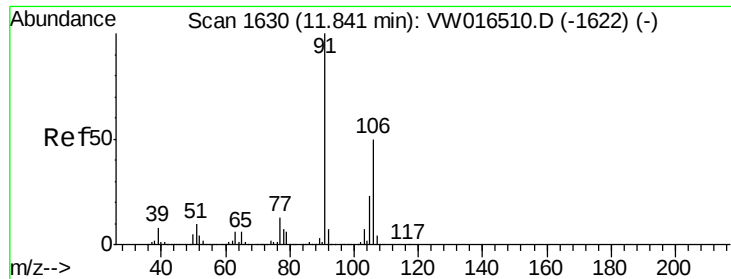
127 1.8 55.4 103.0#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V





#54

m,p-Xylene

Concen: 0.434 ug/L

RT: 11.85 min Scan# 1631

Delta R.T. 0.01 min

Lab File: VW016518.D

Acq: 10 Sep 2020 12:49

Instrument :

MSVOA_W

ClientSampleId :

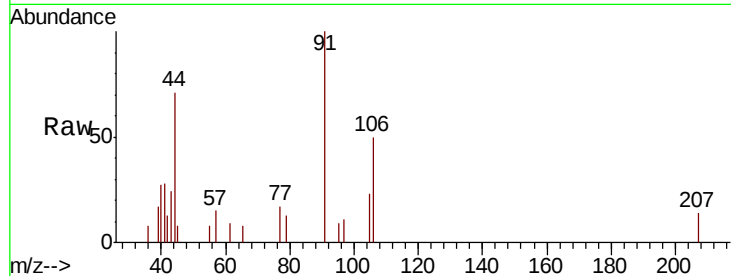
BFWY3

Tot Ion:106 Resp: 621

Ion Ratio Lower Upper

106 100

91 201.8 142.3 264.3

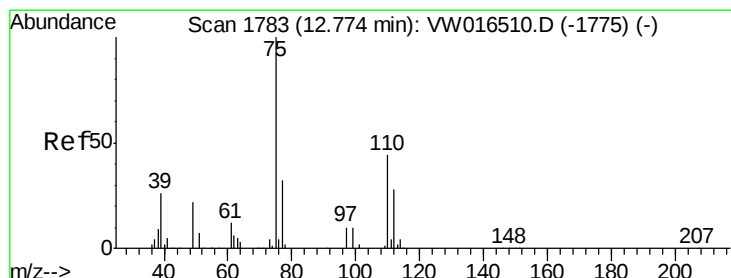
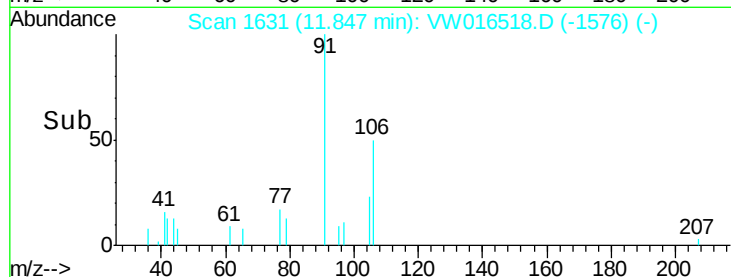


Abundance Ion 106.00 (105.70 to 106.70): VW

Ion 91.00 (90.70 to 91.70): VW

11.85

Time-->



#59

1,2,3-Trichloropropane

Concen: 4.321 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW016518.D

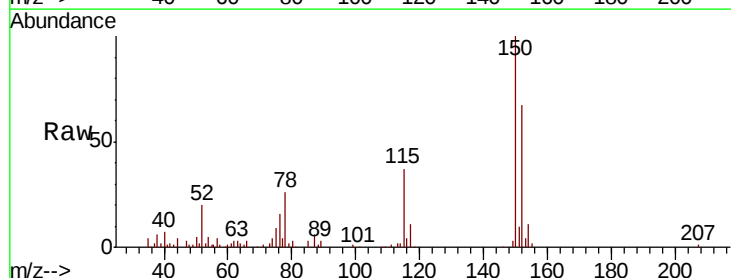
Acq: 10 Sep 2020 12:49

Tgt Ion: 75 Resp: 2240

Ion Ratio Lower Upper

75 100

77 40.1 26.0 39.0#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

13.56

Time-->

